

ANIL K. LALWANI, M.D.

ASSOCIATE DEAN FOR STUDENT RESEARCH
COLUMBIA UNIVERSITY VAGELOS COLLEGE OF PHYSICIANS AND SURGEONS

PROFESSOR OF OTOLARYNGOLOGY-HNS AND MECHANICAL ENGINEERING WITH TENURE
VICE CHAIR FOR RESEARCH
COLUMBIA UNIVERSITY

ANIL K. LALWANI, MD is Associate Dean for Student Research, tenured Professor and Vice Chair for Research, and Co-Director of Columbia Cochlear Implant Program in the Department of Otolaryngology at Columbia University Vagelos College of Physicians and Surgeons; he is also Professor, Department of Mechanical Engineering, Fu Foundation School of Engineering and Applied Science, Columbia University. In addition, he serves as the Medical Director of Perioperative Services at NewYork Presbyterian — Columbia University Irving Medical Center. He previously served as Chairman, Department of Otolaryngology-Head & Neck Surgery at New York University School of Medicine.

Dr. Lalwani earned his M.D. from the University of Michigan Medical School in 1985 and subsequently completed is internship in General and Thoracic Surgery at Duke University Medical Center and his residency in Otolaryngology-Head and Neck Surgery at University of California San Francisco (UCSF). Following subspecialty training in Neurotology and Skull base surgery, he served as Senior Staff Fellow at the National Institute on Deafness and Other Communication Disorders, National Institute of Health. In 1994, he joined the faculty at UCSF as an assistant professor and rose to the rank of Professor in 2002. In April 2003, Dr. Lalwani was recruited to New York University School of Medicine to serve as Mendik Foundation Professor and Chairman of the Department of Otolaryngology — a position he held until December 2009.

Doctor Lalwani's basic research has focused on two key areas: identifying genes that are critical for hearing through the use of molecular genetic and molecular biologic methods and developing and investigating gene transfer technology for the treatment of hearing disorders. More recently, his NIH funded research has focused on the development of microneedle technology for inner ear delivery. His clinical interests are in otology include cochlear implantation, chronic ear disease, facial nerve disorders, Meniere's disease, cerebellopontine angle tumors (e.g. acoustic neuromas), and skull base surgery.

Dr. Lalwani is considered one of the leading experts on hearing loss in children and adults. He is the author of more than 275 peer-reviewed articles, and numerous book chapters; his *h-index* is 74. He serves on the editorial board of numerous leading otolaryngology journals; he is the founding Field Chief Editor of the journal *Frontiers in Audiology and Otology*. He is the Section Editor of Triological Society Best Practice – a popular feature published in *Laryngoscope*. He has published numerous books including the textbook defining the subspecialty of Pediatric Otology and Neurotology. The 6th edition of RECENT ADVANCES IN OTOLARYNGOLOGY-HEAD AND NECK SURGERY was published in January 2017. More recently, Dr. Lalwani's OTOLOGY, NEUROTOLOGY, AND SKULL BASE SURGERY volume of *Sataloff's Comprehensive Textbook of Otolaryngology Head & Neck Surgery* was published. The 4th edition of his highly successful book, CURRENT DIAGNOSIS & TREATMENT IN OTOLARYNGOLOGY-HEAD & NECK SURGERY was published in 2020; it has been previously translated into Spanish, Turkish, and Portuguese.

Dr. Lalwani has served in numerous leadership roles and has provided service to the specialty. He served as the President of American Neurotology Society (2014-2015), President of the American Auditory Society (2017-2018), President of New York Otological Society (2023), and the Otosclerosis Study Group (2024-2025). He was a member of the Ear, Nose and Throat Devices Panel of the Medical Devices Advisory Committee of the Food and Drug Administration (2019-2023), and the NIDCD Advisory Council (2021-2026). He currently serves as President of Columbia University Asian Faculty Association and as an elected member of the Columbia University Senate. In 2026, he was given the ARO Innovator Award in Clinical Science.

CURRICULUM VITAE

ANIL K. LALWANI, MD

Professor of Otolaryngology-Head & Neck Surgery and Mechanical Engineering, with Tenure

Vice Chair for Research

Co-Director, Columbia Cochlear Implant Program

Departments of Otolaryngology—Head & Neck Surgery

Associate Dean for Student Research

COLUMBIA UNIVERSITY VAGelos COLLEGE OF PHYSICIANS AND SURGEONS

Medical Director of Perioperative Services

NEW YORK PRESBYTERIAN – COLUMBIA UNIVERSITY IRVING MEDICAL CENTER

180 Fort Washington Avenue

Harkness Pavilion HP818

New York, NY 10032

Office: 212-305-3319

Fax: 212-305-2249

Email: *anil.lalwani@columbia.edu*

EDUCATION

1977-1981	Michigan State University East Lansing, MI	B.S. Biochemistry (High Honor)
1981-1985	University of Michigan Medical School Ann Arbor, MI	M.D. (with Distinction)

POSTGRADUATE TRAINING

1985 -1987	Internship and Junior Resident, General and Thoracic Surgery Duke University Medical Center, Durham, NC
1987 -1991	Resident, Department of Otolaryngology-Head & Neck Surgery University of California School of Medicine, San Francisco, CA
1991 -1992	Clinical Instructor and Fellow in Neurotology/Skull Base Surgery Department of Otolaryngology-Head & Neck Surgery University of California School of Medicine, San Francisco, CA
1992 -1994	Senior Staff Fellow, Laboratory of Molecular Biology National Institute on Deafness and Other Communication Disorders National Institutes of Health, Bethesda, MD

POSTGRADUATE COURSES

- 2004 Physician Leadership Development Program
New York University School of Medicine, New York, NY
- 2005 Program for Chiefs of Clinical Services (January 16-28, 2005)
Harvard School of Public Health, Boston, MA

EMPLOYMENT HISTORY

- 1991 - 1992 Clinical Instructor, Department of Otolaryngology-Head & Neck Surgery
University of California School of Medicine, San Francisco, CA
- 1992 - 1994 Senior Staff Fellow, National Institute on Deafness and Other
Communication Disorders, National Institutes of Health, Bethesda, MD
- 1994 - 1998 Assistant Professor, Department of Otolaryngology-Head & Neck Surgery
University of California San Francisco (UCSF), CA
Director, Laboratory of Molecular Otology
Director, Pediatric Otology and Neurotology & Pediatric
Cochlear Implant Program
- 1997 - 2003 Member, Program in Human Genetics
University of California School of Medicine, San Francisco, CA
- 1998 - 2002 Associate Professor (with *Tenure*), Department of Otolaryngology-Head &
Neck Surgery, University of California San Francisco (UCSF), CA
Director, Laboratory of Molecular Otology
Director, Pediatric Otology and Neurotology
- 2000 - 2003 Director, Cochlear Implant Program
- 2002 - 2003 Member, Biomedical Sciences Graduate Program
- 2002 - 2003 Professor (with *Tenure*), Department of Otolaryngology-Head & Neck
Surgery, University of California San Francisco (UCSF), CA
- 2003 -2009 Mendik Foundation Professor and Chairman (with *Tenure*), Department of
Otolaryngology, New York University School of Medicine, New York, NY
Accomplishments:
- Department rank rose to #23 in US News and World Report
(Previously unranked in top 50)
 - Research funding rose to #12 nationally (previously no departmental
grants)
 - Raised >\$9.5 million dollars in philanthropy
 - Recruited 9 clinical faculty with significant growth of clinical revenue
 - Recruited 6 new research faculty
- 2003 - 2012 Professor of Physiology and Neuroscience

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

New York University School of Medicine, New York, NY

- 2004 - 2012 Member, Helen and Martin Kimmel Center in Stem Cell Biology
New York University School of Medicine, New York, NY
- 2006 - 2012 Professor, Department of Pediatrics
New York University School of Medicine, New York, NY
- 2009 - 2012 Professor (with *Tenure*), Department of Otolaryngology
New York University School of Medicine, New York, NY
- 2012 - Professor and Vice Chair for Research, Director, Division of Otology
& Neurotology, and Skull Base Surgery, Director Columbia Cochlear Implant
Program, Department of Otolaryngology—Head & Neck Surgery, Columbia
University Vagelos College of Physicians and Surgeons, New York, NY
- 2014 - Medical Director of Perioperative Services, New York Presbyterian
— Columbia University Irving Medical Center, New York, NY
- 2016- Professor, Department of Otolaryngology—Head & Neck Surgery (in
Mechanical Engineering), Columbia University Vagelos College of Physicians
and Surgeons, New York, NY
- 2017- Professor (with *Tenure*), Department of Otolaryngology—Head & Neck
Surgery, Columbia University Vagelos College of Physicians and Surgeons,
New York, NY
- 2020- Chief Medical Innovation Officer, Columbia BioMedX, Columbia Biomedical
Engineering Technology Accelerator, Department of Biomedical Engineering,
Columbia University, New York, NY
- 2021- Associate Dean for Student Research, Columbia University Vagelos College
of Physicians and Surgeons, New York, NY
- 2024- Professor (with *Tenure*) of Otolaryngology-Head & Neck Surgery and of
Mechanical Engineering, Columbia University

LICENSURE

- 1987 California # G060982
- 2003 New York # 228446
- 2006 National Provider Number 1164418588 (Taxonomy # 207Y00000X; Provider
Transaction Access # 7M1881)

BOARD CERTIFICATION

- 1986 National Boards of Medical Examiners
- 1992 American Board of Otolaryngology (April 7, 1992)
- 2010 American Board of Otolaryngology Neurotology Subspecialty Certification
(June 1, 2010 — December 31, 2020; Certificate #3264)
- 2020 American Board of Otolaryngology Neurotology Subspecialty Certification
(January 1, 2021 — December 31, 2030)

HONORS AND AWARDS

- 1977 National Honor Society
- 1977-1981 Michigan State University
 Phi Beta Kappa
 Phi Kappa Phi
 Golden Key National Honor Society
 Pi Mu Upsilon (Math)
 Honors College
 American Chemical Society's Outstanding Senior Biochemistry
 Award
 Dean's List (all terms)
- 1981-1985 University of Michigan School of Medicine
 One of **top five** graduates of Class of 1985
 Alpha Omega Alpha (Junior)
 Eben J. Carey Memorial Award in Anatomy
- 1987 Selected by Medical Students as "*One of Duke's Outstanding Teachers*," Duke
University Medical Center
- 1988 Selected by Medical Students as "*One of the Outstanding Teachers Among
UCSF House Officers*," University of California, San Francisco
- 1989 Third Place: **Lalwani AK**, Engelstad BL, Boles R: INDIUM-LABELED WBC
SCANS IN HEAD AND NECK SURGERY. Presented at Fifth Annual Bay Area
Residents' Research Symposium, Oakland, California
- 1989 Second Place, Resident Case of the Year Competition, American Rhinologic
Society: **Lalwani AK**, Kaplan MJ: PARANASAL SINUS LEIOMYOSARCOMA
FOLLOWING CYCLOPHOSPHAMIDE AND IRRADIATION. Presented at American
Rhinologic Society's 35th Annual Meeting, New Orleans, Louisiana
- 1990 Second Place: **Lalwani AK**, Carey TE: LECTIN BINDING CHARACTERISTICS IN
SQUAMOUS CELL CARCINOMA. Presented at Sixth Annual Bay Area Residents'
Research Symposium, Oakland, California

- 1990 Honorable Mention, Resident Case of the Year Competition, American Rhinologic Society: **Lalwani AK**, Tami TA: NASAL MANIFESTATION OF LEPROMATOUS LEPROSY. Presented at American Rhinologic Society's 36th Annual Meeting, San Diego, California
- 1996 Honor Award, American Academy of Otolaryngology-Head & Neck Surgery
- 1997 First Place, Clinical Science Category, Resident Research Award, American Academy of Otolaryngology-Head & Neck Surgery: Bikhazi PH, Kim E, Bikhazi N, Attaie A, **Lalwani AK**: GENETIC SCREENING OF THE NF2 GENE IN FAMILIES WITH UNILATERAL VESTIBULAR SCHWANNOMA.
- 1998 Nicholoas Torok Vestibular Award, American Neurotology Society **Lalwani AK**, Walsh BJ, Carvalho GJ, Muzyczka N, Mhatre AN. EXPRESSION OF ADENO ASSOCIATED VIRUS (AAV) INTEGRATED TRANSGENE WITHIN THE MAMMALIAN VESTIBULAR ORGANS.
- 1998 First Place, Basic Science Category, Bay Area Resident Research Symposium: Bikhazi PH, Kim E, Bikhazi N, Attaie A, **Lalwani AK**: GENETIC SCREENING OF THE NF2 GENE IN FAMILIES WITH UNILATERAL VESTIBULAR SCHWANNOMA.
- 1999 First Place, Basic Science Category, Bay Area Resident Research Symposium: Bikhazi PH, Roeder E, Attaie A, **Lalwani AK**: FAMILIAL PARAGANGLIOMAS: THE EMERGING IMPACT OF MOLECULAR GENETICS ON EVALUATION AND MANAGEMENT
- 2000 The National Registry of *Who's Who*
- 2000 Castle Connolly Guide: *How to Find the Best Doctors: San Francisco Bay Area & America's Top Doctors*
- 2000 Roger Boles Award for Excellence in Teaching, Department of Otolaryngology—Head & Neck Surgery, University of California San Francisco
- 2000 Boies Lecturer, Department of Otolaryngology-Head & Neck Surgery, University of Minnesota School of Medicine
- 2000 Strathmore's *WHO'S WHO*
- 2002 Francis A. Sooy Award for Excellence in Clinical Teaching, Department of Otolaryngology—Head & Neck Surgery, University of California San Francisco
- 2002 Ben Senturia Lecturer, Department of Otolaryngology, Washington University School of Medicine

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- 2003 First Place Award, First Annual UCSF Resident Research Symposium:
Chatelin V, Kim EJ, Driscoll C, Larky J, Polite C. Price L, **Lalwani AK**:
COCHLEAR IMPLANT OUTCOMES IN THE ELDERLY
- 2004 Distinguished Services Award, American Academy of Otolaryngology—Head
& Neck Surgery
- 2004 Innovator, Best Doctor Issue, *New York Magazine*
- 2004 Marquis Who's Who in America (59th Edition; 2005)
- 2005 International Health Profession of the Year 2005, International Biographical
Centre, Cambridge, England
- 2005 AcademicKeys Who's Who in Medical Sciences Education (WWMSE)
- 2005 Marquis Who's Who in America (60th Edition; 2006)
- 2005 Chandler Distinguished Professor, Department of Otolaryngology, University
of Miami School of Medicine
- 2006 Marquis Who's Who in Science and Engineering (9th edition, 2006-2007)
- 2006 Dictionary of International Biography (33rd Edition, 2006), International
Biographical Centre, Cambridge, England
- 2006 Marquis Who's Who in America (61th Edition; 2007)
- 2006 Marquis Who's Who in the East (34th Edition)
- 2006 Jesse D. Gomillion Visiting Professor, Department of Otolaryngology,
University of Texas Medical Branch, Galveston, TX
- 2006 2000 Outstanding Intellectuals of the 21st Century, International Biographical
Centre, Cambridge, England
- 2006 21st Century Award for Achievement, International Biographical Centre,
Cambridge, England
- 2006 2nd Place, First Metropolitan New York Resident Research Day Symposium,
New York, NY: Luc G. Morris, MD, Pavan S. Mallur, MD, J. Thomas Roland,
Jr., MD, Susan B. Waltzman, PhD, **Anil K. Lalwani, MD**: IMPLICATION OF
CENTRAL ASYMMETRY IN SPEECH PROCESSING ON SELECTING THE EAR FOR
COCHLEAR IMPLANTATION
- 2006 Pappas Resident Research Award, Daly Day, Department of Otolaryngology,
NYU SOM, New York, NY: Aaron Pearlman, MD, Joseph Jacobs, MD,
Richard Lebowitz, MD, Anand Mhatre, PhD, **Anil K. Lalwani, MD**:

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

ISOLATION OF COMMON RESPIRATORY VIRAL PATHOGENS IN NASAL POLYPS USING
POLYMERASE CHAIN REACTION

- 2007 UCSF Dean's Prize for Student Research (Jolie Chang, UCSF MS IV)
TGF-SS AND RUNX2 CONTROL OF BONE MATRIX MATERIAL PROPERTIES IN BONE
DISEASE-ASSOCIATED HEARING LOSS; Faculty Sponsors: Tamara Alliston, PhD
and Lawrence Lustig, MD
- 2007 Honored Guest, 85th Annual Meeting of Finnish Otolaryngological Society,
Helsinki, Finland
- 2007 Jahrsdoerfer Visiting Professor, Department of Otolaryngology, University of
Virginia, Charlottesville, VA
- 2007 Visiting Professor, 3rd Annual Research Day, Department of Otolaryngology,
Case Western Reserve University, Cleveland, OH
- 2007 Marquis Who's Who in America (62th Edition; 2008)
- 2007 *Best Doctors in America* 2007-2008
- 2008 Marquis Who's Who in America (2009)
- 2008 HAAZINU's Medical Achievement Award
- 2008 Who's Who in Science and Engineering (10th Edition)
- 2008 Visiting Professor, Department of Otolaryngology, University of California
Davis, CA
- 2008 Hayden Lecturer, Department of Otolaryngology, Virginia Commonwealth
University, Richmond, VA
- 2009 Bobby R. Alford Department of Otolaryngology-Head & Neck Surgery
Visiting Professor, Baylor College of Medicine, Houston, TX
- 2009 Kipling's *Who's Who in Leading Business Professionals*
- 2009 Marquis *Who's Who in Medicine and Healthcare*, 2009-2010
- 2009 Research Judge, Fourth Annual Metropolitan New York Resident Research
Day Symposium, Mount Sinai Medical Center, New York, NY
- 2009 Marquis Who's Who in America (2010)
- 2010 Kipling's *Who's Who in Leading Business Professionals*

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- 2010 3rd Place, Poster Presentation - Case Reports Category, American Society of Pediatric Otolaryngology, Inc., Las Vegas, NV. Maggie Kuhn, MD & **Anil K. Lalwani, MD**: A LARGE JUGULAR BULB DIVERTICULUM IMPINGING ON THE OSSICULAR CHAIN
- 2010 Consumers' Research Council of America's *Top Physicians*
- 2011 Marquis Who's Who in Science and Engineering 2011-2012 (11th Edition)
- 2011 Marquis Who's Who in America 2011 (65th Edition)
- 2011 Consumers' Research Council of America's *Top Physicians*
- 2011 US News and World Report's *Top Doctor* - Top 1% in the nation in his/her specialty
- 2012 Marquis Who's Who in America 2012 (66th Edition)
- 2012 Marquis Who's Who in Medicine and Healthcare 2011-2012 (8th Edition)
- 2008-12 *New York Super Doctors*
- 2012 Academic Pediatric Association's Research Award for Best Abstract by a Student to Nandini Govil, NYU School of Medicine, for PRENATAL SMOKE EXPOSURE AND SENSORINEURAL HEARING LOSS IN ADOLESCENTS (Authors: Michael Weitzman, Nandini Govil, Ying-Hua Liu, **Anil K. Lalwani**)
- 2012 Attia El Hami Lecturer and Visiting Professor, 2012 Resident Research Day, Division of Otolaryngology-Head and Neck Surgery, Dalhousie University, Halifax, Nova Scotia, Canada
- 2012 Distinguished Visiting Professor, Residents' Research Day (May 11, 2012), Department of Otolaryngology-Head and Neck Surgery, Western University, London, Ontario, Canada
- 2012-2015 Elected, Board of Directors, American Auditory Society
- 2012 Guest Speaker, New England Otolaryngological Society
- 2013 Elected, President-Elect, American Neurotology Society
- 2014 First Place (Research Year Category), 2014 P&S Student Research Day Poster Session to Catherine Kelso for: MICROPERFORATION MEDIATED ENHANCEMENT OF DIFFUSION ACROSS ROUND WINDOW MEMBRANE OF THE INNER EAR (Authors: Catherine M. Kelso, Hirobumi Watanabe, Zhen Jason Qian, Joseph M. Wazen Tizian Bucher, Jeffrey W. Kysar and **Anil K. Lalwani**)

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- 2014 Third Place, 9th Annual Metropolitan New York Resident Research Day Symposium to Gavriel Kohlberg, MD for: VISUAL SPEECH RECOGNITION: A LOW-COST, NON-INVASIVE, PORTABLE IMPLEMENTATION BASED ON THE KINECT (Authors: Gavriel Kohlberg, Amit Benjo-Shor, Eyal Shemer, Ya'akov Gal, **Anil K. Lalwani**)
- 2014 Invited Speaker, 36th National Congress of Otorhinolaryngology Disease and Head-Neck Surgery, Antalya, Turkey, November 5-9, 2014.
- 2014 *Prof. K. K. Ramalingam Oration* (Cochlear Implant Update 2014). 23rd Annual Conference of The Indian Society of Otology (ISOCON 2014), Chennai, India, November 14-16, 2014.
- 2014 Distinguished Invited Faculty, 23rd Annual Conference of The Indian Society of Otology (ISOCON 2014), Chennai, India, November 14-16, 2014.
- 2014 Life Honorary Member of the Indian Society of Otology
- 2015 Selected for “ARO Poster Pitch Blitz”: CHLORIDE SENSITIVE ELECTRODES FOR THE DETECTION OF ROUND WINDOW MEMBRANE PERFORATION (James P. Stevens, Joseph Wazen, Hirobumi Watanabe, Jeffrey W. Kysar, **Anil K. Lalwani**)
- 2015 Judge, Tenth Annual Metropolitan New York Resident Research Day Symposium (Host: New York Eye & Ear Infirmary), New York, NY
- 2015 Distinguished Guest and Judge, Thirteenth Annual Resident Research Forum and Resident Graduation Day, Louisiana State University – Shreveport, LA
- 2015 THE MALCOLM SCHVEY CLINICAL TEACHING AWARD, Columbia University/Cornell University Combined Otolaryngology Residency Program, New York, NY
- 2015 First Place, 15th Annual Resident’s Research Competition, Columbia University/Cornell University Combined Otolaryngology Residency Program, to Gavriel Kohlberg, MD for: MUSIC ENGINEERING AS A NOVEL STRATEGY FOR ENHANCING MUSIC ENJOYMENT IN THE COCHLEAR IMPLANT RECIPIENT (Authors: Gavriel D. Kohlberg, Michael V. Certo, Dean M. Mancuso, Divya A. Chari, **Anil K. Lalwani**)
- 2015-18 Re-Elected, Board of Directors, American Auditory Society
- 2015 Invited Speaker, 15th British Academic Conference in Otolaryngology (BACO), Liverpool, England
- 2015 Invited Guest Faculty, 13th Annual Conference of Cochlear Implant Group of India (CIGICON), Jaipur, Rajasthan, India

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- 2015 Invited Distinguished International Professor, XXXVII National Congress of the Mexican Federation of Otolaryngology-Head and Neck Surgery (FESORMEX), Monterrey, Nuevo Leon, Mexico
- 2016-17 President-Elect and Program Chair, American Auditory Society
- 2016 Invited Guest Faculty, 6th Annual Seattle Otology & Advanced Rhinology Course, Seattle, WA
- 2016 Invited Guest Faculty, LSU Temporal Bone Microsurgery and Dissection Course, New Orleans, LA
- 2016 Invited Guest Faculty, 2016 Tufts University-Boston University Otolaryngology Alumni Day, Boston, MA
- 2016 Inaugural Invited Lionel Colledge Lecturer, 2016 ENT UK Annual Meeting Royal College of Surgeons, London England
- 2016 Invited Speaker, 123ème congrès de la Société Française d'Oto-Rhino-Laryngologie et de Chirurgie de la Face et du Cou (French ENT Congress), Paris, France
- 2016 Invited Guest Speaker, El Colegio De Otorrinolaringologos Y Cirujanos De Cabeza Y Cuello Del Estado De Jalisco, A. C., Guadalajara, Jalisco, Mexico
- 2016 Invited Speaker, Royal Society of Medicine (Otology Section) London, United Kingdom
- 2017 Fellow, Royal College of Surgeons London, United Kingdom
- 2017-18 President, American Auditory Society
- 2017 Presidential Citation, American Neurotology Society: *“In Recognition of Your Leadership and Outstanding contributions to Education and Research in Otolaryngology and Neurotology in the areas of Cochlear Gene Therapy, the Genetics of Hearing Loss, and Cochlear Implants”*
- 2011-18 *Best Doctors in America* 2017-18
- 2017 Invited Speaker, XXXVI SIAF Congresso Societa Italiana Audiologia E Foniatria, Centro Didattico Policlinico S. maria Alle Scotte Siena, Italy
- 2017 *Meet the Expert*, Università degli Studi di Padova Padova, Italy

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- 2017 *Top Otolaryngologist in New York*, International Association of HealthCare Professionals (IAHCP), The Leading Physicians of the World
- 2018 Invited Guest and Keynote Speaker, The 4th International Symposium on Otosclerosis and Stapes Surgery, Krakow, Poland
- 2018 Invited Speaker, Center for Hearing and Balance, Department of Otolaryngology-Head & Neck Surgery, Johns Hopkins University School of Medicine, Baltimore, MD
- 2018 American Registry's America's Most Honored Professional
- 2018 First Place, 18th Annual Resident's Research Competition, Columbia University/Cornell University Combined Otolaryngology Residency Program, to Tiffany Peng, MD for: NOVEL WEB-BASED MUSIC RE-ENGINEERING SOFTWARE FOR MUSIC ENJOYMENT AMONG COCHLEAR IMPLANTEES (Authors: Tiffany Peng, **Anil K. Lalwani**)
- 2018 Invited Speaker and Panelist, 2018 Northeast Regional Mechanical Engineering Chairs Summit, New York, NY
- 2018 Keynote Speaker, Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum Annual Meeting, Beijing, China
- 2019 Invited Guest Speaker, Cochlear CELEBRATION, Nashville, TN
- 2019-2023 Appointed Member, Ear, Nose and Throat Devices Panel of the Medical Devices Advisory Committee of the Food and Drug Administration
- 2019 Invited Speaker, Inner Ear Biology Symposium: *Hearing Research – From History Into the Future*, Padua, Italy
- 2019 Robert A. Schindler, MD Endowed Lecturer, University of California San Francisco
- 2020 Inducted, Academy of Clinical Excellence, Vagelos College of Physicians and Surgeons, Columbia University,
- 2020-24 American Registry's America's Most Honored Professional
- 2006-24 Castle Connolly Medical Ltd: *New York Metro Area Top Doctor*
- 2021-26 Member, National Deafness and Other Communication Disorders Advisory Council (DCAC)
- 2022 Invited Speaker, International Invited Lecture Series, Association of Otolaryngologists of India (Delhi Branch)

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- 2022 Vice-President, New York Otological Society
- 2022 Distinguished Service Award, American Academy of Otolaryngology—Head & Neck Surgery
- 2023-24 President-Elect, Columbia University Asian Faculty Association (2-year term)
- 2023 Founding Field Chief Editor, Frontiers in Audiology and Otology
- 2023 President, New York Otological Society
- 2023 Invited Speaker, Department of Otolaryngology-Head and Neck Surgery, University of Helsinki, Finland
- 2023 Invited Speaker, HNO Congress 2023, Deutsche Gesellschaft für Hals-Nasen-Ohren-Heilkunde, Kopf- und Hals-Chirurgie, Leipzig, Germany
- 2023 Dr. Prem Kumar Kakar Oration, 45th Annual Conference, Association of Otolaryngologist of India (Delhi State Chapter), Delhi, India
- 2024 Librarian, New York Otological Society
- 2024 Elected to Association of American Physicians, Chicago, IL
- 2024 Top Asian American and Pacific Islander Doctors 2024
- 2024 Second Place, 24th Annual Resident's Research Competition, Columbia University/Cornell University Combined Otolaryngology Residency Program, to Michelle Yu, MD for: RISK OF HEARING LOSS IN NEONATES AND TODDLERS WITH *IN UTERO* EXPOSURE TO SARS-CoV-2 (Authors: Michelle Yu, **Anil K. Lalwani**)
- 2024 Invited Speaker, 3rd International Otolaryngology - Head & Neck Surgery Conference, ENT-HNS Moroccan College, Marrakech, Morocco
- 2024 Vyir Best Talk Award, Nanoscience Initiative, CUNY Advanced Science Research Center Symposium, New York, NY, to Daniella R. Hébert Hammer, PhD Student for: DESIGN & FABRICATION OF HOLLOW MICRONEEDLES FOR THE MURINE INNER EAR (Authors: Daniella R. Hébert Hammer, Eugenie Breil, Michelle Yu, Liana Sargsyan, Elizabeth S. Olson, Jeffrey W. Kysar, and **Anil K. Lalwani**)
- 2008-25 Castle Connolly Medical Ltd: *America's Top Doctors*
- 2016-25 *New York Super Doctors*

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- 2009-25 New York Magazine's *New York City's "Best Doctors"*
- 2025 Castle Connolly Medical Ltd: *Top AAPI Doctor*
- 2025-26 President, Columbia University Asian Faculty Association (2-year term)
- 2025 Invited Speaker, 4th International Symposium on Inner Ear Therapeutics, International Society for Inner Ear Therapeutics (ISIET), Marrakech, Morocco
- 2025 Invited Speaker, 96th Meeting of the German Society of Oto-Rhino-Laryngology, Head and Neck Surgery, Frankfurt, Germany
- 2025 Second Place, 19th Annual Metropolitan New York Resident Research Day Symposium, New York, NY to Michelle Yu, MD: NOVEL 3D-PRINTED MICRONEEDLES ENABLE CONTROLLED PERFORATIONS IN MOUSE ROUND WINDOW MEMBRANE: INSIGHTS FOR HUMAN APPLICATIONS (Authors: Michelle Yu, Daniella R. Hammer, Liana Sargsyan, Eugénie Breil, Elizabeth S. Olson, Jeffrey W. Kysar, **Anil K. Lalwani**)
- 2025 Charles W. Norris, MD Endowed Lecture, Kansas University Medical Center Graduation Symposium, Kansas City, Kansas
- 2025 Invited Speaker, 60th Inner Ear Biology Symposium: *Molecular Otology Symposium – Advanced Genetic Diagnostics, Drug Delivery and Drug Therapy*, Tubingen, Germany
- 2026 ARO Innovator Award in Clinical Science
- 2026 Paparella Lectureship, Department of Otolaryngology-Head and Neck Surgery, University of Minnesota

MEMBERSHIPS

- 1987-2013 American Academy of Otolaryngology-Head & Neck Surgery
- 1993-2008 American Society of Human Genetics
- 1993- Association for Research in Otolaryngology
- 1997- American College of Surgeons
- 1997- 2008 American Society of Gene Therapy
- 1999- American Otological Society
- 1999- American Neurotological Society
- 2002- The American Laryngological, Rhinological and Otological Society
- 2002- American Auditory Society
- 2003- Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum
- 2003- Society of University Otolaryngologists

EDITORIAL BOARD

1995 - Otology & Neurotology (formerly American Journal of Otolology)
1999 - 2004 International Editorial Board, Otolaryngology—Head and Neck
Surgery
Reappointed 2002
2000 - Acta Otolaryngologica (Stockh)
2001 - 2010 Head & Neck, Journal for the Sciences and Specialties of the Head and Neck
Reappointed 2004, 2007
2001 - 2006 Ear and Hearing (**Section Editor**: Otolology and Medical Sciences)
2006 - 2014 Ear and Hearing (**Editor At-Large**)
2002 - Laryngoscope
2004 - Annals of Otolology, Rhinology and Laryngology
2006 - 2012 Archives of Otolaryngology—Head & Neck Surgery (**Associate Editor**)
2009 - 2012 Physician Board for Otolaryngologic Clinics of North America
2009 - Triological Society Best Practice (TrioBP), Laryngoscope (**Section Editor**)
2010 - Hearing Health (Editorial Committee)
2013- Egyptian Journal of Ear, Nose, Throat and Neck Surgery (Founding Member)
2014-2017 Editor-in-Chief, eOtolaryngology, Thieme
2015- Laryngoscope Investigative Otolaryngology
2020- Hearing, Balance and Communication (**Associate Editor**: Neuro-Otology)
2023- Frontiers in Audiology and Otolology (**Field Chief Editor**)

AD HOC REVIEWER

Acta Oncologica
American Journal of Human Genetics
Archives of Otolaryngology—Head & Neck Surgery
Audiology & Neurotology
Cancer
Clinical Genetics
Ear and Hearing
European Journal of Human Genetics
Gene Therapy
Genetics in Medicine
Human Genetics
Human Molecular Genetics
Human Mutation
International Journal of Cancer
Journal of Comparative Neurology
Lancet
Laryngoscope
Molecular Neurobiology
Neurosurgery
New England Journal of Medicine
Otolaryngology—Head & Neck Surgery
Pediatric Pulmonology

UNIVERSITY, MEDICAL CENTER, SPECIALTY & GOVERNMENT SERVICE

University Service: Columbia University

- 2019-27 Elected to Columbia University Senate (four terms), Representing Vagelos College of Physicians and Surgeons
2019-21 Member, External Relations and Research Policy Committee, Columbia University Senate, Columbia University
2019-27 Member, Columbia University Senate Honors and Prizes Committee
2025-27 Chair, Columbia University Senate Honors and Prizes Committee
2020-21 Faculty Core Group, Columbia COVID Tech Innovation Group (<https://engineering.columbia.edu/covid-tech-innovation>)
2020- Oversight Committee, Columbia Biomedical Engineering Technology Accelerator (BiomedX)
2023-24 President-Elect, Columbia University Asian Faculty Association (2-year term)

University Service: Columbia University College of Physicians and Surgeons

- 2012-13 Member, West 51st Street Initiative
2012-13 Member, Neuroscience Clinical Initiative, P&S Strategic Plan Implementation Committee
2016 Education Subcommittee of the Culture of Collaboration & Common Mission Task Force
2017- Discover Subcommittee, Curriculum and Education Policy Committee
2018- Member, Department Committee on Appointments and Promotion
2018-21 Member, Faculty of Medicine Committee on Appointments and Promotion (COAP)
2020 Member, Post-COVID Recovery Task Force: Clinical Education Subcommittee
2021-23 Chair, Faculty of Medicine Committee on Appointments and Promotion (COAP)
2022 Member, Search Committee, Senior Associate Dean for Diversity, Inclusion, and Belonging
2024 Workgroup: Population-Based Studies
2024 VP&S Faculty Affinity Group Committee

Hospital Service: New York Presbyterian Hospital

- 2014- Member, Laser Safety Committee

Departmental Service: Columbia University College of Physicians and Surgeons

- 2012-2014 Member, Executive Committee
2012- Representative to the Faculty Council, Faculty of Medicine
2014-2015 Chair, Chief of Rhinology Search Committee
2014-2023 Member, Residency Clinical Competency Committee
2018 Chair, Savetsky Chair Advisory Committee

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

2020 Member, Procedures and Diagnostic Committee - Restart Guidelines

University Service: New York University School of Medicine

2004 Member, Ad hoc Committee, Faculty Disciplinary Action
2004 Member, Ad hoc Committee, Faculty Promotion
2004 Member, Dean's Recruitment Advisory Committee
2004 Co-Chair, Smilow Neuroscience Recruitment Committee
2004 Member, Pediatric Chair Search Committee
2004 Advisory Committee, NYU General Clinical Research Center (GCRC)
2004 Member, Dermatology Chair Search Committee
2004 Member, Deanship for the Postgraduate Medical School Search Committee
2004 Member, Steering Committee on Budget
2005 Dean's Council on Institutional Diversity (Chair, Leadership Diversity Advisory Group)
2005 Member Departmental Review Committee of the Department of Surgery
2005 Member, Institutional Setting Committee - Liaison Committee on Medical Education
2006 Chair, Departmental Review Committee of the Departmental of Forensic Medicine
2006 Member, Deanship for the Postgraduate Medical School Search Committee
2007-08 Member, Pediatric Chair Search Committee
2007-08 Member, Academic Excellence Commission
2008 Chair, Ad Hoc Investigation Committee (RE: Scientific Misconduct)
2010 Ad Hoc Committee on Tenure for Ravinder R. Regatte, PhD, Associate Professor of Radiology

Medical Center: New York University Medical Center

2003- 2009 Member, Executive Council of the Medical Board, NYU Medical Center
2006 Chair, Ad Hoc Committee Investigation, Department of Radiology

Departmental Service: New York University School of Medicine

2003- 2009 Member, Resident Selection Committee
2003- 2009 Member, Curriculum Committee
2003- 2006 Member, Head & Neck Recruitment Committee
2003- 2004 Member, Laryngology Recruitment Committee
2003- 2005 Member, Vestibular Recruitment Committee
2003- 2009 Member, Pediatric Otolaryngology Recruitment Committee
2010- 2012 Member, Research Faculty Recruitment Committee

Departmental Service: University of California San Francisco School of Medicine

1994-96 Member, Budget Committee
1994- 03 Member, Resident Selection Committee
1994-96 Member, Space Committee
1996- 03 Director, Medical Student Research Electives
1998-99 Member, Executive Committee
1999- 01 Member, Finance Committee
1999 General Otolaryngology Faculty Search Committee
2000 Pediatric Otolaryngology Faculty Search Committee

University Service: University of California San Francisco School of Medicine

1997-2000	MD with Thesis Committee
1999-2000	Chair Search Committee, Dept. of Otolaryngology-Head & Neck Surgery
2000	Practice Management CPO
2001-2002	Advisory Committee to the Pediatric Clinical Research Center
2001	Neuromonitoring Chief Search Committee, Department of Neurosurgery

Specialty Service

1995-2003	Committee on Research in Otolaryngology, American Academy of Otolaryngology—Head & Neck Surgery
1998-2000	Research Committee, Deafness Research Foundation
1996-2003	Chairman, Research Committee, Hearing Research, Inc.
1998-2001	Physician Research Training Committee, Association for Research In Otolaryngology
1999- 2002	Hearing Subcommittee, American Academy of Otolaryngology—Head & Neck Surgery, Inc.
1999-2004	Research Committee, American Neurotological Society (Chair 2001-2004)
2001-2004	Continuing Medical Education Committee, American Neurotological Society
2002-2005	Program Advisory Committee, American Otological Society
2002-2005	Task Force on New Material, American Board of Otolaryngology
2002	Scientific Program Committee, American Neurotological Society
2003-2006	Media Relations Committee, Association for Research In Otolaryngology
2003-2010	Research Advisory Board, American Otological Society
2003-	Council of Scientific Trustees, Hearing Health Foundation (formerly Deafness Research Foundation)
2003- 2013	Board of Medical Advisors, The National Organization of Hearing Research Foundation
2005-2011	Home Study Course Faculty, American Academy of Otolaryngology—Head & Neck Surgery
2005-2009	Executive Council, American Neurotological Society
2006	Executive Committee for the New Coalition on Effective Interventions For Infants and Young Children with Hearing Loss
2007	Scientific Program Committee, American Neurotology Society
2007-8	Oral Examiner, American Board of Otolaryngology
2007-2011	Otology and Neurotology Education Committee, American Academy of Otolaryngology—Head & Neck Surgery
2008	Scientific Program Committee, American Neurotology Society
2008- 2011	<i>Otology & Neurotology</i> Board of Directors, Representative of American Neurotology Society
2009-	Out-of-State Reviewer, PA Lions' Sponsored Research Projects, Pennsylvania Lions Hearing Research Foundation, Inc.
2009-2010	Intellectual Property Committee, The Triological Society
2009-2011	Association of Academic Departments of Otolaryngology's (AADO) Representative to American Academy of Otolaryngology-Head & Neck Surgery (AAO-HNS)

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

2009-2011 Physician Resources Committee, American Academy of Otolaryngology-Head & Neck Surgery
Chair, Scope and Subspecialty Issues Subcommittee

2009-2016 ARO Publication Committee, Association for Research in Otolaryngology
Chair (March 2010 – February 2016)

2009 Resident Award Review Committee (2010), The Triological Society

2010-2013 Secretary & Treasurer, American Neurotology Society

2010-2013 Chair, Investment Oversight Committee, American Neurotology Society

2010-2015 Long Range Planning Committee, American Neurotology Society

2011- Triological Research Review Committee, The Triological Society

2011 Member, Steering Committee, First Global Otology Research Forum (ANS, AOS, EAONA, Politzer Society)

2011- Board Member, Global Otology Research Forum

2012-2015 Board of Directors, American Auditory Society (Elected)

2012 Nominating Committee, Association for Research in Otolaryngology

2013-2014 President-Elect, American Neurotology Society

2013 Task Force on Student Membership, American Auditory Society

2013 Task Force on Management, American Auditory Society

2013-2016 Treasurer, American Auditory Society

2014-2015 President, American Neurotology Society

2014 Program Committee, American Auditory Society

2015 Program Committee, American Auditory Society

2015-2018 Board of Directors, American Auditory Society (Elected)

2015 Member, Program Committee, The Triological Society

2015- Chairman, Council of Scientific Trustees, Hearing Health Foundation

2015- Board of Trustees, Hearing Health Foundation

2015- Intellectual Property Committee, The Triological Society

2015-2016 President-Elect and Program Chair, American Auditory Society

2016-2017 President, American Auditory Society

2017 Alternate Delegate, National Nominating Committee, The Triological Society

2018 Program Advisory Committee, American Otological Society

2018-2021 Consumer Health Development Group (Otology & Neurotology), American Academy of Otolaryngology-Head & Neck Surgery

2019-2020 National Nominating Committee, The Triological Society

2019-2020 Treasurer, American Auditory Society

2019 Program Committee, American Auditory Society

2019-2022 Diversity and Minority Affairs Committee, Association for Research in Otolaryngology

2020 Search Committee, Hearing Restoration Program Scientific Program, Hearing Health Foundation

2020 Program Committee, American Auditory Society

2021 Ad Hoc Committee, Fondation Pour l'Audition (FPA) to choose scientific prizes of excellence in the field of hearing sciences research

2021-2027 Annual Meeting Program Committee, American Academy of Otolaryngology-Head and Neck Surgery

2022 Vice-President, New York Otological Society

2023 President, New York Otological Society

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- 2023- 2026 *Otology & Neurotology* Board of Directors, Representative of American
Otological Society
- 2024-2025 Librarian, New York Otological Society
- 2025- Secretary, US CORLAS Group
- 2026-2027 2nd Vice President, Eastern Section, The Triological Society (April 26, 2026 –
April 11, 2027)
- 2025-2026 2026 Spring Meeting Program Advisory Committee (PAC), American
Otological Society

Non-Specialty Service

- 2011 Member, Academic Affairs Committee, American Association of Physicians
of Indian Origin

Government Service

- 1997 Ad hoc, Special Emphasis Panel, Small Grants Program (R03), National
Institute on Deafness & Other Communication Disorders, National Institutes
of Health
- 1999 Ad Hoc Member, Integrative, Functional, and Cognitive Neuroscience
(IFCN6) Study Section, National Institutes of Health
- 1999 Ad Hoc Member, Communication Disorders Review Committee (Program
Project), National Institute on Deafness & Other Communication Disorders,
National Institutes of Health
- 2001 Ad Hoc Member, Communication Disorders Review Committee, National
Institute on Deafness & Other Communication Disorders, National Institutes
of Health
- 2003-2005 Member, Communications Disorders Review Committee (CDRC),
Department of Health & Human Services, National Institutes of Health (had to
resign to join FDA ENT Devices Panel)
- 2004 Consultant, Ear, Nose and Throat Devices Panel of the Medical Devices
Advisory Committee, Food and Drug Administration
- 2004-2005 Member, Constituent Expert Working Group on Effective Interventions for
Infants and Young Children with Hearing Loss, Office on Disability, U.S.
Department of Health and Human Services
- 2007 Ad Hoc Member, Communications Disorders Review Committee (CDRC),
Department of Health & Human Services, National Institutes of Health
- 2008 Ad Hoc Member, NIDCD Loan Repayment Plan Review Special Emphasis
Panel
- 2010- Member, Cochlear Implants Committee, Association for the Advancement of
Medical Instrumentation
- 2011- 2013 Member, Ear, Nose and Throat Devices Panel of the Medical Devices
Advisory Committee, Food and Drug Administration (February 2011 –
October 13, 2013)
- 2017 Member, Committee to Perform Five Year Review of Andrew J. Griffith, MD,
PhD, Scientific Director, Intramural Research Program, National Institute on
Deafness and Other Communication Disorders, NIH
- 2019-2023 Member, Ear, Nose and Throat Devices Panel of the Medical Devices
Advisory Committee of the Food and Drug Administration (Term:
04/09/2019 – 10/31/2023)

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

2019	X-62 NIDCD Clinical Trial on Cochlear Implants Review
2021-2026	Member, National Deafness and Other Communication Disorders Advisory Council (DCAC), NIH
2022	Search Committee, Clinical Director, National Institute on Deafness and Other Communication Disorders, NIH

TEACHING EXPERIENCE

Ph.D. Thesis Committee:

Vinay Gupta (2010)

Physiology & Neuroscience, New York University School of Medicine

Cindy Meng-Hsin Liu, MD (2014)

Molecular Genomics, Northern Arizona University

Antonio Prado de la Mora (2021)

Mechanical Engineering, Columbia University

Aykut Aksit (2022)

Mechanical Engineering, Columbia University

Wenbin Wang (2023)

Mechanical Engineering, Columbia University

Fitsum Ermias Petros (2023)

Mechanical Engineering, Columbia University

Postdoctoral Scholars:

Anand N. Mhatre, PhD (1994-1998)

P. Gerry Reilly, MD (1995)

Lawrence Lustig, MD (1995)

Aditi Mandpe, MD (1996)

Guillaume Charachon, MD (1996-1997)

Igor Shubayev, MD (1996-1998)

Markus Pfister, MD (1997-1998)

Michael Wareing, MD (1997)

Jayne Goldstein, PhD (1998-2001)

Jiping Qui, MD (1998-1999)

Tricia Kho, MD (1999 – 2000)

Charles J. Tseng, MD (1999- 2000)

Jussi Jero, MD (1999-2001)

Yuil Kim, MD (2000-2002)

Nicolas Gürtler, MD (2001-2002)

Jiang Li, PhD (2001-2004)

Yan Li, PhD (2002-)

Lei Feng, MS (2001-2003)

Nirmal Patel, MD (2003-2004)

Tina Huang, MD (2005-2006)

Pramod V. Panikkath, MD (2006-2007)

Christopher Wartmann, MD (2008-2009)

Calvin Chen-Hwan Wei, MD (2009)

Yelena Shmist, PhD (2010-11)

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

Hirobumi Watanabe, PhD (2011-2018)

Daniele De Seta, MD (2012)

Daniel S. Chow, MD (2012-13)

George Korres, MD (2013)

Sunita Chhapola Shukla, MD (2013)

Vipin Arora, MD (2013-2014)

Charlotte PrevotEAU, MD (2016-2017)

Hamid Bagce, MD (2018-2019)

Mustafa Baris, MD (2018-2020)

Dimitrios Fafalis, PhD (2018-2020)

F. Vicario-Quiñones, MD (2019)

Eugenie Breil, MD (2022-23)

Francois Voruz, MD (2022-23)

Liana Sargsyan, MD (2024-)

Medical Students:

Frederick C. Walters, UC San Francisco (Summer 1995)

Eugene Kim, New York University (Summer 1996)

Michael Ng, University of Southern California (Summer 1996)

Jay Han, Genentech Research Fellow, UC San Francisco (1996-1997)

Gerard Carvalho, Howard Hughes Medical Student Research Fellow, UC San Francisco (1996-1997)

Fred Randolph, Brown University (Summer 1997)

Robert Pettis, Deafness Research Foundation Fellow, UC Los Angeles (1997-1999)

Caley Castelein, UC San Francisco (1997-1998)

Ryan Stern, New York University (1999 – 2000)

Jeff Mandelcorn, University of Toronto (Summer 2000)

Doris Lin, UC San Francisco (Summer 2000)

Eugene Chu, UC San Francisco (Summer 2000)

Derek Mafong, UC San Francisco (Summer 2000)

Antoine Lyonel Carre, UC San Francisco (Summer 2002)

Derk Purcell, UC San Francisco (2001-2003)

Monica Lee, UC San Francisco (2002-2003)

Andrew Patel, UC San Francisco (2003-2004)

Kevin H. Wang, New York University (2004-2005)

Shilpa Mehra, SUNY Stonybrook (Summer 2004)

Pavan Mallur, New York University (2004)

Anish Y Parekh, New York University (Summer 2004-06)

Patrick Sullivan, New York University (Honors 2004-06)

David R. Friedmann, NYU SOM (Summer 2006)

Adam Weisstuch, NYU SOM (Summer 2006)

Carly Moerdyk, NYU SOM (Summer 2007)

Savannah E. Greyrose, Duke University (2007-08)

Arjun Majithia, NYU SOM (Summer 2008)

Sam Serouya, NYU SOM (Summer 2010)

Robert Peng, NYU SOM (2010-14)

Benjamin Rubinstein, Columbia P&S (Scholars Program 2012-13)

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

Divya Chari, Columbia P&S (Scholars Program 2013-14)
Matt Leskowitz, Columbia P&S (Scholars Program 2013)
Michael Certo, Columbia P&S (P&S Summer Research Program for 1st Year Medical Students, 2013-14)
Zhen Jason Qian, Columbia P&S (P&S Summer Research Program for 1st Year Medical Students, 2013; Scholars Project 2015-16)
Catherine M. Kelso, Columbia P&S (Dean's Research Fellow, 2013-14)
James P. Stevens, Columbia P&S (Dean's Research Fellow, 2014-15)
Brianna M. Griffin, Columbia P&S (Dean's Research Fellow, 2014-16)
Jenna Otter, Columbia P&S (Scholars Program, 2014-15)
Lauren T. Brown, Columbia P&S (Scholars Program, 2014-15)
Ashwini U. Dhokte, Columbia P&S (P&S Summer Research Program for 1st Year Medical Students, 2014)
Kapil Wattamwar, Rutgers New Jersey Medical School (Summer 2014, 2015)
Ravi R. Shah, Columbia P&S (Scholars Program, 2015-16)
John A. Stafford, Columbia P&S (Scholars Program, 2015-16)
John Nemer, Columbia P&S (P&S Summer Research Program for 1st Year Medical Students, 2015)
Erin M. Mamuyac, Columbia P&S (Scholars Program 2016-17)
Michael B. Chun, Columbia P&S (P&S Summer Research Program for 1st Year Medical Students, 2016; 2018-2019)
Yichun Fu, Columbia P&S (P&S Summer Research Program for 1st Year Medical Students, 2016)
Stephanie Y. Chen, Columbia P&S (Dean Research Fellow, 2016-17)
Daniel N. Arteaga, Columbia P&S (2017-2018)
Michelle Yu, Columbia P&S (Dean's Research Fellow, 2018-2019)
Muyinat Wande Osoba, Columbia P&S (Scholars Program 2018-2019)
Henry Chiang, Columbia P&S (2018-2019)
Lisa Tian, Columbia P&S (2018-2019)
Betsy Szeto, Columbia P&S (Dean's Research Fellow, 2019-2020)
Amber M. Parker, Columbia Vagelos P&S (P&S Summer Research Program for 1st Year Medical Students, 2019)
Christopher Valentin, Columbia P&S (2019-2020)
Lucas G. Axiotakis, Columbia P&S (2020)
Stephen Leong, Columbia P&S (2020-2022, Dean's Research Fellow, 2021-2022)
Seokyu (Phil) Leong, Columbia P&S (2020)
Rahul Sharma, Columbia P&S (2019-2020)
Michael W. Denham, Columbia P&S (P&S NIH SRP, Summer 2020)
Irene W. Su, Columbia VP&S (P&S NIH SRP, Summer 2021)
Diane Hu, Columbia VP&S (Dean's Research Fellow, 2022-23)
Sharon J. Feng, Columbia VP&S (Dean's Research Fellow, 2022-23)
Scott Kelly, Columbia VP&S (P&S NIH SRP, Summer 2023)
Isaac L. Alter, Columbia VP&S (P&S NIH SRP, Summer 2023, SPP 2025-2026)
Rhea Shah, Columbia VP&S (P&S NIH SRP, Summer 2024)
Nandita Vegesna, Columbia VP&S (P&S NIH SRP, Summer 2024)
Jordan Rubenstein, Columbia VP&S (P&S NIH SRP, Summer 2024)
Rishi Vas, Columbia VP&S (P&S NIH SRP, Summer 2024)
Akash Kapoor, Columbia VP&S (2024-25)

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

Ramzi Elased, Columbia VP&S (P&S NIH SRP, Summer 2025)

Zoe S. Marshall, Columbia VP&S (P&S NIH SRP, Summer 2025)

Miles J. Bomback, Columbia VP&S (P&S NIH SRP, Summer 2025)

Lauren L. Zhang, Columbia VP&S (AQA 2025 Carolyn L. Kuckein Student Research Fellowship, Summer 2025)

Undergraduates:

Bong Walsh, UC Santa Barbara (1994-1996)

Cynthia C. Wang, Texas A & M University (Summer 1997)

Kambridge Hribar, UC-Berkeley (1997 - 1999)

Jonathan Landry, New College of University of Southern Florida (Spring 1997)

Terry Haut, Reed College (1997-1998)

Amy Stoddard, Yale University (Summer 1998)

Jay Catena, UC Berkeley (Summer 1998)

Rebecca M. Shaffer, Yale University (Summer 1999)

Ethel D. Weld, New York University (2000-2001)

Michael Persky, Emory University (Summer 2004)

Shefali N. Shah, NYU (Summer 2008)

Elena Welt, Washington University (2009-10)

Franklin Caruana, Fordham University (Summer 2013)

Joseph Wazen, University of Pittsburgh (2013-2014)

Tizian Bucher, Columbia University (2013-2014)

Santiago Jaramillo, Columbia University (2012-2013)

Adam Rouman Chambers, BS, Columbia University (2015-16)

Jocelyn S. Chen (Columbia University 2022-2023)

Alexander Chui (Columbia University 2022-2023)

Madeleine Murr (Columbia University 2024-)

High School Students:

Jeremy Faust, University High School, San Francisco (Summer 1996, Summer 1997)

Aaron Katzman University High School, San Francisco (Summer 1997)

Charlene Mak, University High School, San Francisco (Summer 1999)

Alison S. Breen, Lick-Wilmerding High School, San Francisco (Summer 1999)

Jonathan Komisar, Horace Mann High School (Summer 2007)

POSTGRADUATE & COMMUNITY TEACHING

1988 Grand Rounds, Department of Otolaryngology - Head & Neck Surgery
University of California, San Francisco
PRESENTATION: Neurofibromatosis Update.

1988 Grand Rounds, Department of Otolaryngology - Head & Neck Surgery
University of California, San Francisco
PRESENTATION: Idiopathic Hemotympanum and Cholesterol
Granuloma in Children

- 1989 Maxillo-Facial Trauma Grand Rounds
San Francisco General Hospital.
PRESENTATION: Zygomatic Complex Fractures
- 1989 Surgical Grand Rounds, Department of Surgery
University of California, San Francisco
PRESENTATION: Mediastinitis
- 1990 Grand Rounds, Department of Otolaryngology - Head & Neck Surgery
University of California, San Francisco
PRESENTATION: Laryngeal Trauma
- 1990 Grand Rounds, Department of Otolaryngology - Head & Neck Surgery
University of California, San Francisco
PRESENTATION: Embolization for Recurrent Epistaxis
- 1991 Grand Rounds, Department of Neurological Surgery
University of California, San Francisco
PRESENTATION: Encephalocele and CSF Otorrhea
- 1991 The San Francisco Otology Update: 1991
Dept of Otolaryngology-Head & Neck Surgery, UCSF
San Francisco, California
PRESENTATION: Facial Nerve Imaging
- 1991 The San Francisco Otology Update: 1991
Dept of Otolaryngology-Head & Neck Surgery, UCSF
San Francisco, California
PRESENTATION: Meningiomas, Epidermoids, and Other Tumors of
the IAC and CPA
- 1992 Grand Rounds, Department of Neurological Surgery
University of California, San Francisco
PRESENTATION: Non-Acoustic Tumors of the Cerebellopontine Angle
- 1993 The San Francisco Otology Update: 1993
Dept of Otolaryngology-Head & Neck Surgery, UCSF
San Francisco, California
PRESENTATION: Otologic and Neurotologic Manifestations of AIDS
- 1994 Grand Rounds, Department of Otolaryngology—Head and Neck Surgery
University of Mississippi Medical Center, Jackson, MS
PRESENTATION: FN Outcome Following Acoustic Neuroma Surgery
- 1994 Intramural Research Seminar
National Institute on Deafness and Other Communication Disorders
PRESENTATION: Genetics of Deafness

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- | | |
|-----------|--|
| 1994 | Grand Rounds, Department of Otolaryngology—Head and Neck Surgery
University of Pennsylvania Medical Center, Philadelphia, PA
Johns Hopkins University Medical School, Baltimore, MD
University of Michigan Medical School, Ann Arbor, MI
Henry Ford Hospital, Detroit, MI
University of California San Francisco, San Francisco, CA
PRESENTATION: Adventures in Molecular Otology: In Search of Genes
That Cause Deafness |
| 1994 | Grand Rounds, Department of Neurological Surgery
University of California, San Francisco
PRESENTATION: Neurotologic Examination |
| 1994 | Medical Genetics Research Conference, Department of Pediatrics
University of California, San Francisco
PRESENTATION: Waardenburg Syndrome |
| 1994 | UC Otolaryngology Update: 1994
San Francisco, California
PRESENTATION: Hearing Loss in Children—Evaluation and Management |
| 1995 | Grand Rounds, Department of Otolaryngology—Head & Neck Surgery
University of California, San Francisco
PRESENTATION: Hereditary Hearing Impairment |
| 1995-2010 | American Academy of Otolaryngology—Head & Neck Surgery
INSTRUCTIONAL COURSE:Molecular Genetics for the Otolaryngologist |
| 1995 | UC Otology and Neurotology Update: 1995
San Francisco, California
PRESENTATION: Pediatric Cholesteatoma
PRESENTATION: How I Evaluate a Child With SNHL |
| 1995 | Cleft Palate Care for the ‘90s — A Symposium
San Francisco, California
PRESENTATION: The Cleft Palate Ear |
| 1996-2000 | Growth and Development 120, Department of Growth and Development
School of Dentistry, San Francisco, California
PRESENTATION: The Auditory Apparatus |
| 1996 | Grand Rounds, Department of Otolaryngology—Head & Neck Surgery
University of California, San Francisco
PRESENTATION: Gene Therapy |
| 1996 | UC Otolaryngology Update: 1996
San Francisco, California |

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- PRESENTATION: Genes and Hearing Loss
- 1994-01 Surgery S110 Course, UCSF School of Medicine
San Francisco, California
PRESENTATION: The Ear
- 1997 Grand Rounds, Department of Otolaryngology—Head & Neck Surgery
University of California, San Francisco
PRESENTATION: Laboratory of Molecular Otology- Research Update
- 1997 UCSF Medical School
PRESENTATION: Frontiers in Otolaryngology
- 1997 Grand Rounds, Department of Otolaryngology—Head & Neck Surgery
University of California, San Francisco
PRESENTATION: Aural Atresia: Classification, Treatment, Surgical
Technique, & Outcome
- 1997 John Muir Medical Center
Walnut Creek, CA
PRESENTATION: Universal Infant Hearing Screening and Childhood
Hearing Loss
- 1997 Special Lecture Series, Department of Medicine
UCSF-Fresno Medical Center, Fresno, CA
PRESENTATION: The Dizzy Patient
- 1997 Fresno VA Medical Center
Fresno, CA
PRESENTATION: The Dizzy Patient
- 1998 Digital Technology Applications for Adults with Severe and Profound HL
UCSF, San Francisco, CA
PRESENTATION Medical Issues in Hearing Loss
- 1998-2011 American Academy of Otolaryngology—Head & Neck Surgery
INSTRUCTIONAL COURSE: Pediatric Otology and Neurotology
- 1998 UC Otology and Neurotology Update
San Francisco, CA
PRESENTATION: How I Evaluate A Child With SNHL
PRESENTATION: Pediatric Cochlear Implantation
PRESENTATION: Aural Atresia: When and How
- 1999 Rehabilitation of Hearing Impairment
University of California and Advanced Bionics Corporation
San Francisco, CA
PRESENTATION: Cochlear Implantation

- 2000 UC Otolaryngology Update
San Francisco, CA
PRESENTATION: Impact of Molecular Genetic Research on the Practice of Otology
- 2000 Technological Advancements in Cochlear Implants
University of California and Advanced Bionics Corporation
Livermore, CA
PRESENTATION: Surgical Aspects of Cochlear Implantation
- 2000 UCSF OTO-HNS Grand Rounds
San Francisco, CA
PRESENTATION: Basics of Molecular Genetics
- 2000 UCSF School of Medicine: Anatomy 103
San Francisco, CA
PRESENTATION: The Auditory System
- 2000 UC Otology and Neurotology Update
San Francisco, CA
PRESENTATION: Special Considerations in Pediatric Cholesteatoma
PRESENTATION: Cochlear Implants: The State of the Art in Y2K
PRESENTATION: How Molecular Genetics Will Change Our Management of Ear Disease
- 2001 Bernstein's Otolaryngology Update
Honolulu and Maui, HI
PRESENTATION: Evaluating a Child with a Hearing Loss
PRESENTATION: Imaging the Temporal Bone: CT vs. MRI
PRESENTATION: Cholesteatoma Surgery: Canal UP or DOWN
PRESENTATION: Contemporary Management of Vertigo
PRESENTATION: Mastoid Surgery Complications: Management
PRESENTATION: Cochlear Implants: Update
- 2001 UCSF Otolaryngology Update
San Francisco, CA
PRESENTATION: Molecular Surgery in Otology
- 2001 Grand Rounds, Department of Otolaryngology—Head & Neck Surgery
University of California, San Francisco
PRESENTATION: Childhood Hearing Loss
- 2002 Grand Rounds, Department of Pediatrics
San Francisco General Hospital, San Francisco, CA
PRESENTATION: Hearing Loss in Children-Evaluation & Management
- 2002 Special Lecture Series, Department of Pediatrics

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- UCSF-Fresno Medical Center, Fresno, CA
PRESENTATION: Childhood Hearing Loss
PRESENTATION: Case Presentations
- 2002 UCSF Brown Bag Lecture Series
University of California, San Francisco
PRESENTATION: What's New in Cochlear Implantation?
- 2002 UCSF Otolaryngology and Neurotology Update
San Francisco, CA
PRESENTATION: How I Evaluate a Child with Hearing Loss
PRESENTATION: Role of Facial Nerve Monitoring in Middle Ear and Mastoid Surgery
PRESENTATION: Cochlear Implant Update
- 2003 UCSF Department of Neurology Grand Rounds
San Francisco, CA
PRESENTATION: Genetics of Childhood Hearing Loss
PRESENTATION: Cochlear Implantation
- 2003 NYU Department of Otolaryngology
New York, NY
PRESENTATION: Hearing Loss in Children
- 2003 NYU Open Forum on Cochlear and Brain Stem Implantations
New York, NY
PRESENTATION: Surgical Considerations in Cochlear Implantation
- 2003 Grand Rounds, Department of Neurology
NYU School of Medicine
PRESENTATION: Cochlear Implant Update
- 2003 2nd Annual NYU Cochlear Implant Symposium and Practicum
Post Graduate Course
New York, NY
PRESENTATION: Genetics of Hearing Loss
- 2003 NYU & DRF Citizens Research Conference: Advancements in Hearing Research & Technology
New York, NY
PRESENTATION: Hearing Loss
- 2004 NYU Department of Pediatrics Grand Rounds
New York, NY
PRESENTATION: Hearing Loss in Children

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

2004	NYU Faculty Council New York, NY PRESENTATION:	Department of Otolaryngology: The Next 5 Years
2004	Surgery Club, NYU School of Medicine New York, NY PRESENTATION:	Convolutd Path to a Successful Academic Career
2004	NYU Open Forum on Cochlear and Brain Stem Implants New York, NY PRESENTATION: PRESENTATION:	Hearing Loss Cochlear Implant Surgery
2004	Brooklyn Community Center Brooklyn, NY PRESENTATION: PRESENTATION:	Hearing Loss Cochlear Implant Surgery
2005	NYU Alumni Day CME Program New York, NY PRESENTATION:	New Surgical Technologies at the NYU SOM— Cochlear Implants
2005	Department of Physical Therapy, Weekly Rounds New York, NY PRESENTATION:	Genetic Contribution to Vestibular Disorders
2005	NYU Child Study Center New York, NY PRESENTATION:	Cochlear Implantation: An Overview
2006	ENT for the Non-Otolaryngologist New York, NY PRESENTATION:	Hearing Loss and its Management
2006	NYU Otolaryngology Grand Rounds New York, NY PRESENTATION:	Temporal Bone Trauma

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

2007	NYU Family Medicine Residency Educational Rounds New York, NY PRESENTATION: Adults	Hearing Loss in
2007	NYU SCENT Club New York, NY PRESENTATION: Career	Otolaryngology as a
2007	NYU Department of Pediatrics Grand Rounds New York, NY PRESENTATION: Implantation	Pediatric Cochlear
2008	NYU Otolaryngology Teaching Conference New York, NY PRESENTATION: Loss	Childhood Hearing
2008	NYU Otolaryngology Teaching Conference New York, NY PRESENTATION: Cancer	Temporal Bone
2008	NYU Department of Neurosurgery Grand Rounds New York, NY PRESENTATION: Neurotology	Basics of
2008	American Academy of Otolaryngology—Head & Neck Surgery New Orleans, LA INSTRUCTIONAL COURSE: Paragangliomas of the Head and Neck	
2008	NYU Department of Otolaryngology Grand Rounds New York, NY PRESENTATION: Genetics for the Otolaryngologist	Basic Molecular
2008	NYU Primary Care Internal Medicine Residency Program New York, NY PRESENTATION:	Hearing Loss
2008	NYU Department of Otolaryngology New York, NY PRESENTATION: Childhood SNHL	Radiology of

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

2008	NYU Department of Otolaryngology New York, NY PRESENTATION:	Interesting Otology/Neurotology Cases
2009	Hearing Loss Association of America (Manhattan Chapter) New York, NY PRESENTATION:	Cochlear Implant Update 2009
2009	NYU Department of Otolaryngology New York, NY JOURNAL CLUB:	Superior Semicircular Canal Dehiscence
2009	NYU Department of Otolaryngology New York, NY PRESENTATION:	Genetics of Hearing Loss
2009	NYU Department of Otolaryngology Bellevue Teaching Conference New York, NY PRESENTATION:	Interesting Cases
2009	NYU Department of Otolaryngology Teaching Conference New York, NY PRESENTATION:	Management of Vestibular Schwannoma
2009	NYU Department of Otolaryngology Grand Rounds New York, NY PRESENTATION:	Molecular Therapy in Otology
2010	American Academy of Otolaryngology—Head & Neck Surgery Boston, MA INSTRUCTIONAL COURSE:	Paragangliomas of the Head and Neck
2010	NYU Department of Otolaryngology Teaching Conference New York, NY PRESENTATION:	COCLIA: Facial Nerve
2011	NYU Department of Otolaryngology Teaching Conference New York, NY PRESENTATION:	Genetics of Hearing Loss

- 2011 Comprehensive Management of Common ENT Complaints in the Elderly
NYU School of Medicine, New York, NY
PRESENTATION: Lyric Hearing Aid
- 2013 Columbia Temporal Bone Dissection Course
New York, NY
PRESENTATION: Anatomy of the Temporal Bone
PRESENTATION: Temporal Bone Radiology
PRESENTATION: Atresia Surgery
PRESENTATION: Approaches to the Jugular Foramen/Jugular Bulb
- 2012 Columbia Department of Otolaryngology-HNS Grand Rounds
PRESENTATION: Cochlear Implantation Update 2012
- 2012 “Sound and Hearing” Class, Biomedical Engineering, Columbia University
New York, NY (Course Director: Elizabeth Olson)
PRESENTATION: Genetics of Hearing Loss
- 2012 Foundations in Clinical Medicine Course, Columbia University CPS
New York, NY
PRESENTATION: Otalgia, Nasal Obstruction
- 2012 American Academy of Otolaryngology—Head & Neck Surgery
Washington, DC
INSTRUCTIONAL COURSE: Paragangliomas of the Head and Neck
INSTRUCTIONAL COURSE: Pediatric Otology & Neurotology
PANEL: Cholesteatoma
PANEL: Hearing Loss—What’s New (Practice Pearls: Neurotology for the General Otolaryngologist)
- 2012 6th Annual Otolaryngology Update in New York City
New York, NY
PRESENTATION: Cochlear Implants: It’s Not Only for the Deaf Anymore!
PANEL: Panel Discussion: Challenges in Otology
- 2013 Foundations in Clinical Medicine Course, Columbia University CPS
New York, NY
PRESENTATION: Ear Anatomy
PRESENTATION: Otalgia, Sore throat
- 2013 Columbia Department of Otolaryngology-HNS Grand Rounds
New York, NY
PRESENTATION: Everything You Wanted to Know About Jugular Bulb But Were Afraid to Ask
- 2013 Columbia Temporal Bone Dissection Course

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- New York, NY
PRESENTATION: Anatomy of the Temporal Bone
PRESENTATION: Atresia Surgery
PRESENTATION: Approaches to the Jugular Foramen/Jugular Bulb
- 2013 7th Annual Symposium, Otolaryngology Update in NYC (Cornell)
PRESENTATION: Guideline Development Task Force
Recommendations For Sudden SNHL
PANEL: Otology
- 2014 “Sound and Hearing” Class, Biomedical Engineering, Columbia University
New York, NY (Course Director: Elizabeth Olson)
PRESENTATION: Cochlear Implantation
- 2014 NYU Langone Medical Center, Department of Otolaryngology—Head &
Neck Surgery Grand Rounds
PRESENTATION: Inner Ear Therapy
- 2014 American Academy of Otolaryngology-Head and Neck Surgery
San Francisco, CA
MINISYMPOSIUM: Managing the Unexpected in Otologic Surgery
- 2014 8th Annual Otolaryngology Update in New York City
New York, NY
PRESENTATION: Contemporary Management of Single Sided
Deafness
- 2016 New York Head and Neck Institute’s Implantable Auditory Devices Update
2016: Technology, Indications, Efficacy, and Safety, New York, NY
PANEL: Adult Case Presentations and Discussion
- 2016 10th Annual Otolaryngology Update in New York City
New York, NY
PRESENTATION: Tricks in Tympanoplasty
PANEL (MODERATOR): Interesting Otology Cases
- 2018 The Body: In Health & In Disease Preclinical Neuroscience Course, Columbia
College of Physicians and Surgeons
PRESENTATION: Disorders of the Cranial Nerves-III:
Auditory-Vestibular System in Health and Disease
- 2018 1st Endoscopic Ear, Eustachian Tube, and Sinus Surgery, Columbia University
New York, NY
PRESENTATION: Balloon Eustachian Tube Dilation
- 2018 12th Annual Otolaryngology Update in New York City
New York, NY
MODERATOR: Otology Session

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- PRESENTATION: Gamma Knife Therapy: Is It The Treatment of Choice for Vestibular Schwannoma?
- PANEL MODERATOR: What To Do In Single Sided Deafness
- 2019 The Body: In Health & In Disease Preclinical Neuroscience Course, Columbia College of Physicians and Surgeons
PRESENTATION: Brainstem-II: Balance and the Vestibular Pathway
- 2019 International Otolaryngology Update at Columbia University New York, NY
PRESENTATION: Conquering Barriers to Inner Ear Therapy
- 2019 2nd Annual Endoscopic Ear, Eustachian Tube, and Sinus Surgery, Columbia University, New York, NY
PRESENTATION: Eustachian Tube Balloon Dilation
- 2019 NYP-Columbia University Irving Medical Center Perioperative Education New York, NY
PRESENTATION: Hearing: How It Works & How We Can Make It Better
- 2020 The Body: In Health & In Disease Preclinical Neuroscience Course, Columbia College of Physicians and Surgeons
PRESENTATION: Brainstem-III: Balance and the Vestibular Pathway
- 2020 Otolaryngology Residency Didactic Teaching Program New York, NY
PRESENTATION: Cholesteatoma
- 2020 Economics of Healthcare and Pharmaceuticals (B8221 Section 1, Spring 2020 A term), Columbia Business School, New York, NY
PRESENTATION: Cochlear Implants: Are They Cost-Effective?
- 2020 Columbia COVID Tech Innovation Group New York, NY
WEBINAR: Columbia COVID Tech Innovation Group Inaugural Webinar
- 2020 3rd Annual Endoscopic Ear, Eustachian Tube, and Sinus Surgery, Columbia University, New York, NY
PRESENTATION: Eustachian Tube Balloon Dilation
PANEL: Endoscopic Ear Surgery and ETBD
- 2020 Health Outreach, NYP Allen Hospital New York, NY
PRESENTATION: Hearing and Balance
- 2020 14th Annual Otolaryngology Update in New York City

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

New York, NY

MODERATOR: Otology Session

PRESENTATION: Tricks in Tympanoplasty

PANEL MODERATOR: Challenging Cases of Hearing Loss and Ear Diseases

2021 The Body: In Health & In Disease Preclinical Neuroscience Course, Columbia College of Physicians and Surgeons

PRESENTATION: Brainstem-IV: Audition

PRESENTATION: Brainstem-III: Balance and the Vestibular Pathway

2021 Columbia VP&S Innovative Medicine Club and Otolaryngology Interest Group, New York, NY

PRESENTATION: Innovation in Otolaryngology

2021 NYP-MSCH Perioperative Staff Inservice
New York, NY

PRESENTATION: Hearing: How It Works and How We Can Make It Better

2021 Hearing Health Foundation: Our Health Matters: A Conversation with Anil Lalwani, MD

PRESENTATION: A Conversation About Hearing Health

2022 28th Annual Update and Intensive Review for Internal Medicine
New York, NY

PRESENTATION: What's New in Hearing Loss: From Hidden HL to OTC Amplification Devices and Everything In-Between

2022 15th Annual Otolaryngology Update in New York City
New York, NY

PRESENTATION: What You Need To Know About Cochlear Implants in 2022

2022 Hearing Health Foundation: Our Health Matters: A Conversation with Anil K. Lalwani, MD and Nancy M. Young, MD

PRESENTATION: A Conversation About Hearing Health

2023 Otolaryngology Residency Didactic Teaching Program
New York, NY

PRESENTATION: Contemporary Management of Cholesteatoma

2023 UC Irvine Otolaryngology Updates: 48 Hours of Live Webinar
Virtual Presentation

PRESENTATION: Tricks in Tympanoplasty

2023	Rare Diseases and Malformations of Head and Neck (Webinar), Association Internationale de Medecine Orale et Maxillo-faciale. France PRESENTATION: External, Middle and Inner Ear Abnormalities in Syndromic Patients
2023	16 th Annual Otolaryngology Update in New York City New York, NY PRESENTATION: Inner Ear Drug Delivery PANEL: Interesting Otologic Cases
2024	CUIMC Healthy Aging Initiative (CHAI) Symposium: Healthspan Extension Summit POSTER: Music To My Ears: Investigating Speech Quality Perception and Music Enjoyment in Adults With Hearing Loss
2024	American Academy of Otolaryngology—Head & Neck Surgery Annual Meeting and Expo, Miami Beach, FL COURSE: Temporal Bone Radiology: Basic to Advanced Part I COURSE: Temporal Bone Radiology: Basic to Advanced Part II
2024	Recent Advances in the Diagnosis & Management of Anderson-Fabry Disease 2024, Columbia University VP&S, New York, NY PRESENTATION: Natural History and Focused Therapy of Multiorgan Manifestations – ENT
2025	American Academy of Otolaryngology—Head & Neck Surgery Annual Meeting and Expo, Indianapolis, IN COURSE: Temporal Bone Radiology: Basic to Advanced Part I COURSE: Temporal Bone Radiology: Basic to Advanced Part II EXPERT LECTURE: Gene Therapy Update 2026

1988	Bay Area Residents' Research Symposium Oakland, California POSTER:	Mediastinal Complications of Head and Neck Infections
1988	American Academy of Otolaryngology-Head and Neck Surgery Washington, DC POSTER:	Idiopathic Hemotympanum and Cholesterol Granuloma in Children

1988 American Academy of C

California

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- 1990 Pacific Coast Oto-Ophthalmological Society
Vancouver, British Columbia, Canada
PRESENTATION: The Changing Face of Cervical Tuberculosis
- 1990 American Rhinologic Society
Annual Meeting, San Diego, California
PRESENTATION: Nasal Manifestations of Lepromatous Leprosy
- 1991 North American Skull Base Society
Annual Meeting, Lake Buena Vista, Florida
PRESENTATION: The Transsphenoidal Approach to the Superior
Clivus: Indication, Operative Technique, and Results
- 1991 American Academy of Otolaryngology-Head and Neck Surgery
Kansas City, Kansas
POSTER: Benign Congenital Cystic Teratoma of Tongue
- 1991 American Academy of Otolaryngology-Head and Neck Surgery
Kansas City, Kansas
POSTER: Actinomycosis of the External Auditory Canal
- 1991 Copenhagen Acoustic Neuroma Conference
Copenhagen, Denmark
PRESENTATION: Preoperative Differentiation Between Acoustic Neuroma
and Meningioma of the Cerebellopontine Angle
- 1992 American Skull Base Society (3rd Annual Meeting)
Acapulco, Mexico
PRESENTATION: Venous Restrictive Disease in Transverse/Sigmoid
Sinus Dural Arteriovenous Fistulas
- 1992 North American Skull Base Society (3rd Annual Meeting)
Acapulco, Mexico
POSTER: Radiation-Induced Fibrosarcoma Arising in a
Glomus Tumor
- 1992 American Rhinologic Society, Annual Meeting
Palm Desert, California
PRESENTATION: ¹¹¹Indium-Labeled Leukocyte Scan in Diagnosis of
Occult Sinus Infection
- 1992 American Academy of Otolaryngology—Head & Neck Surgery
Washington, DC
PRESENTATION: Preoperative Differentiation Between Acoustic
Neuroma and Meningioma of the Cerebellopontine
Angle Using MRI
- 1992 Waardenburg Consortium, American Society of Human Genetics

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

San Francisco, CA

PRESENTATION: Update on typing of Waardenburg Syndrome, Type 1 and Type 2, Families

1993 American Academy of Otolaryngology—Head & Neck Surgery
Minneapolis, MN

PRESENTATION: Facial Nerve Outcome Following Acoustic Neuroma Surgery

1993 Waardenburg Consortium, American Society of Human Genetics
New Orleans, LA

PRESENTATION: Mutations in Waardenburg Syndrome Families

1993 American Society of Human Genetics
New Orleans, LA

POSTER: A Family With New X-linked Nonsyndromic Sensorineural Hearing Loss

1993 American Society of Human Genetics
New Orleans, LA

POSTER: Locus Heterogeneity for Waardenburg Syndrome is Not Predictive of Clinical Subtypes

1993 NIH Research Festival
Bethesda, MD

POSTER: Linkage Studies on a Family With Novel X-linked Nonsyndromic Sensorineural Hearing Loss

1994 Association For Research in Otolaryngology
St. Petersburg Beach, Florida

POSTER: A Novel X-linked Nonsyndromic Sensorineural Hearing Loss Linked to Duchenne Muscular Dystrophy Locus

1994 American Neurotologic Society
Palm Spring, FL

PRESENTATION: Delayed Facial Nerve Palsy Following Acoustic Neuroma Surgery

1994 Society of Magnetic Resonance, Second Meeting
San Francisco, CA

PRESENTATION: Cortical Regions Involved in Processing Written English and American Sign Language by Hearing and Deaf Subjects: A Functional MRI Study at 4 Tesla

1994 Society of Neuroscience, Annual Meeting
Miami Beach, FL

- POSTER: Sentence Reading: A 4T fMRI Study of Cortical Regions Active During an English Reading Task
- 1994 Society of Neuroscience, Annual Meeting
Miami Beach, FL
POSTER: Biological Constraints and Effects of Experience on Cortical Organization for Language: An fMRI Study of Sentence Processing in English and American Sign Language (ASL) by Deaf and Hearing Subjects
- 1994 The American Society of Human Genetics
Montreal, Canada
PRESENTATION: A New Locus for Type 2 Waardenburg Syndrome Maps to 1p13.3-2.1
- 1994 American Academy of Otolaryngology—Head & Neck Surgery
San Diego, CA
PRESENTATION: Phenotypic Expression of Mutations Within the Homeodomain of PAX3 Causing Type 1 Waardenburg Syndrome
- 1995 2nd International Conference on Acoustic Neuroma Surgery
Paris, France
PRESENTATION: Familial Unilateral Acoustic Neuroma. A New Hereditary Syndrome or an Incomplete Form of NF2
- 1995 The American Laryngological, Rhinological and Otological Society
Palm Desert, CA
PRESENTATION: Growth Rate Characteristics of Acoustic Neuromas (ANs) Associated with NF2.
- 1995 American Academy of Otolaryngology—Head & Neck Surgery
New Orleans, LA
PRESENTATION: Cloning of the Guinea Pig α -ENaC, A Subunit of the Epithelial Sodium Channel, and Analysis of its Sequence and Expression in the Organ of Corti
- 1995 American Academy of Otolaryngology—Head & Neck Surgery
New Orleans, LA
POSTER: Characterization of the Guinea Pig Organ of Corti cDNA Library for Expression of AE Gene Family and Cloning and Sequence Analysis of its Most Abundant Member AE2
- 1995 The American Society of Human Genetics
Minneapolis, MN

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- POSTER SYMPOSIA: In Vivo Gene Therapy for Hearing Disorders
POSTER: Familial Unilateral Acoustic Neuroma
POSTER: Identification of a New Locus for Recessive Nonsyndromic Hereditary Hearing Impairment
- 1995 Molecular Biology of Hearing and Deafness
Washington, DC
PRESENTATION: Development of in vivo Gene Therapy for Hearing Disorders: Introduction of Adeno-Associated Virus into the Cochlea of Guinea Pig
POSTER: Identification of a Preferentially Expressed cDNA Clone From a Guinea Pig Organ of Corti Derived cDNA Library
POSTER: Three Mutations in the Paired Homeodomain of PAX3 That Causes Waardenburg Syndrome Type 1
- 1996 The American Society of Human Genetics
San Francisco, CA
POSTER: Long Term Transgene Expression Within Guinea Pig Cochlea Using Adeno-Associated Virus Vector
POSTER: Genetic Linkage Analysis in a Multigenerational Family With Hereditary Non-Chromaggin Paragangliomas
- 1996 European Work Group on Genetic of Hearing Impairment
Milano, Italy
PRESENTATION: Cochlear Gene Therapy
- 1997 Western Section Meeting, The Triological Society
Tucson, AZ
PRESENTATION: Perioperative Management of von Willebrand's Disease in Otolaryngologic Surgery
- 1997 Association for Research in Otolaryngology
St. Petersburg Beach, FL
PRESENTATION: Identification and Characterization of Aquaporin 2 in the Rat Inner Ear
PRESENTATION: The Effect of Cochleostomy and Intracochlear Infusion on Frequency Specific Auditory Brainstem Response
PRESENTATION: Green Fluorescent Protein as a Reporter for Gene Transfer Studies Into the Cochlea of a Guinea Pig
PRESENTATION: Long Term In Vivo Expressin of a Transgene Within the Guinea Pig Cochlea Introduced Via AAV
- 1997 American Neurotology Society
Scottsdale, AZ

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- PRESENTATION: Audiologic Presentation of Vestibular Schwannomas (VS) In NF2
- 1997 The Triological Society
Scottsdale, AZ
PRESENTATION: Genetic Screening of the NF2 Gene in Patients with Familial Unilateral Acoustic Neuroma
- 1997 American Otological Society
Scottsdale, AZ
PRESENTATION: The Clarion Multistrategy Cochlear Implant: Surgical Technique, Complications and Results
- 1997 American Academy of Audiology
Salt Lake City, Utah
POSTER: Reimplantation: STORZ to Clarion Cochlear Implant
- 1997 American Academy of Otolaryngology—Head & Neck Surgery
San Francisco, CA
POSTER: Sensorineural Hearing Loss, Early Greying and Essential Tremor: A Hereditary Syndrome
POSTER: Post-transplant Lymphoproliferative Disorder Presenting in the Head & Neck
PRESENTATION: Germline Screening of the NF-2 Gene in Families with Unilateral Vestibular Schwannoma (First Place Resident Clinical Science Award, Paul H. Bikhazi, MD)
POSTER: The Efficacy of Adeno-Associated Virus Mediated Introduction of Brain Derived Nerve Growth Factor in Preventing Neural Degeneration Following Aminoglycoside-Induced Ototoxicity in the Guinea Pig
- 1997 American Society of Human Genetics
Baltimore, MD
POSTER: A Gene For Recessive Nonsyndromic Sensorineural Hearing Impairment (DFNB18) Maps to the Chromosomal Region Containing the USH1C gene
- 1998 Association for Research in Otolaryngology
St. Petersburg Beach, FL
PRESENTATION: Identification of Aquaporin 4 in the Rat Cochlea and Assessment of Auditory Function in Aquaporin 4 Gene Knock-Out Mice Ear

PRESENTATION: Intracochlear Infusion of Recombinant Adeno-Associated Virus: Analysis of its Dissemination to Near and Distant Tissues

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- PRESENTATION: Liposome Mediated Gene Transfer in the Guinea Pig Cochlea
- 1998 American Neurotology Society
Palm Beach, FL
PRESENTATION: Expression of Adeno-Associated Virus Integrated Transgene Within the Mammalian Vestibular Organ (NICHOLAS TOROK VESTIBULAR AWARD)
- 1998 American Society of Pediatric Otolaryngology
Palm Beach, FL
PRESENTATION: Auditory and Facial Nerve Dysfunction in Patients with Hemifacial Microsomia
- 1998 Gene Therapy Core Center, UCSF
San Francisco, CA
PRESENTATION: Current Issues in Cochlear Gene Therapy
- 1998 Bay Area Resident Research Symposium
Oakland, CA
PRESENTATION Genetic Screening of the NF2 Gene in Families With Unilateral Vestibular Schwannoma
- 1998 American Society of Gene Therapy
Seattle, WA
POSTER: Lentivirus Mediated Gene Transfer In The Guinea Pig Cochlea
POSTER: Cationic Liposome-Mediated Gene Transfection In The Guinea Pig Cochlea Using Reporter Gene Green Fluorescent Protein
POSTER: Use Of Cochlear Organotypic Culture System For Assessing Utility Of Lentivirus As A Gene Transfer Vector In Cochlear Gene Therapy
- 1998 The Molecular Biology of Hearing and Deafness
Bethesda, MD
PRESENTATION: Intracochlear Gene Therapy: The Relative Safety of Four Different Gene Transfer Vectors
POSTER: Lentivirus Mediated Gene Transfer in the Guinea Pig Cochlea
POSTER: DFNA17: A New Locus For Nonsyndromic Hearing Loss Maps to Chromosome 22
- 1999 Association for Research in Otolaryngology
St. Petersburg Beach, FL

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- PRESENTATION: Effects of AAV-Mediated Expression of BDNF Gene Upon Spiral Ganglion Neurons Following Ototoxic Insult
- 1999 European Work Group on Genetic of Hearing Impairment
Venizia, Italy
PRESENTATION: AAV and Lentivirus Mediated Gene Transfer in the Cochlea
- 1999 American Neurotologic Society
Palm Desert, CA
PRESENTATION: Familial Paraganglioma: The Empact of Molecular Genetics on Evaluation and Treatment
- 1999 American Academy of Otolaryngology-Head & Neck Surgery
New Orleans, CA
PRESENTATION: Nonviral Intracochlear Gene Therapy
- 1999 American Society of Human Genetics
San Francisco, CA
POSTER: A Novel Nonsyndromic Recessive Form of Deafness Maps to 4q28 and Demonstrates Incomplete Penetrance
- 2000 Association for Research in Otolaryngology
St. Petersburg Beach, FL
PRESENTATION: Adeno-Associated Virus Mediated Gene Transfer Into the Mouse Cochlea
PRESENTATION: In Vivo Intracochlear Transgene Delivery: Its Effect Upon Auditory Function and Structure
PRESENTATION: The Rat Gamma EnaC, A Subunit of the Epithelial Sodium Channel: cDNA Cloning and In Situ Localization in the Cochlea
PRESENTATION: Clinical Identification of a Large 5 Generation Family With Autosomal Dominant Sensorineural Hearing Loss
- 2000 The Triological Society
Orlando, FL
PRESENTATION: Lateral Semicircular Canal Malformation is Associated with SNHL and CHL
POSTER: Role of Angiography in the Evaluation of Patients with Pulsatile Tinnitus
- 2000 13th Annual Meeting, Major Issues in Prion Research
San Francisco, CA
PRESENTATION: Auditory Dysfunction in Transgenic PrP^c Mice
- 2000 American Academy of Otolaryngology-Head & Neck Surgery

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- Washington, DC
PRESENTATION: Detection of Fungi in the Nasal Mucosa Using Polymerase Chain Reaction
PRESENTATION: Postoperative Infections Following Cochlear Implantation: A Conservative Management Strategy
- 2001 Western Section, The Triological Society, Carlsbad, CA
PRESENTATION: Vestibular Aqueduct As a Portal of Bacterial Entry Into the Inner Ear in Meningitis
PRESENTATION: The Value of Enhanced MRI in the Evaluation of Endocochlear Disease
- 2001 Association for Research in Otolaryngology, St. Petersburg Beach, FL
PRESENTATION: Human Nonsyndromic Hereditary Deafness DFNA17 is Due to Mutation in Nonmuscle Myosin MYH9
PRESENTATION: Mutation Analysis of PGL1 in Sporadic and Familial Head and Neck Paraganglioma
POSTER: Intracochlear Delivery of Therapeutic Agent Through an Intact Round Window Membrane in Mouse
POSTER: Further Dissection of the DFNA2 Locus: Is There a Third Gene?
- 2001 The Triological Society
Palm Desert, CA
PRESENTATION: Utility of Laboratory Evaluation in the Diagnostic Evaluation of Children with Sensorineural Hearing Loss
- 2001 IXTH International Facial Nerve Symposium
San Francisco, CA
PRESENTATION: Facial Nerve Monitoring in Middle Ear and Mastoid Surgery
- 2001 American Academy of Otolaryngology-Head & Neck Surgery
Denver, CO
PRESENTATION: Connexin 26 Mutations in Cochlear Implant Recipients: Prevalence and Outcomes
PRESENTATION: Role of Fungi in Acute and Serous Otitis Media
PRESENTATION: Rapid and Sensitive PCR Assay for the Detection of Nasal Pathogen Bipolaris
POSTER: The Use of Preyer's Reflex in Evaluating Hearing in Experimental Mice
POSTER: Role of DNA Viruses in the Etiology of Benign Parotid Tumors
- 2001 American Academy of Pediatrics
San Francisco, CA

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- PRESENTATION: Ocular Findings are Common in Children with Sensorineural Hearing Loss
- 2002 Association for Research in Otolaryngology
St. Petersburg Beach, FL
PRESENTATION: Characterization of Prion Protein (PrP)-Induced Hearing Loss and Its Pathophysiology in Transgenic Mice
- 2002 American Academy of Otolaryngology-Head & Neck Surgery
San Diego, CA
PRESENTATION: CT Measurements Are Crucial in Diagnosis of Inner Ear Malformations
POSTER: Clinical Manifestations of Mutations in CX26
POSTER: Significance of House-Brackmann Facial Nerve Grading Global Score in the Setting of Differential Facial Nerve Function
- 2002 UCSF 3rd Annual Clinical Research Symposium
San Francisco, CA
POSTER: Cochlear Implant Outcomes in Older Patients
- 2003 Western Section, The Triological Society
Indian Wells, CA
PRESENTATION: Otolaryngologic Manifestations of Cleidocranial Dysplasia, Concentrating on Audiologic Findings
- 2003 Association for Research in Otolaryngology
Daytona Beach, FL
PRESENTATION: Effect of Overexpression of Cu/Zn Superoxide Dismutase on Noise- and Age-Related Hearing Loss
PRESENTATION: The FGF Antagonist Sef is Expressed in the Auditory System and May be Required for Hearing
PRESENTATION: Cloning and Developmental Expression of Nonmuscle Myosin IIA (MYH9) in the Mammalian Inner Ear
- 2003 The Triological Society
Nashville, TN
POSTER: Identification of Previously 'Undetectable' Abnormalities of the Bony Labyrinth with CT Measurement
POSTER: Quantitative Analysis of Fungal DNA in Chronic Rhinosinusitis
- 2003 American Neurotology Society
Nashville, TN

- PRESENTATION: Cochlear Implantation in the Elderly
- 2004 VIII International Cochlear Implant Conference
Indianapolis, IN
PRESENTATION: Expanding Candidacy for Cochlear Implantation
POSTER: Soft Signs and Reimplantation of Cochlear Implant Failures in Children
- 2004 American Academy of Otolaryngology- Head & Neck Surgery
New York, NY
POSTER: Immunohistochemical Detection of Hypoxia-Induced Factor-Alpha in Endolymphatic Sac Tumors
- 2005 American Society of Neuroradiology, 43rd Annual Meeting
Toronto, Ontario, Canada
PRESENTATION: Two Measurements on Temporal Bone CT Increase Recognition of Inner Ear Malformation and Predict Sensorineural Hearing Loss
PRESENTATION: The Cochlear - Carotid Interval: Anatomic Variation And Potential Clinical Implications
- 2006 Association for Research in Otolaryngology
Baltimore, MD
POSTER: Myh9 in the Mammalian cochlea: Localization Within the Stereocilia
POSTER: Generation and Characterization of Mice with Myh9 Deficiency
- 2006 American Otological Society
Chicago, IL
PRESENTATION: Outcomes in Speech Perception Following Left and Right-Sided Cochlear Implantation
- 2006 First Metropolitan New York Resident Research Day Symposium
New York, NY
PRESENTATION: Implication of Central Asymmetry in Speech Processing on Selecting the Ear for Cochlear Implantation
- 2006 Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum
Moscow, Russia
PRESENTATION: In Search of MYH9, MYH10, and MYH14 Splice Variants in the Mammalian Cochlea
- 2007 Section Meetings, Triological Society
Marco Island, FL

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- PRESENTATION: Isolation of a Common Respiratory Viral Pathogen in Nasal Polyps Using Polymerase Chain Reaction
- PRESENTATION: Cochlear implantation in children with CHARGE syndrome: therapeutic decisions and outcomes
- POSTER: The Impact of the Size of Auditory Nerve at Base of Cochlea on Cochlear Implantation Outcome
- 2007 American Neurotology Society (42nd Annual Spring Meeting)
San Diego, CA
- PRESENTATION: Steroid Responsive Auditory Neuropathy/Dys-Synchrony is Suggestive of CNS Pathology
- PRESENTATION: Auditory Benefits of Bilateral Sequential Cochlear Implantation in Children and Adults
- 2007 2nd Annual Metropolitan New York Resident Research Day Symposium
New York, NY (Cornell)
- PRESENTATION: Impact of Size of Auditory Nerve at Base of Cochlea on Cochlear Implantation Outcome
- PRESENTATION: Auditory Benefits of Bilateral Sequential Cochlear Implantation in Children and Adults
- 2007 Video Vision Conference, CUNY
New York, NY
- PRESENTATION: Using Video in the Study of Deaf Children with Cochlear Implants: The Role of Verbal and Non-Verbal Behavior
- 2008 111th Annual Meeting of The Triological Society
Orlando, FL
- PRESENTATION: Predictors of Cochlear Implant Outcomes in Families with Multiple Implant Recipients
- POSTER: Aquaporin 4, But Not Aquaporin 2, May Play a Role in the Etiology of Meniere's Disease
- 2008 American Neurotology Society
Orlando, FL
- PRESENTATION: The Effect of Reduced Cochlear Implant Electrodes on Performance
- PRESENTATION: Speech Perception Outcomes Following Cochlear Implantation Using Partial Insertion or Split Electrode Array
- 2008 American Society of Head and Neck Radiology
Toronto, Ontario, Canada

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- POSTER: Postoperative MRI Grading of Temporal Lobe Gliosis after Middle Cranial Fossa Approach to the Internal Auditory Canal
- 2008 American Academy of Otolaryngology- Head & Neck Surgery
Chicago, IL
PRESENTATION: Global vs. Regional HB Score: Reporting Facial Nerve Function
- 2008 Society for Neuroscience
Washington, DC
POSTER: Magnetoencephalographic Recording From Tinnitus Patients During Masking Procedures: An Example of Thalamocortical Dysrhythmia
- 2009 Association for Research in Otolaryngology
Baltimore, MD
POSTER: Clinical and Molecular Genetic Analysis of a Family with Macrothrombocytopenia (MTCP) and Early Onset Sensorineural Hearing Loss (SNHL)
- 2009 Dysphagia Research Society
New Orleans, LA
POSTER: Swallowing Physiology After Skull Base Tumor Resection
- 2009 Eastern Psychological Association Convention
Pittsburgh, PA
PRESENTATION: Peer Interactions of Children With Cochlear Implants: The Effects of Group Size
- 2009 4th Annual Conference on the Health of the African Diaspora: Challenges and Solutions from Medical School to Practice and Leadership
New York, NY
PRESENTATION: Mentoring to Achieve Diversity and Excellence Among Faculty and Leadership – Some Key Elements in the Faculty Mentoring and Leadership Development Programs at NYULMC
PANEL: Faculty Development: Two Models of Advancement
- 2009 9th European Symposium on Paediatric Cochlear Implantation
Warsaw, Poland
PRESENTATION: Remote Intraoperative Monitoring During Cochlear Implant Surgery is Feasible and Efficient
- 2009 American Neurotology Society
Phoenix, AZ

- PRESENTATION: Clinical Spectrum of Patients With Erosion of the Inner Ear by Jugular Bulb Abnormalities
- 2009 American Society of Head and Neck Radiology
New Orleans, LA
EDUCATIONAL EXHIBIT: Jugular Bulb Abnormalities: Another Cause of Hearing Loss?
- 2009 American Academy of Otolaryngology-Head & Neck Surgery
San Diego, CA
PRESENTATION: MYH9 Mutant Alleles: Effects Upon MDA-MB-231 Cell Phenotype
- 2009 Society for Neuroscience
Chicago, IL
POSTER: Objective Determination of Tinnitus Type Through Magnetoencephalography
- 2010 American Neurotology Society
Las Vegas, NV
PRESENTATION: Intraoperative Neural Response Telemetry (NRT) as Predictor of Performance
- 2010 American Society of Pediatric Otolaryngology
Las Vegas, NV
POSTER: A Large Jugular Bulb Diverticulum Impinging on the Ossicular Chain
POSTER: The Otologic Microbiome: A Case Study on Bacterial Microbiota in a Pediatric Patient with Chronic Suppurative Otitis Media
- 2010 The Triological Society
Las Vegas, NV
POSTER: Anesthetic Complications Associated with Pediatric Cochlear Implantation
- 2010 11th International Conference on Cochlear Implants and other Implantable Auditory Prosthesis, Stockholm, Sweden
PRESENTATION: Bacterial Meningitis Following Cochlear Implantation: 2010
PRESENTATION: Cochlear Implantation in Unilateral Deafness
POSTER: Co-Morbidities, Not Age, Is Predictive of Anesthetic Complications in Pediatric Patients Undergoing Cochlear Implantation
- 2010 Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum
Budapest, Hungary

- PRESENTATION: The Otologic Microbiome: A Preliminary Report of Otopathogens in Cholesteatoma and Chronic Suppurative Otitis Media Using 16S rRNA Gene Based Pyrosequencing Analysis
- 2010 American Academy of Otolaryngology-Head & Neck Surgery
Boston, MA
PRESENTATION: Pyrosequencing-Based Analysis of Middle Ear Microbiota
- 2011 13th Symposium on Cochlear Implants in Children
PRESENTATION SECM Based High Resolution Distance Sensor Array For Robotic Cochlear Implant
- 2011 American Neurotology Society
Chicago, IL
PRESENTATION: Spectrum of Clinical Presentation Associated with Jugular Bulb Abnormalities
PRESENTATION: The Longitudinal Risk of Meningitis Following Cochlear Implantation Associated with the Use of the Positioner
- 2011 American Otological Society
Chicago, IL
PRESENTATION: Meningitis Following Cochlear Implantation Continues to be a Problem in 2010
PRESENTATION: Development of the Jugular Bulb and Its Abnormalities: A Radiologic Study
- 2011 10th European Symposium on Paediatric Cochlear Implantation
Athens, Greece
PRESENTATION: Do We Need a Hearing Aid Trial in Profoundly Deaf Child? Yes or NO?
PRESENTATION: Recent AB Failure, Its Mechanism, Clinical Presentation, and Potential of This Failure Mechanism With Other Devices
SESSION: Basic Research I
- 2011 Eastern Section Triological Society Resident Research Day
New York, NY
PRESENTATION: Prevalence of Jugular Bulb Abnormalities and Resultant Inner Ear Dehiscence: A Histopathologic and Radiologic Study
- 2011 13th Symposium on Cochlear Implants in Children
Chicago, IL
PRESENTATION: The Longitudinal Risk of Meningitis Associated with the Use of the Positioner

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- PRESENTATION: Meningitis Following Cochlear Implantation
Remains a Problem in 2011
- POSTER High Resolution Distance Sensor Array Applying
Scanning Electrochemical Microscope for Robotic
Cochlear Implant
- 2010 Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum
Brugge, Belgium
PRESENTATION: Jugular Bulb and Its Abnormalities: A
Comprehensive Clinical and Radiologic Study
- 2011 Annual Meeting of the American Academy of Otolaryngology-Head & Neck
Surgery, San Francisco, CA
POSTER: Prevalence of Jugular Bulb Abnormalities and
Resultant Inner Ear Dehiscence: A Histopathologic
and Radiologic Study
- 2012 Triological Society Combined Sections Meeting
Miami Beach, Florida
POSTER: Efficacy of “Hammock” Tympanoplasty in the
Treatment of Anterior Perforations
POSTER: Simultaneous Management of Malleus Fixation
during Stapedectomy for Otosclerosis
- 2012 American Otological Society
San Diego, CA
PRESENTATION: Large Jugular Bulb Abnormalities Involving the
Middle Ear
- 2012 Academic Pediatric Association
Boston, MA
PRESENTATION: Prenatal Smoke Exposure and Sensorineural
Hearing Loss in Adolescents
- 2012 Annual Meeting of The Triological Society
San Diego, CA
PRESENTATION: Obesity is Associated With SNHL in Adolescents
- 2012 Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum
Rome, Italy
PRESENTATION: Second Hand Smoke Exposure During Pregnancy
and Early Childhood Causes SNHL in Young
Adolescent
- 2012 American Society of Head and Neck Radiology (46th Annual Meeting)
Miami Beach, FL
POSTER: MR Evaluation of the Vestibulocochlear Nerve in
Sudden SNHL

- 2013 American Academy of Audiology
Anaheim, CA
RESEARCH POSTER: The Predictive Value of Pre-Operative
Electronystagmography on Cochlear Implant
Outcome (AudiologyNOW!)
- 2013 American Neurotology Society
Orlando, FL
POSTER: Differentiation of Intracochlear Tumor from
Inflammation Using MRI
- 2013 American Otological Society
Orlando, FL
PRESENTATION: Implication of Microanatomy and Mechanical
Properties of the Round Window Membrane for
Designing Transducer for Mechanical Stimulation
- 2013 The Triological Society
Orlando, FL
POSTER: Failure on Infant Hearing Screening is Associated
with Birth Delivery Method
- 2013 Eighth Annual Metropolitan New York Resident Research Day Symposium
New York, NY
PRESENTATION: Features of Music That Affect Its Enjoyment
Following Cochlear Implantation
- 2013 7th International Conference on Children's Health, Environment and
Safety
Jerusalem, Israel
POSTER: Obesity is
Associated With Sensorineural Hearing Loss in
Adolescents
POSTER: Maternal Smoking
and Hearing Loss Among Adolescents
POSTER: Secondhand Smoke
Exposure And Sensorineural Hearing Loss in
Adolescents
- 2013 American Academy of Otolaryngology—Head & Neck Surgery
Vancouver, Canada
PRESENTATION: Features of Music
That Affect Its Enjoyment Following Cochlear
Implantation
- 2013 29th Annual Meeting of the William House Cochlear Implant Study
Group

Vancouver, Canada

PRESENTATION:

A Route Less

Travelled...Retrofacial Approach for Cochlear
Implantation

2013

American Cochlear Implant Alliance's CI 2013 Symposium

Washington, DC

POSTER:

Longitudinal Study

of Electrode Impedance Stability

2013

Politzer Society (29th Annual Meeting)

Antalya, Turkey

PRESENTATION:

Radiologic

Evaluation of Childhood SNHL

2013

The 9th Asia Pacific Symposium on Cochlear Implant and Related
Sciences

Hyderabad, India

PRESENTATION:

Music Engineering

Enhances Its Enjoyment Following Cochlear
Implantation

2014

Triological Society 2014 Combined Sections Meeting

Miami Beach, Florida

POSTER:

Asymmetric

Hearing Loss is Common and Benign in Patients 95
Years and Older

2014

Eastern-Atlantic Student Research Forum

Miami, Florida

POSTER:

Microperforation

Mediated Enhancement of Diffusion Across Round
Window Membrane of the Inner Ear

2014

American Otological Society

Las Vegas, NV

PRESENTATION:

Modulation of

Reverberation Time Influences Musical Enjoyment
With Cochlear Implant

PRESENTATION:

Pöschl

Reconstruction in Assessment of Vestibular
Aqueduct

PRESENTATION:

Creation of

Microperforation Significantly Enhances Diffusion
Across Round Window Membrane

PRESENTATION:

Reverberation Time

(RT60) Impacts Musical Enjoyment With Cochlear
Implant

- 2014 American Neurotology Society
Las Vegas, NV
PRESENTATION: Familiarity of
Music and Instrument Type Influences Music
Enjoyment
- 2014 9th Annual Metropolitan New York Resident Research Day Symposium
New York, NY
PRESENTATION: Visual Speech
Recognition: A Low-Cost, Non-Invasive, Portable,
Implementation Based on the Kinect
- 2014 13th Annual Eastern Auditory Retreat
New York, NY
PRESENTATION: Hyperbolic
Paraboloid Shape of Round Window Membrane is
Responsible for Its Stability Across Wide Pressure
Range
- 2014 61st Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum
Istanbul, Turkey
PRESENTATION: Microperforations Significantly Enhance Diffusion
Across Round Window Membrane
- 2014 30th Annual Meeting of the William House Cochlear Implant Study
Group
Orlando, FL
PRESENTATION: A Surgical Tool for
Creating Precise Perforation in Round Window
Membrane
- 2015 Association for Research in Otolaryngology
Baltimore, MD
PRESENTATION: Round Window Membrane: a Saddle Roof of the
Inner Ear Immobilizing the Perilymph Movement)

POSTER PITCH BLITZ: Chloride Sensitive Electrodes For The Detection of
Round Window Membrane Perforation
- 2015 American Auditory Society
Scottsdale, AZ
POSTER: Performance on SPIN Sentences with Reverberation
and Reverberation Plus Noise
- 2015 The Triological Society
Boston, MA

- POSTER: A Tool to Facilitate Perilymph Sampling Via Round Window Membrane
- 2015 American Cochlear Implant Alliance Symposium (CI2015)
Washington, DC
PRESENTATION: A Surgical Tool for
Creating Precise RWM Perforations For Cochlear
Implantation
- 2016 Triological Society 2016 Combined Sections Meeting
Miami Beach, Florida
POSTER: Influence of Payor
Mix On Inpatient vs. Outpatient Mastoidectomy
From 1995-2007
POSTER: Associations
Between Patient-Reported Handicap Scores For
Dizziness, Hearing, and Tinnitus
POSTER: Impedance
Measurement Fluctuation Patterns In A Cochlear
Implant Patient With Immune Mediated Inner Ear
Disease
- 2016 Association for Research in Otolaryngology
Baltimore, MD
PRESENTATION: Round Window Membrane Achieves Selective
Release of Sound Pressure Waves Over Quasi-Static
Pressure Tuned by Hyperbolic Paraboloid Shape
- 2016 The Triological Society
Chicago, IL
PRESENTATION: The Influence of
Subway Station Design on Noise Exposure
- 2016 American Otological Society
Chicago, IL
PRESENTATION: Reduction of the
Harmonic Series Influences Musical Enjoyment
with Cochlear Implants
- 2016 American Neurotology Society
Chicago, IL
PRESENTATION: Early Adoption of
Hearing Aids Reduces Temporal Lobe Atrophy
Associated with Presbycusis
- 2016 American Society of Pediatric Otolaryngology
Chicago, IL

POSTER:

Trends for Inpatient Pediatric
Mastoidectomy in New York State From 1995-2014

- 2016 63rd Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum
Bordeaux, France
PRESENTATION: Hearing Loss in the Older Old
- 2017 Combined Sections Meeting, Triological Society
New Orleans, LA
PRESENTATION: When Is It Safe To Operate Following Myocardial
Infarction?
- 2017 Association for Research in Otolaryngology
Baltimore, MD
PRESENTATION: Saddle Shape of the Round Window Membrane
Stabilizes Dynamic Properties Against Static
Pressure Change
- 2017 American Otological Society
San Diego, CA
PRESENTATION: Dizziness Handicap Inventory Score is Highly
Correlated with Markers of Gait Disturbance
POSTER: Development and Preliminary Validation of the
Speech Enjoyment Instrument (SEI): A Tool to
Assess Speech Quality
- 2017 The Triological Society
San Diego, CA
POSTER: The Effect of Subway Noise Exposure on
Commuter Hearing
- 2018 American Auditory Society
Scottsdale, AZ
PRESENTATION: Development and Validation of the Speech Quality
Instrument
- 2018 American Otological Society
National Harbor, MD
PRESENTATION: Adolescent Obesity is an Independent Risk Factor
for Sensorineural Hearing Loss: Results from the
National Health and Nutrition Examination Survey
(NHANES) 2005-2010
POSTER: Impact of Residual Hearing in the Non-Implanted
Ear on Speech and Quality of Life Outcomes after
Cochlear Implantation for Single-Sided Deafness
- 2018 Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum Annual Meeting
Beijing, China
KEYNOTE SPEAKER: Conquering the Barriers to Inner Ear Medicine

- 2018 American Academy of Otolaryngology-Head & Neck Surgery
Atlanta, GA
PRESENTATION: Novel Web-Based Music Re-Engineering Software
for Music Enjoyment Among Cochlear Implantees
- 2019 Association for Research in Otolaryngology
Baltimore, MD
POSTER: In Vitro Pressure-Induced Deformation of the
Guinea Pig Round Window Membrane
POSTER: In-vitro Perforation of the Round Window
Membrane via Direct 3-D Printed Microneedles
POSTER: Diffusion of Small Molecule in Thermoreversible
Hydrogel Across a Perforated Membrane
POSTER: Modelling the Round Window Membrane of the
Guinea Pig: An Experimental Characterization of
Fiber Distribution Based on Microscopic Imaging
- 2019 American Auditory Society
Scottsdale, AZ
PRESENTATION: Validation of the Speech Quality Instrument in
Cochlear Implant Users
- 2019 American Society of Neuroradiology (57th Annual Meeting)
Boston, MA
PRESENTATION: Hearing Aid Use Preserves Left Superior Temporal
Gyrus Volume
- 2019 American Otological Society (152nd Annual Meeting)
Austin, TX
PRESENTATION: Impact of Underlying Diagnosis on Speech and
Quality of Life Outcomes after Cochlear
Implantation for Single-Sided Deafness
PRESENTATION: Controlled Microperforation of Human Round
Window Membrane *In Situ*
POSTER: Poor Speech Perception is Predictive of Greater
Benefit From User-Directed Music Re-Engineering
For Enhancing Music Enjoyment
- 2019 American Neurotology Society (54th Annual Meeting)
Austin, TX
PRESENTATION: Anatomical and Functional Consequences of
Microneedle Perforation of Round Window
Membrane
- 2019 66th Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum
Bern, Switzerland

- PRESENTATION: Anatomic and Functional Consequences of Microneedle Perforation of Round Window Membrane
- 2020 Association for Research in Otolaryngology
San Jose, CA
PRESENTATION: Additive Manufacturing of Fully Metallic Precision Microneedles for Round Window Membrane Perforation
POSTER: Novel 3D-Printed Hollow Microneedles Can Facilitate Safe and Reliable Aspiration of Perilymph for Proteomic Analysis
POSTER: A Novel 3D-Printed Head Holder for Guinea Pig Ear Surgery
- 2020 American Auditory Society (47th Annual Conference)
Scottsdale, AZ
PRESENTATION: A Community Health Worker (CHW)-Led Initiative to Support Children with SNHL
- 2020 American Otological Society
Virtual Online Meeting
POSTER: Prevalence and Severity of Hearing Loss of the Older Old in the United States: A Population-Based Study
- 2020 American Society of Neuroradiology
Virtual Online Meeting
POSTER: Vestibular Aqueduct Is Dynamic With Age
- 2020 The Gerontological Society of America (Annual Scientific Meeting Online)
Virtual Online Meeting
POSTER: Modeling Hearing Loss Progression and Asymmetry in the Older Old: A National Population-Based Survey
- 2020 Microneedles 2020: The 6th International Conference on Microneedles
Virtual Online Meeting
PRESENTATION: Novel 3D-Printed Hollow Microneedles Enable Safe Aspiration of Perilymph
PRESENTATION: Additive Manufacturing of Fully Metallic Microneedles
- 2021 American Otological Society
Virtual Online Meeting
POSTER: Resource Utilization and Outcomes in Mastoidectomies between 2007-2015 in Adult Patients

- 2021 Association for Research in Otolaryngology
Virtual Online Meeting
PRESENTATION: VGF Nerve Growth Factor Inducible (VGF) is Upregulated in Guinea Pig Perilymph After Dexamethasone Administration
PRESENTATION: Additively Manufactured, Crown Shaped Metallic Needles Create Precise Round Window Perforation
POSTER: 3D Printed Microneedle Arrays Can Create Simultaneous Perforations in the Round Window Membrane Without Tearing
- 2021 American Academy of Otolaryngology-Head & Neck Surgery
Los Angeles, CA
PRESENTATION: Access to Experienced Cochlear Implant Surgeons and Audiology is Socioeconomically Determined
PRESENTATION: Hearing Aids Enhance Music Enjoyment in Individuals with Hearing Loss
- 2022 American Auditory Society
Scottsdale, AZ
POSTER: Music Discrimination Impacts Music Enjoyment Among Individuals with Hearing Loss
- 2022 Combined Sections Meeting, Triological Society
Coronado, CA
POSTER: Effectiveness of Hearing Aids on Music Enjoyment in Individuals with Hearing Loss: A Systematic Review
- 2022 Association for Research in Otolaryngology
Virtual Online Meeting
POSTER: Anatomic, Physiologic, and Proteomic Consequences of Repeated Microneedle-Mediated Perforations of the Round Window Membrane
POSTER: Novel Dual Lumen Microneedle for Simultaneous Intracochlear Injection and Aspiration
- 2022 American Otological Society
Dallas, TX
PRESENTATION: Microneedles Facilitate Intracochlear Delivery Without Anatomic or Physiologic Injury
- 2022 American Neurotology Society
Dallas, TX
POSTER: Instrumented Insoles for Assessment of Gait in Vestibular Schwannoma Patients

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- 2022 American Society of Pediatric Otolaryngology
Dallas, TX
POSTER: Community Health Worker Intervention for
Newborns Failing Initial Universal Hearing
Screening
- 2022 Materials Research Society
Boston, MA
PRESENTATION: Pyrolyzed Ultra-sharp Glassy Carbon Microneedles
- 2022 Inner Ear Disorders & Therapeutics Summit
Boston, MA
WORKSHOP: Drug Delivery in the Inner Ear – Breaking the
Dogma
- 2022 Biomedical Engineering Society Meeting Annual Meeting
San Antonio, TX
POSTER: Impact of Biomedical Engineering Accelerator
Program: Teaching Translational Innovation to
Diverse Multidisciplinary Teams
- 2022 American Academy of Otolaryngology-Head & Neck Surgery
Philadelphia, PA
PRESENTATION: Middle Ear Micro-Endoscope Facilitates
Microneedle-Mediated Perforation of the Round
Window Membrane
POSTER: Efficacy of Hearing Aids on Music Perception in
Individuals with Hearing Loss: A Systematic
Review
- 2022 Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum
Santiago, Chile
PRESENTATION: Middle Ear Micro-Endoscope Facilitates
Microneedle-Mediated Perforation of the Round
Window Membrane
- 2023 Combined Sections Meeting, Triological Society
Coronado, CA
PRESENTATION: Physiologic Effects of Direct Intracochlear Injection
of Dexamethasone Mediated by Microneedles
PRESENTATION: What is the Best Test for Diagnosis and Monitoring
Treatment Response in Malignant Otitis Externa
- 2023 Association for Research in Otolaryngology
Orlando, FL
POSTER: Microneedle-Mediated Injection of Gadodiamide
Through the Round Window Membrane to

Facilitate the Diagnosis of Endolymphatic Hydrops
Using MRI

- 2023 American Otological Society (156th Annual Meeting)
Boston, MA
PRESENTATION: Microneedle Mediated Delivery of
siRNA-Lipofectamine is Safe for Inner Ear Gene
Therapy
- 2023 Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum
Tokyo, Japan
PRESENTATION: Hearing Aids Enhance Music Enjoyment in
Individuals with Hearing Loss
MODERATOR: Hearing Loss and Tinnitus (Scientific Poster
Session 2)
- 2023 American Academy of Otolaryngology-Head and Neck Surgery
Nashville, TN
PRESENTATION: Biodesign Graft Is Ideal For Sealing Bullostomy In
Rodents Requiring Repeated Surgeries
- 2024 Combined Sections Meeting, Triological Society
West Palm Beach, FL
PRESENTATION: Hooked on a feeling: Assessing the impact of
bilateral cochlear implantation on emotional
responses to music
PRESENTATION: Speech Quality Outcome In Patients Undergoing
Cochlear Implants for Single Sided Deafness
- 2024 Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum
Vienna, Austria
PRESENTATION: Direct Microneedle Intracochlear Injection of
Gadodiamide through the Round Window
Membrane Enables Rapid Intracochlear Imaging on
MRI
MODERATOR: Vestibular System (Session 5)
- 2024 American Academy of Otolaryngology—Head & Neck Surgery Annual
Meeting and Expo, Miami Beach, FL
PRESENTATION: Time After Time: A Multiyear Longitudinal
Assessment of Music Enjoyment in Hearing Aid
Users
- 2024 Nanoscience Initiative, CUNY Advanced Science Research Center
Symposium, New York, NY
PRESENTATION: Design & Fabrication of Hollow Microneedles for
the Murine Inner Ear

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- 2024 Annual Meeting of the Gerontological Society of America
Seattle, WA
PRESENTATION: Time After Time: A Multiyear Longitudinal
Assessment of Music Enjoyment in Hearing Aid
Users
- 2025 Combined Sections Meeting, Triological Society
Orlando, FL
PRESENTATION: Music Listening Habits Remain Unchanged Despite
Reduction in Music Enjoyment Among Long Term
Cochlear Implantees
POSTER: Music Enjoyment and Quality of Life in Hearing
Aid Users with Perfect Pitch
POSTER: Efficacy of Cochlear Nerve Implantation in
Cochlear Nerve Hypoplasia
- 2025 Association for Research in Otolaryngology
Orlando, FL
PRESENTATION: Contrast Enhancement of Cochlea After Direct
Microneedle Intracochlear Injection of
Gadodiamide Through the Round Window
Membrane with Minimal Dosage
- 2025 63rd Annual Meeting of American Society of Neuroradiology (ASNR)
Philadelphia, PA
POSTER: Cochlear-Carotid Interval Dehiscence - A Rare
Cause of Third Mobile Window Syndrome
- 2025 European Congress of Radiology
Vienna, Austria
POSTER: ED Patients with Vertigo Demonstrate Higher
Prevalence of Superior Semicircular Canal
Abnormalities On High-Resolution Non-Contrast
Enhanced CT Of The Head Compared To ED
Patients Without Vertigo
- 2025 Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum
Stockholm, Sweden
PRESENTATION: Novel Dual-Lumen Microneedle Delivers Adeno
Associated Viral Vectors in the Guinea Pig Inner
Ear Via the Round Window Membrane
- 2025 American Academy of Otolaryngology—Head & Neck Surgery Annual
Meeting and Expo, Indianapolis, IN
POSTER: Novel 3D-Printed Microneedles Enable Controlled
Perforations in Mouse Round Window Membranes:
Insights for Human Applications

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- POSTER: Prevalence of Otological Conditions in Medicaid Beneficiaries with Autism Spectrum Disorder
- POSTER: Effects of Prenatal Maternal Depression and Antidepressant Exposures on Offspring ENT Outcomes
- PRESENTATION: Cochlear Implant-Aided Hearing Ability Contributes to Music Listening Habits
- PRESENTATION: Intersection of Quality of Speech and Quality of Life in Cochlear Implant Users
- 2025 Materials Research Society, Fall Meeting
Boston, MA
- PRESENTATION: Fracture Toughness of Mouse Round Window Membrane Obtained via Perforation with 3D-Printed Custom Microneedle
- 2025 NYP Rehabilitation Research Day
New York, NY
- POSTER: Virtual Reality-Based Visual Perturbations Uncover Gait Instability in Healthy Adults
- 2026 Combined Sections Meeting, Triological Society
Orlando, FL
- PRESENTATION: Virtual Reality-Based Visual Perturbations Uncover Gait Instability in Healthy Adults
- PRESENTATION: Performance Differences Between Identification and Discrimination Questions During Objective Music Testing
- PRESENTATION: Speech Quality Perception in Bilateral and Bimodal Cochlear Implant Users
- POSTER: Hearing Loss, But Not Use of Hearing Aids, Impacts Perception of Speech Quality
- POSTER: Speech Quality Perception with Cochlear Implants Over Time in Patients with Single Sided Deafness

INVITED SPEAKER

- 1994 Resident Research Forum, Department of Otolaryngology—Head and Neck Surgery
Henry Ford Hospital, Detroit, MI
- PRESENTATION: Identifying Genes That Cause Deafness
- 1994 Grand Rounds, Department of Otolaryngology—Head and Neck Surgery
University of Mississippi Medical Center, Jackson, MS
- PRESENTATION: Adventures in Molecular Otology: In Search of Genes That Cause Deafness
- PRESENTATION: Facial Nerve Outcome Following AN Surgery

1995	American Academy of Audiology Dallas, TX PRESENTATION:	Molecular Genetics of Hearing Loss (<i>Medical Considerations in Hearing Loss Symposia</i>)
1996	American Cleft Palate-Craniofacial Association San Diego, CA PRESENTATION:	Otologic Considerations in Hemifacial Microsomia (Presymposia Conference. <i>Hemifacial Microsomia: Genetics, Etiologies, Development and Management</i>)
1996	American Academy of Audiology Salt Lake City, UT PRESENTATION:	Sensorineural Hearing Loss in Children
1996	Northern California Chapter of American College of Surgery San Francisco, CA PRESENTATION:	Cochlear Implantation
1997	Kresge Research Hearing Institute, University of Michigan Ann Arbor, MI PRESENTATION:	AAV-Mediated Gene Transfer in the Cochlea
1997	National Center For Excellence in Molecular Biology Lahore, Pakistan PRESENTATION:	Cochlear Gene Therapy
1997	30th Annual Advances and Controversies in Clinical Pediatrics San Francisco, CA PRESENTATION:	Universal Infant Hearing Screening: Has Its Time Come?
1997	International Hearing Amplification Society San Francisco, CA PRESENTATION:	Genetics and Pediatric Hearing Impairment
1998	Symposium on Deafness, All India Institute of Medical Sciences New Delhi, India PRESENTATION: PRESENTATION:	Syndromic Sensorineural Hearing Loss in Children Cochlear Gene Therapy
1998	International Symposium on Cell and Molecular Biology of the Ear House Ear Institute, Los Angeles, CA PRESENTATION:	Adeno-Associated Virus Mediated Gene Transfer
1998	Dallas Academy of Otolaryngology Dallas, TX PRESENTATION:	Gene Therapy for Hearing Disorders

1998		International Congress of Pediatric Otorhinolaryngology
	Helsinki, Finland	
	PRESENTATION:	Cochlear Gene Therapy
1998		Frontiers in Otorhinolaryngology, Head and Neck Surgery
	Sydney, Australia	
	PRESENTATION:	Cochlear Gene Therapy
1999		Kaiser Permanente Head and Neck Surgery Symposium
	Costa Mesa, CA	
	PRESENTATION:	Evaluation and Management of Hearing Loss in Children
	PRESENTATION:	Pediatric Cochlear Implantation
1999		UCSF's 27 th Advances in Internal Medicine
	San Francisco, CA	
	PRESENTATION:	Hearing Loss
2000		Tübingen Symposium in Otology.
	Tübingen, Germany	
	PRESENTATION:	Inner Ear Gene Therapy
2000		3 rd International Congress of Paediatric Audiology
	Copenhagen, Denmark	
	PRESENTATION:	Gene Therapy
2000		4 th European congress of Oto-Rhino-Laryngology, Head and Neck Surgery
	Berlin, Germany	
	PRESENTATION:	Cochlear Gene Therapy
2000		American Academy of Otolaryngology—Head & Neck Surgery, Annual Meeting
	Washington, DC	
	PRESENTATION:	Needle in the Haystack: Once Found, What's Next?
2000		University of Minnesota, Boies Lecturer
	Minneapolis, MN	
	PRESENTATION:	Role of the Otolaryngologist in Molecular Research
2000		Royal Society of Medicine, Section on Otology
	London, United Kingdom	
	PRESENTATION:	Gene Based Therapy for Inner Ear Disorders
2001		UCSF Genetics Day
	Marin Headlands, CA	
	PRESENTATION:	Genetics of Hearing Loss

- 2001 Auditory Function and Dysfunction: Molecular & Physiological Mechanisms
Auckland, New Zealand
PRESENTATION: Current Issues in Cochlear Gene Therapy
- 2001 International Symposium on Cochlear Implant and Auditory-Verbal Rehabilitation
Chang Gung Memorial Hospital, Taipei, Taiwan
PRESENTATION: How Molecular Genetics Will Change Management
of Ear Disease
- 2002 15th Annual AAO-HNSF Cherry Blossom Conference
Contemporary Management of Sensorineural Hearing Loss
Washington, DC
PRESENTATION: Syndromic Sensorineural Hearing Loss
PRESENTATION: Non-Syndromic Sensorineural Hearing Loss
PRESENTATION: Route of Administration of Transtympanic
Medication
- 2002 II Curso Internacional de Otología y Neurotología
Madrid, Spain
PRESENTATION: Evaluation of Childhood Hearing Loss
PRESENTATION: Tumors of the Jugular Foramen
PRESENTATION: Surgical Treatment of Vestibular Schwannoma
- 2002 Nobel Conference: *To Restore Hearing*
Stockholm, Sweden
PRESENTATION: Potential of Cochlear Gene Therapy in Restoring
Hearing
- 2002 Pacific Coast Oto-Ophthalmological Society
Lake Tahoe, CA
PRESENTATION: Hearing Loss in Children
PRESENTATION: Cholesteatoma
PANEL: What's New in Cochlear Implantation
- 2002 University of Wisconsin's Summer Update in Otolaryngology
Beaver Creek, CO
PRESENTATION: Contemporary Evaluation of Pediatric SNHL
PRESENTATION: Controversy in Cholesteatoma Management: Canal
Wall Up vs. Canal Wall Down
PRESENTATION: Cochlear Implantation Update
PANEL: Case Presentations in Otolaryngology
- 2002 American Neurotological Society
San Diego, CA
PRESENTATION: Genetics of Deafness
- 2002 University of Michigan Temporal Bone Course

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- Ann Arbor, MI
PRESENTATION: Cholesteatoma
PRESENTATION: Complications of Mastoid Surgery
- 2002 University of Michigan Otolaryngology Grand Rounds
Ann Arbor, MI
PRESENTATION: Genetics of Childhood Hearing Loss
- 2002 Ben Senturia Lecturer, Department of Otolaryngology
Washington University
PRESENTATION: Cochlear Gene Therapy
- 2002 St. Louis ENT Club, St. Louis, MO
PRESENTATION: Cochlear Implantation in Children
- 2002 Penn State University Otolaryngology Grand Rounds
Hershey, PA
PRESENTATION: Childhood Hearing Loss
- 2002 Central Pennsylvania Society of Otorhinolaryngologists
Hershey, PA
PRESENTATION: What's New in Cochlear Implantation
- 2003 5th GCC Otorhinolaryngological Head & Neck Surgery Conference
Dubai, United Arab Emirates
PRESENTATION: Sensorineural Hearing Loss
PRESENTATION: Tricks in Cholesteatoma Surgery
PRESENTATION: Issues in Cochlear Implantation
- 2003 Long Island Society of Otorhinolaryngology
Great Neck, NY
PRESENTATION: Childhood Hearing Loss
- 2003 Mayo Clinic Otofest 2003
Rochester, MN
PRESENTATION: Cholesteatoma and Tympanoplasty
PRESENTATION: External Auditory Canal Atresia
- 2003 Visiting Professor, Memorial Sloan Kettering Cancer Center
New York, NY
PRESENTATION: Jugular Foramen Tumors
PRESENTATION: Considerations in Gene Therapy
- 2003 Department of Otolaryngology, Lenox Hill Hospital
New York, NY
PRESENTATION: Diagnosis and Management of Pediatric Hearing Loss
- 2003 Department of Otolaryngology, Mt. Sinai School of Medicine

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

New York, NY

PRESENTATION: Childhood Hearing Loss

2003

The New England Otolaryngological Society

Boston, MA

PRESENTATION: Childhood Hearing Loss

PRESENTATION: What's New in Cochlear Implantation

2004

University of Medicine & Dentistry of New Jersey

New Jersey Medical School Grand Rounds

Newark, NJ

PRESENTATION: Genetics of Hearing
Loss

2004

Arab Health Congress– Otolaryngology Update

Dubai, United Arab Emirates

PRESENTATION: Canal Wall Up vs.
Down: What's the Controversy

PRESENTATION: Atresia: Patient
Selection and Surgical Correction

PRESENTATION: Update on Ossicular
Reconstruction

PRESENTATION: Childhood Hearing
Loss

2004

Eastern Section Meeting, The Triological Society

New York, NY

PRESENTATION: Management
Options for Vestibular Schwannoma (Panel:
Controversies in Otolaryngology)

2004

CUNY Ph.D. Program in Speech and Hearing Sciences, Spring 2004

Colloquium Series

New York, NY

PRESENTATION: Childhood Hearing
Loss

2004

American Speech-language-Hearing Association "Audiology 2004":

Pediatric Audiology & Genetics

Orlando, FL

PRESENTATION: New Directions in
Gene-Based Treatment
DISCUSSION: Gene Mapping and
Therapy

PANEL: Interdisciplinary
Grand Rounds

2004	SUNY Stony Brook Combine Pediatrics and Otolaryngology Grand Rounds
	Stony Brook, NY
	PRESENTATION: Childhood Hearing Loss

2004 New York State Speech-Language-Hearing Association, Inc.: 44th
Annual Convention
Albany, NY
PRESENTATION: Medical and Surgical Considerations in Cochlear
Implantation (Mini-seminar: An Introduction to CI)

2004 Michigan Oto-Laryngological Society
Dearborn, MI
PRESENTATION: Childhood Hearing Loss

2004	Columbia University Otolaryngology Grand Rounds New York, NY PRESENTATION: What's New in Cochlear Implantation PRESENTATION: Treatment of Cholesteatoma
------	--

2004 American Neurotology Society Fall Program, Emerging Technologies: A Glimpse into the Future of Neurotology
New York, NY
PRESENTATION: Cochlear Gene Therapy

2004	Brooklyn College Annual Symposium: Genetics and Hearing Loss Brooklyn, NY PRESENTATION: New Developments in the Identification of Genetically-Based Hearing Disorders
------	--

2004 Department of Otolaryngology, Long Island Jewish Hospital
Long Island, NY
PRESENTATION: Evaluation and Management of Childhood Hearing Loss

2005 Department of Otolaryngology, Long Island College Hospital
Brooklyn, NY
PRESENTATION: Molecular Genetics of Deafness

2005	Eastern Section Meeting, The Triological Society Washington, DC PRESENTATION: Meniere's Disease: Etiology (Panel: Meniere's Disease- Etiologies, Patient Evaluation and Treatment Options)
------	---

2005 Ultimate Colorado Mid-Winter Meeting
Vail, CO
PRESENTATION: Genetics of Hearing Impairment

- 2005 Department of Otolaryngology, New York Eye and Ear Infirmary
New York, NY
PRESENTATION: Childhood Hearing Loss & Genetics of Hearing
 Impairment
- 2005 Department of Otolaryngology, Albert Einstein School of Medicine
Bronx, NY
PRESENTATION: Childhood Hearing Loss
- 2005 Department of Pediatrics, Staten Island University Hospital
Staten Island, NY
PRESENTATION: Hearing Loss in Children
- 2005 Chandler Distinguished Professor, University of Miami School of Medicine
Duck Keys, FL
PRESENTATION: Evaluation of Childhood Hearing Loss
- 2005 Conference on Research Education and Training in Otolaryngology
Washington, DC
PRESENTATION: How to Write a Fundable Application
- 2006 Guest Professor, 24th Annual Otolaryngology Research Forum, Department of
Otolaryngology, Wayne State University
Detroit, MI
PRESENTATION: Childhood Hearing Loss
- 2006 Jesse D. Gomillion Visiting Professor, 6th Annual Faculty Research Day,
Department of Otolaryngology, University of Texas Medical Branch,
Galveston, Texas
PRESENTATION: MYH9 and Hearing Loss
- 2006 4th National Conference of the Cochlear Implant Group of India (CIGI)
Calicut, Kerala, India
PRESENTATION: Implication of Central Assymetry in Speech
 Processing in Selecting the Ear for CI
PRESENTATION: The HiRes 90K/Harmony CI System
PRESENTATION: Surgical Tricks in Reimplantation
PRESENTATION: Genetic Predictors of Cochlear Implantation
- 2006 Stanford Otology & Neurotology Update 2006
San Francisco, CA
PRESENTATION: Genetics and Gene Therapy in Otology
PANEL: Complications in Ear Surgery
- 2006 Visiting Professor, Department of Otorhinolaryngology-Head & Neck
Surgery, University of Pennsylvania School of Medicine
Philadelphia, PA

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- PRESENTATION: Evaluation of Childhood Hearing Loss
- 2007 Honored Guest, 85th Annual Meeting of Finnish Otolaryngological Society, Helsinki, Finland
PRESENTATION: Evaluation of Childhood Hearing Loss
PRESENTATION: NYU Cochlear Implant Program
- 2007 Section Meetings, Triological Society
Marco Island, FL
PRESENTATION: Brief History of Cochlear Implantation
SEMINAR/PANEL: Otology Icons of the 20th Century: Addressing Unresolved Issues (Cochlear Implants with John Shea, MD and William House, MD)
- 2007 Jahrsdoerfer Visiting Professor, University of Virginia
Charlottesville, VA
PRESENTATION: Childhood Hearing Loss
- 2007 3rd Research Day Visiting Professor, Case Western Reserve University
Cleveland, OH
PRESENTATION: Genetics and Gene Therapy for Hearing Loss
- 2007 Northeast Minority Affairs Professional Development Conference: Beyond Minority Affairs, New York, NY
PRESENTATION: Expanding Advocacy for Diversity Across Our Institution At Leadership Level
PANEL: Achieving Institutional Buy-In
- 2007 6th Biennial Northeast Cochlear Implant Convention
Sturbridge, CT
PRESENTATION: Genetics and Cochlear Implantation
- 2007 Hearing Loss Association of America
Harrisburg, PA
PRESENTATION: Hair Cell Regeneration
- 2007 Recent Advances in Medical Neurotology
Cleveland, OH
PRESENTATION: Genetics of Auditory and Vestibular Disorders
- 2007 NIDCD Workshop for New Physician-Investigators in Communication Disorders: Strategies for Success
Bethesda, MD
PRESENTATION: Winning the Big Prize: Writing a Fundable New Investigator R01
PANEL: Planning for Academic Promotion and Tenure
- 2007 UCSF Otolaryngology Update 2007

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- San Francisco, CA
PRESENTATION: Cholesteatoma: Canal Wall Up vs. Down
PRESENTATION: Update on Molecular Therapy in Otology
- 2007 Indian Society of Otology Conference (ISOCON) 2007
Hyderabad, India
PRESENTATION: Cochlear Implantation: Do's and Don'ts, How's and Why's
- 2008 Future of Otology
El Gouna, Red Sea, Egypt
PRESENTATION: Evaluation of Childhood Hearing Loss
PRESENTATION: Genetics of Vertigo
PRESENTATION: Cochlear Gene Therapy
PRESENTATION: Future Generation of Cochlear Implantation
- 2008 Department of Polymer Engineering, University of Akron
Akron, OH
PRESENTATION: Cochlear Implantation: 2008
- 2008 X Argentinian Congress of Otolaryngology and Children Phonoaudiology
Buenos Aires, Argentina
PRESENTATION: Childhood Hearing Loss
PRESENTATION: Cholesteatoma
PANEL: Pediatric Cochlear Implantation
- 2008 Visiting Professor, Department of Otolaryngology-HNS, UC Davis
Davis, CA
PRESENTATION: Evaluation of Childhood Hearing Loss
PRESENTATION: Cochlear Gene Therapy
- 2008 Hayden Otology Lecture, Department of Otolaryngology, Virginia Commonwealth University
Richmond, VA
PRESENTATION: Evaluation of Pediatric Hearing Loss
PRESENTATION: Cochlear Implantation Update
- 2008 Long Island Society of Otolaryngology-Head & Neck Surgery
Great Neck, NY
PRESENTATION: Cochlear Implant
Update 2008...2009
- 2008 Department of Otolaryngology, New York Eye and Ear Infirmary
New York, NY
PRESENTATION: Evaluation of
Childhood Hearing Loss
- 2009 6th Tanta International Conference on Advanced Otorhinolaryngology

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

	Cairo, Egypt	
	PRESENTATION:	Cholesteatoma - Evaluation and Management
	PRESENTATION:	How to Address Complications of Mastoid Surgery
	PRESENTATION:	Jugular Foramen Tumors
	PRESENTATION:	Cochlear Implant Update 2009
	PRESENTATION:	Childhood Hearing Loss
	PRESENTATION:	Radiological and Surgical Considerations in Cochlear Implant Surgery
2009	Bobby R. Alford Department of OTO-HNS, Baylor College of Medicine Houston, Texas	
	PRESENTATION:	Evaluation of Childhood Hearing Loss
2009	Houston Society of Otolaryngology-Head and Neck Surgery Houston, TX	
	PRESENTATION:	Cochlear Implant Update 2009
2009	Department of Otolaryngology, University of Medicine and Dentistry of New Jersey, Newark, NJ	
	PRESENTATION:	Cochlear Implant Update 2009
2009	XXVII Congreso Venezolano Otorrinolaringologia Caracas, Venezuela	
	PRESENTATION:	Childhood Hearing Loss
	PRESENTATION:	Management of Vestibular Schwannoma
	PRESENTATION:	Avoiding Complications of Mastoid Surgery
	PRESENTATION:	Update on Cochlear Implantation 2009
2009	Guest Faculty, Medical University of South Carolina Temporal Bone Course Charleston, SC	
	PRESENTATION:	Surgical Management of Cholesteatoma

	PRESENTATION:	Genetics and Diagnosis of Childhood Hearing Loss
2010	Department of Otolaryngology, Albert Einstein College of Medicine New York, NY PRESENTATION:	Molecular Therapy in Otology
2010	Translational Genomics Research Institute Phoenix, AZ PRESENTATION:	MYH9 and Hearing Loss
2010	Royal Society of Medicine (Otology Section) London, United Kingdom PRESENTATION:	Molecular Therapy in Otology: Strategies for Hearing Restoration
2010	Asociación Colombiana de Otolología y Neurotología Barranquilla, Colombia PRESENTATION:	Evaluation of Childhood SNHL
	PRESENTATION:	Cochlear Implantation Update 2010
	PRESENTATION:	Future of Otology: Potential of Molecular Therapies for Treatment of SNHL
	PRESENTATION:	Complications in Mastoidectomy
	PANEL:	Cholesteatoma
2010	The Jackson Laboratory's <i>Mouse as an Instrument for Ear Research</i> <i>IV</i> Bar Harbor, ME PRESENTATION:	Round Window Drug Delivery to Inner Ear
2010	6 th Annual Cochlear Implant Symposium, Nemours Alfred I DuPont Hospital for Children, Wilmington, DE PRESENTATION:	Surgical Issues in Implanting the Malformed Inner Ear
2010	Stanford Otology Course 2010 Palo Alto, CA PRESENTATION:	Genetics in Otology Managing Cholesteatoma
	PANEL:	

- PANEL: Avoiding Complications in Otologic Surgery
- PANEL: Hearing Loss in Children
- PANEL: Emerging Topics in Auditory Prosthesis
- SMALL GROUP CASE DISCUSSION: Fluctuating and Progressive SNHL in Adults and Children
- 2011 Guest Lecturer, Grand Rounds, Department of Otolaryngology, University of Medicine and Dentistry of New Jersey, Newark, NJ
- PRESENTATION: Evaluation of Childhood Sensorineural Hearing Loss
- PRESENTATION: Genetics of Hearing Loss
- 2011 American Neurotology Society
Chicago, IL
- PRESENTATION: Molecular Therapeutics: An Overview
- 2011 Asociación Colombiana de Otorrinolaringología, Cirugía de Cabeza y Cuello, Maxilofacial y Estética Facial, Cartagena, Colombia
- PRESENTATION: Cochlear Implantation Update 2011
- PRESENTATION: Diagnosis and Management of Vestibular Schwannoma
- PRESENTATION: Evaluation of Childhood Sensorineural Hearing Loss
- PRESENTATION: Future of Otology: Potential of Molecular Therapies for Treatment of Sensorineural Hearing Loss
- PRESENTATION: Glomus Jugulare Tumors
- PANEL: Otology & Neurotology
- 2011 2011 Seoul National University Hospital Symposium on Cochlear Implantation, Seoul, Korea
- PRESENTATION: Reliability of Cochlear Implant
- PRESENTATION: Meningitis Following Cochlear Implantation
- PRESENTATION: Electro Endoscope for Atraumatic Electrode Insertion
- PRESENTATION: Tricks in Difficult Cochlear Implant Cases
- 2011 1st IAPO International Symposium on Pediatric Hearing Disorders
Sao Paulo, Brasil
- PRESENTATION: Sensorineural Hearing Loss: Etiologies and Management

- MODERATOR: Round Table – Sensorineural Hearing Loss and Cochlear Implantation in Children
- 2012 Attia El Hami Lecture and Visiting Professor, Dalhousie University
Halifax, Nova Scotia, Canada
PRESENTATION: Childhood Hearing Loss
PRESENTATION: Cochlear Gene Therapy
- 2012 Department of Psychiatry and Behavioral Sciences, Beth Israel
Medical Center, New York, NY
PRESENTATION: Musical Hallucinations: 3 Cases and A Review
- 2012 3rd Annual Cherry Blossom Conference: Otolaryngology Update
Washington, DC
PRESENTATION: Cochlear Implant Update 2012
PRESENTATION: Pearls in Management of Cholesteatoma
PANEL: Otology Panel: Management of Difficult Chronic Ear Patients
- 2012 Distinguished Visiting Professor, Western University, London,
Ontario, Canada
PRESENTATION: Cochlear Implant Update 2012
- 2012 Department of Otolaryngology-Head & Neck Surgery, University of
Helsinki, Helsinki, Finland
PRESENTATION: Current Issues in Cochlear Implantation
PRESENTATION: Cochlear Gene Therapy
- 2012 Otosclerosis Study Group
Washington, DC
PANEL: Pediatric Stapedectomy
- 2012 4th Annual Meeting of the New Jersey Academy of Audiology
Montclair State University, Bloomfield, NJ
PRESENTATION: Medical Aspects of Tinnitus
- 2012 Department of Otolaryngology, Mt. Sinai School of Medicine
New York, NY

	PRESENTATION:	Cochlear Implant Update
2012	New England Otolaryngological Society Boston, MA PRESENTATION:	Clinical Implications of Jugular Bulb Abnormalities
2013	Grand Rounds, Department of Otolaryngology, University of Medicine and Dentistry of New Jersey, Newark, NJ PRESENTATION:	Everything You Wanted to Know About the Jugular Bulb But Were Afraid to Ask
2013	The 9 th Asia Pacific Symposium on Cochlear Implant and Related Sciences Hyderabad, India PRESENTATION:	Frontiers in Cochlear Implants
	PANEL:	Complications and Clinical Audit of CI
2014	41 st Annual Scientific & Technology Conference, American Auditory Society Scottsdale, AZ PRESENTATION:	Round Window Membrane As a Portal For Inner Ear Therapeutics (Special Session: Ear Drug Delivery Systems)
2014	Guest Speaker, Tidewater Otolaryngology and Ophthalmology Society Norfolk, VA PRESENTATION:	Frontiers in Cochlear Implantation
2014	Visiting Professor and Distinguished Lecturer, Department of Otolaryngology-HNS, Eastern Virginia Medical School Norfolk, VA PRESENTATION:	Inner Ear Therapy
2014	3 rd Iranian Congress on Cochlear Implant & Related Sciences Tehran, Iran PRESENTATION:	Frontiers in Cochlear Implantation
	PRESENTATION:	Meningitis Following Cochlear Implantation

- PRESENTATION: An Interesting Case
of Cochlear Implantation Via the Retrofacial
Approach
- 2014 Advanced Bionics Symposium on Cochlear Implantation
Tehran, Iran
PRESENTATION: Music Engineering
As a Novel Strategy for Enhancing Music
Enjoyment in Cochlear Implant Recipient
- 2014 36th National Congress of Otorhinolaryngology Disease and
Head-Neck Surgery, Antalya, Turkey
PRESENTATION: Evaluation of
Childhood SNHL
PRESENTATION: Gene Therapy for
Hearing Disorders
PRESENTATION: What's New In
Cochlear Implants?
- 2014 23rd Annual Conference of The Indian Society of Otology (ISOCON
2014), Chennai, India, November 14-16, 2014.
PRESENTATION: Cochlear Implant
Update 2014
PRESENTATION: Everything You
Wanted To Know About the Jugular Bulb But Were
Afraid to Ask
PRESENTATION: Inner Ear Therapy
PRESENTATION: Cholesteatoma
- 2015 13th Asia-Oceania ORL-HNS Congress
Taipei, Taiwan
PRESENTATION: Round Window
Membrane: Properties and Potential For Inner Ear
Therapy
PRESENTATION: Genetics of Hearing
Loss
- 2015 Technology & Medicine Spring 2015 Seminars, The Fu Foundation
School of Engineering and Applied Science, Columbia University
New York, NY
PRESENTATION: Butterfly Roof To
Round Window: How Engineers Can Build One and
Perforate The Other: Part 1, The Auditory System
- 2015 Distinguished Guest Lecturer, Louisiana State University –
Shreveport
Shreveport, LA

	PRESENTATION:	Inner Ear Therapy
2015	15 th British Academic Conference in Otolaryngology (BACO), Liverpool, England	
	PRESENTATION:	Deafness Genetics
	for the Otologist	
	PRESENTATION:	Strategies for
	Delivering Therapeutics For Inner Ear Therapy	
	PRESENTATION:	A Surgical Tool for
	Creating Precise Perforation in Round Window Membrane	
	PANEL:	Controversies and
	Aspirations in Cochlear Implants	
2015	13 th Annual Conference of Cochlear Implant Group of India (CIGICON), Jaipur, Rajasthan, India	
	PRESENTATION:	Music Perception in
	Cochlear Implantees	
	PRESENTATION:	Cochlear
	Implantation Update 2015	
	PANEL:	Malformed
	Cochlea/Hypoplastic Nerve	
	TEMPORAL BONE:	Demonstration of
	Posterior Tympanotomy	
2015	XXXVII National Congress of the Mexican Federation of Otolaryngology-Head and Neck Surgery (FESORMEX), Monterrey, Nuevo Leon, Mexico	
	PRESENTATION:	What's New in
	Cochlear Implantation	
	PRESENTATION:	Imbalance and
	Dizziness in the Elderly	
	PRESENTATION:	Surgical
	Management of Vestibular Schwannoma	
	CLOSING LECTURE:	Inner Ear Therapy
	PANEL:	Clinical Cases in
	Chronic Ear Disease	
	PANEL:	Cochlear
	Implantation: At What Age and Who?	
	PANEL:	Complications of
	Skull Base Surgery	
2016	6 th Annual Seattle Otology & Advanced Rhinology Course Seattle, WA	
	PRESENTATION:	Gene Therapy and Stem Cell Treatments for Auditory Disorders: Where Are We Now?
	PANEL DISCUSSION:	Challenging Otology Cases (Moderator: Lalwani)

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

- 2016 LSU Temporal Bone Microsurgery and Dissection Course,
New Orleans, LA
PRESENTATION: Cholesteatoma
PRESENTATION: Vestibular
Schwannoma: Diagnosis & Management
- 2016 Tufts University-Boston University Otolaryngology Alumni
Day
Boston, MA
PRESENTATION: Childhood
Sensorineural Hearing Loss
PRESENTATION: Cochlear Gene
Therapy
PANEL: Otology Cases
- 2016 Inaugural Invited Lionel Colledge Lecturer, 2016 ENT UK Annual Meeting
Royal College of Surgeons, London England
PRESENTATION: Conquering Barriers
to Precision Inner Ear Medicine and Surgery
- 2016 123ème congrès de la Société Française
d'Oto-Rhino-Laryngologie et de Chirurgie de la Face et du Cou (French ENT
Congress), Paris, France
PRESENTATION: Cochlear Gene
Therapy
- 2016 El Colegio De Otorrinolaringologos Y Cirujanos De Cabeza Y
Cuello Del Estado De Jalisco, A. C., Guadalajara, Jalisco, Mexico
PRESENTATION: Cochlear Gene
Therapy: Issues and Challenges
- 2016 Royal Society of Medicine (Otology Section)
London, United Kingdom
PRESENTATION: Inner Ear Therapy
- 2017 International Federation of Oto-Rhino-Laryngological Society
Paris, France
PRESENTATION: Challenges in Gene
Therapy
- 2017 Guest Faculty, Summer Workshop: Diagnosis and
Management of External and Middle Ear Disorders, Osborne College of
Audiology, Salus University
Elkins Park, PA
PRESENTATION: The Art and Science
of Otosopic Examination
PRESENTATION: External and Middle
Ear Disorders and Diseases

	PRESENTATION:	Ear Implants: State of the Science
2017	Invited Speaker, XXXVI SIAF Congresso Societa Italiana Audiologia E Foniatria, Centro Didattico Policlinico S. maria Alle Scotte Siena, Italy	
	PRESENTATION:	Anatomic and Functional Consequences of Age Related Hearing Loss
2017	<i>Meet the Expert</i> , Università degli Studi di Padova Padova, Italy	
	PRESENTATION:	Ageing and Hearing Loss: What's New?
	PRESENTATION:	CI and Music: Strategies to Enhance Enjoyment
2018	Elite Hearing Network Annual Business Summit, Cancun, Mexico	
	PRESENTATION:	Cochlear Implant Update 2018
	PRESENTATION:	Hearing Loss – What's New?
2018	The 4 th International Symposium on Otosclerosis and Stapes Surgery Krakow, Poland	
	PRESENTATION:	Cochlear Gene Therapy (for Otosclerosis)
2018	Invited Speaker, Center for Hearing and Balance Seminar Series, Department of Otolaryngology-Head & Neck Surgery, Baltimore, MD	
	PRESENTATION:	Conquering the Barriers to Precision Inner Ear Medicine
2018	Invited Speaker and Panelist, 2018 Northeast Regional Mechanical Engineering Chairs Summit	
	PRESENTATION:	RWM as Barrier to Precision Inner Ear Medicine
	PANEL:	Columbia University Medical School Faculty Discussion
2018	Stanford Otology Update Palo Alto, CA	
	PRESENTATION:	Conquering the Barriers to Precision Inner Ear Medicine
	MODERATOR:	Facial Nerve

	PANEL:	Intratympanic Therapy/Inner Ear Pharmacotherapy
2018	Medical Scholars Seminar Series, Columbia University College of Physicians and Surgeons, New York, NY	
	PRESENTATION:	Conquering the Barriers to Precision Inner Ear Medicine
2019	Elite Hearing Network Annual Business Summit, Maui, HI	
	PRESENTATION:	Cochlear Gene Therapy is Here
	PRESENTATION:	Eustachian Tube Dysfunction – What’s New?
	PRESENTATION:	Gamma Knife Surgery
2019	Cochlear CELEBRATION Nashville, TN	
	PRESENTATION:	Music and Cochlear Implants: What We Know and How To Improve Music Enjoyment
2019	Inner Ear Biology Symposium: Hearing Research – From History Into the Future, Padua, Italy	
	PRESENTATION:	Inner Ear Drug Delivery By Precise Perforation
2019	Robert A. Schindler, MD, Endowed Lecture, University of California-SF San Francisco, CA	
	PRESENTATION:	Conquering Barriers to Precision Inner Ear Medicine
2020	Elite Hearing Network Annual Business Summit Cabos San Lucas, Baja, Mexico	
	PRESENTATION:	Challenging Cases of Hearing Loss and Ear Diseases
	PRESENTATION:	Recent Advances in ENT-Head and Neck Surgery
2022	New Jersey Speech-Language-Hearing Association [Virtual]	
	PRESENTATION:	When It Quacks Like a Duck...It May be a Zebra!
2022	International Invited Lecture Series, Association of Otolaryngologists of India (Delhi Branch) [Virtual]	
	PRESENTATION:	Cochlear Implantation: Clinical Indications, Surgical Technique, and Glimpse Into the Future

- 2022 Carter Van Waes, MD, PhD Retirement Symposium, NIDCD, NIH
Bethesda, MD
PRESENTATION: Opening the Window for Precision Inner Ear Medicine
- 2022 Annual Meeting, American Academy of Otolaryngology-Head & Neck Surgery
Philadelphia, PA
PRESENTATION: Lunch with Clinical Experts – Eustachian Tube Dilation
- 2022 Stanford Otology Update
Palo Alto, CA
PRESENTATION: Tricks in Tympanoplasty
PANEL: Sudden and Fluctuating Hearing Loss: Practice Guidelines
- 2023 University of Helsinki's Department of Otolaryngology-HNS
Helsinki, Finland
PRESENTATION: Otolaryngology Residency Training in the US
- 2023 HNO Congress 2023, Deutsche Gesellschaft für Hals-Nasen-Ohren Heilkunde, Kopf- und Hals-Chirurgie, Leipzig, Germany
PRESENTATION: Therapeutic Access to the Inner Ear (Panel: Medical Therapy Against Hearing Loss)
- 2023 45th Annual Conference, Association of Otolaryngologist of India, Delhi State Chapter, Delhi, India
PRESENTATION: Conquering Barriers to Precision Inner Ear Medicine
PRESENTATION: Tricks in Tympanoplasty
- 2024 Association for Research in Vision and Ophthalmology (ARVO)
Seattle, WA
POSTER: Development of a Microneedle for Intraoperative Cannulation of Retinal Vessels
- 2024 3rd International Otolaryngology - Head & Neck Surgery Conference, ENT
HNS Moroccan College, Marrakech, Morocco

- PRESENTATION: Innovation in Cochlear Implantation
- PRESENTATION: Cochlear Implantation in Cochlear Nerve Hypoplasia: How to Make a Decision
- 2025 Combined Sections Meeting, Triological Society
Orlando, FL
- PANEL: Cochlear Gene Therapy (Panel: Gene Therapy for Hearing Loss)
- 2025 4th International Symposium on Inner Ear Therapeutics,
International Society for Inner Ear Therapeutics (ISIET)
Marrakech, Morocco
- PRESENTATION: Conquering the Barriers to Precision Inner Ear Medicine
- 2025 96th Annual Meeting of the German Society of
Oto-Rhino-Laryngology, Head and Neck Surgery, Frankfurt, Germany
- PRESENTATION: Microneedles for Inner Ear Delivery (Session: Recent Advances in Inner Ear Generation)
- 2025 Kansas University Medical Center Graduation Symposium
(OTO-HNS)
Kansas City, Kansas
- PRESENTATION: Conquering Barriers to Precision Inner Ear Medicine
- 2025 Neely National Clinician-Scientist Mentorship Network
PANEL: Lab Management for the Clinically Slammed: A Survival Guide
- 2025 60th Inner Ear Biology Symposium
Tübingen, Germany
- PRESENTATION: Microneedle Mediated Safe and Precise Inner Ear Delivery
(*Molecular Otology Symposium: Advanced Genetic Diagnostics, Drug Delivery and Drug Therapy*)

INTERNET MEETINGS

- 2009 The First Virtual World Otology Conference
PRESENTATION: Evaluation of Childhood Hearing Loss

MEETINGS: Invited Participant

- 2004 Consensus Conference on Effective Educational and Health Care Interventions for Infants and Young Children with Hearing Loss, Alexandria, VA, (September 10 – 12, 2004)

MEETINGS: Scientific Organization Committee

- 1999 6th International conference on Physiology and Pathology of Hearing
Warsaw, Poland
- 2002 XXVIII Congress of the Pan American Association of
Otorhinolaryngology-Head and Neck Surgery, San Francisco, CA
- 2003 The 2003 Citizens Research Conference: Advancements in Hearing
Technology
New York, NY
- 2004 Arab Health Congress: Otology Update
Dubai, United Arab Emirates
- 2005 International Symposium on Meniere's Disease and Inner Ear Homeostasis
Los Angeles, CA
- 2010 Tissue Engineering in Otology: *Paving The Way From Basic Science To
Clinical Practice*
The Royal Society, London England
- 2017 International Federation of Oto-Rhino-Laryngological Society (Otology)
Paris, France
- 2021 International Federation of Oto-Rhino-Laryngological Society
(International Program Advisory Committee for Otology/Neurotology)
Vancouver, Canada

MODERATOR

- 1994 UC Otolaryngology Update: 1994
San Francisco, CA
SESSION: Pediatric Otolaryngology
- 1994 American Academy of Otolaryngology—Head & Neck Surgery
San Diego, CA
SESSION: Cochlea and Auditory Nerve, Research Forum

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

1996	American Academy of Audiology Salt Lake City, UT SESSION: Pediatric Otology	
1996	Bay Area Resident Research Conference Oakland, CA SESSION: Research Presentations	
1999	Association for Research in Otolaryngology St. Petersburg Beach, FL SESSION: Genetics II	
1999	UC Otolaryngology Update: 1999 San Francisco, CA SESSION: Otolaryngology and Neurotology	
2000	UC Otology and Neurotology Update: 2000 San Francisco, CA SESSION: Tympanoplasty and Ossicular Chain Reconstruction	
2001	Association for Research in Otolaryngology St. Petersburg Beach, FL SESSION: Genetics III	
2001	UC Otolaryngology Update: 2001 San Francisco, CA SESSION: General Otolaryngology/Otology	
2002	Association for Research in Otolaryngology St. Petersburg Beach, FL SESSION: Issues in Training, Recruitment, Support of Physician Scientists	
2002	UC Otology and Neurotology Update: 2002 San Francisco, CA SESSION: Cholesteatoma and Chronic Otitis Media	
2003	American Neurotology Society Nashville, TN SESSION: Cochlear Implants and Facial Nerve	
2003	Management of Challenges in Otology	

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

	New York, NY	
	SESSION:	Panel Discussion on
	Neurosensory Hearing Loss	
2003	NYU Evaluation & Patient Management of the Patient with Dizziness	
	SESSION:	Challenges in
	Management	
2003	NYU & DRF Citizens Research Conference	
	New York, NY	
	SESSION:	Advancements in
	Hearing Research & Technology	
2004	Arab Health Congress – Otology Update 2004	
	Dubai	
	SESSION:	Implantable Devices
	Round Table	
2004	The Triological Society	
	Phoenix, AZ	
	SESSION:	Simultaneous
	Session: EAR	
2004	Consensus Conference on Effective Educational and Health Care	
	Interventions for Infants and Young Children with Hearing Loss	
	Alexandria, VA	
	SESSION:	Education and Health Care Issues (Topic 2)
2007	Section Meetings, Triological Society	
	Marco Island, FL	
	SESSION:	Otology
2007	American Neurotology Society	
	San Diego, CA	
	SESSION:	Scientific Session
2007	American Neurotology Society	
	Washington, DC	
	SESSION:	Clinical Application of Neurotologic Research
2008	10 th International Conference on Cochlear Implants and Other Implantable	
	Auditory Technologies	
	San Diego, CA	
	SESSION:	Coding Strategies/Electrode Design/Mapping
		Strategies/Complications
2009	American Neurotology Society	
	Phoenix, AZ	

	SESSION:	Cochlear Implants
2011	American Neurotology Society Chicago, IL	
	SESSION:	Advances in Molecular Diagnostics and Therapeutics in Otology
2011	10 th European Symposium on Paediatric Cochlear Implantation Athens, Greece	
	SESSION:	Basic Research I
2011	13 th Symposium o Cochlear Implants in Children Chicago, IL	
	SESSION:	Bilateral Implantation/Bimodal Stimulation II
2011	American Academy of Otolaryngology-Head and Neck Surgery San Francisco, CA	
	MINISEMINAR:	Avoiding and Managing Complications in Otologic Surgery
2012	Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum Rome, Italy	
	SESSION:	Otology and Hearing (Scientific Session 5)
2012	6 th Annual Otolaryngology Update in New York City New York, NY	
	SESSION:	Otology, Neurotology, Audiology Session
	SESSION:	Panel Discussion: Challenges in Otology
2013	40 th Annual Scientific & Technology Conference, American Auditory Society Scottsdale, AZ	
	SESSION:	Pediatric Speech Perception & Implantable Devices
2013	Politzer Society (29 th Annual Meeting) Antalya, Turkey	
	PLENARY SESSION:	Residual (Cholesteatoma) Disease, How To Decrease and How To Manage
2014	41 st Annual Scientific & Technology Conference, American Auditory Society Scottsdale, AZ	
	SESSION:	Translational Research II
2014	61 st Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum Istanbul, Turkey	
	SESSION:	Contemporary Management of Single Sided Deafness (Minisymposium Otology 2)
2014	American Neurotology Society Orlando, FL	

- SESSION: What's New and Hot?
- 2014 8th Annual Otolaryngology Update in New York City
New York, NY
SESSION: Otology, Neurotology, Audiology Session
SESSION: Panel Discussion: Stumping the Experts
- 2015 13th Asia-Oceania ORL-HNS Congress
Taipei, Taiwan
SESSION: Basic Study in Cochlear Partition
- 2015 15th British Academic Conference in Otolaryngology (BACO), Liverpool,
England
SESSION: Approaches to Superior Semicircular Canal
SESSION: Bonebridge Implant
- 2015 American Cochlear Implant Alliance Symposium (CI2015),
Washington, DC
SESSION: Surgical and Medical Issues in Cochlear
Implantation
- 2016 10th Annual Otolaryngology Update in New York City
New York, NY
SESSION: Everything You Needed to Know in Otology
- 2016 Royal Society of Medicine (Otology Section)
London, United Kingdom
SESSION: Controversies in Otology
- 2017 Combined Sections Meeting, Triological Society
New Orleans, LA
SESSION: 1st Triological Society Best Practices
- 2017 International Federation of Oto-Rhino-Laryngological Society
Paris, France
SESSION: Single Sided Deafness
SESSION: Genetics of Deafness (Roundtable)
- 2017 American Cochlear Implant Alliance: 15th Symposium on Cochlear Implants
in Children, San Francisco, CA
SESSION: Music Appreciation
- 2018 Combined Sections Meeting, Triological Society
Scottsdale, AZ
SESSION: 2nd Annual Triological Society Best Practices
- 2018 The 4th International Symposium on Otosclerosis and Stapes Surgery
Krakow, Poland

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

	SESSION:	Otosclerosis – Lecture Session I
	SESSION:	Implants in Treatment of Otosclerosis
2018	American Otological Society National Harbor, MD	
	SESSION:	Panel: Current Management of Single Sided Deafness: Options and Controversies
2018	12 th Annual Otolaryngology Update in New York City New York, NY	
	SESSION:	Otology Session
	PANEL:	What To Do In Single Sided Deafness
2018	Stanford Otology Update Palo Alto, CA	
	SESSION:	Facial Nerve
2019	American Neurotology Society (54 th Annual Meeting) Austin, TX	
	PANEL:	Meniere’s Disease: What Do We Know And What Don’t We Know?
2020	Hearing Health Foundation Virtual Webinar	
	WEBINAR:	Age Related Hearing Loss: Problems and Solutions
2020	14 th Annual Otolaryngology Update in New York City New York, NY	
	SESSION:	Otology Session
	PANEL:	Challenging Cases of Hearing Loss and Ear Diseases
2021	Hearing Health Foundation Virtual Webinar	
	WEBINAR:	New Developments in Treating Hearing Loss and Related Conditions: Digital Therapeutics
2021	Hearing Health Foundation Virtual Webinar	
	WEBINAR:	Measuring Tinnitus and Reactions to Tinnitus
2021	Hearing Health Foundation Virtual Webinar	
	WEBINAR:	The Present and Future of Inner Ear Hair Cell Generation
2021	Hearing Health Foundation Virtual Webinar	

	WEBINAR:	One Ear, Two Systems: The Relationship Between Balance and Hearing
2021	Combined Sections Meeting, Triological Society Virtual Zoom Meeting SESSION:	5 th Annual Triological Society Best Practices
2022	Hearing Health Foundation Virtual Webinar WEBINAR:	Chronic Childhood Ear Infections and Related Hearing Loss
2022	Combined Sections Meeting, Triological Society Coronado, CA SESSION:	6 th Annual Triological Society Best Practices
2022	Hearing Health Foundation Virtual Webinar WEBINAR:	Revealing Hidden Hearing Loss
2022	Hearing Health Foundation Virtual Webinar WEBINAR:	Central Auditory Processing Disorders
2022	Annual Meeting, American Academy of Otolaryngology-Head & Neck Surgery Philadelphia, PA SESSION: SESSION:	Best of Scientific Orals 1 Scientific Oral Presentations 3 – Otology/Neurotology
2022	Hearing Health Foundation Virtual Webinar WEBINAR:	Meniere's Disease: Definition, Evaluation, and Intervention
2023	Combined Sections Meeting, Triological Society Coronado, CA SESSION:	7 th Annual Triological Best Practices Panel
2023	Hearing Health Foundation Virtual Webinar WEBINAR:	Hyperacusis: When Everyday Sounds Are Too Loud, Annoying, and Painful
2023	Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum Tokyo, Japan SESSION:	Hearing Loss and Tinnitus (Scientific Poster Session 2)

2023	Hearing Health Foundation Virtual Webinar WEBINAR:	Accessing the Inner Ear for Treatments
2023	Hearing Health Foundation Virtual Webinar WEBINAR:	Auditory Gating in Tinnitus
2023	Annual Meeting, American Academy of Otolaryngology-Head & Neck Surgery SESSION:	Scientific Oral Presentations 5 (Otology & Neurotology)
2023	Hearing Health Foundation Virtual Webinar WEBINAR:	Brain Structure Associations With Age-Related Hearing Loss
2024	Hearing Health Foundation Virtual Webinar WEBINAR:	Selective Attention Across the Auditory System
2024	Hearing Health Foundation Virtual Webinar WEBINAR:	Vestibular Hair Cells
2024	Hearing Health Foundation Virtual Webinar WEBINAR:	Harnessing Brain Plasticity to Treat Tinnitus
2024	Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum Vienna, Austria SESSION:	Vestibular System (Session 5)
2024	Hearing Health Foundation Virtual Webinar WEBINAR:	Brain Activity for Listening
2024	American Academy of Otolaryngology—Head & Neck Surgery Annual Meeting and Expo, Miami Beach, FL SESSION:	Scientific Oral Presentations 1 – Otology/Neurotology
2025	4 th International Symposium on Inner Ear Therapeutics, International Society for Inner Ear Therapeutics (ISIET) Marrakech, Morocco SESSION:	Understanding Inner Ear

PUBLICATIONS (h-index: 74/total citations: 17,575; h-index since 2020: 36/total citations 5407)

ABSTRACTS

1. Bates FJ, Watson D, **Lalwani AK**. The Role of Flexible Endoscopy in the Management of Acute Airway Obstruction. *Otolaryngology-Head and Neck Surgery* 1988; 99(2): 193.
2. **Lalwani AK**, Tami TA. Deep Neck Abscess: An Unusual Presentation of Secondary Syphilis. *Otolaryngology-Head and Neck Surgery* 1989; 101(2): 225.
3. **Lalwani AK**, Langman A, Crumley RL. Chondrosarcoma of the Temporal Bone: An Unusual Presentation and Advances in Treatment. *Otolaryngology-Head and Neck Surgery* 1989; 101(2): 249.
4. **Lalwani AK**, Baldwin CT, Morell R, Friedman TB, San Agustin TB, Milunsky A, Adair R, Asher JH, Wilcox ER, Farrer LA. A locus for Waardenburg syndrome type II maps to chromosome 1p13.3-2.1. *Am J Hum Genet* 1994; 55 (supplement): A14.
5. Gupta V; Garcia J; Walton K; **Lalwani AK**; Llinas R. "Magnetoencephalographic recordings from tinnitus patients during masking procedures: an example of thalamocortical dysrhythmia [Abstract]". *Society for Neuroscience Abstract Viewer and Itinerary Planner*. 2008.
6. Gupta V, Garcia J, Walton K, **Lalwani AK**, Llinas R. Objective Determination of Tinnitus Type Through Magnetoencephalography." *Society for Neuroscience Abstract Viewer and Itinerary Planner*, 2009.

PUBLICATIONS: Refereed Articles

1. **Lalwani AK**, Kaplan MJ. Paranasal Sinus Leiomyosarcoma Following Cyclophosphamide and Irradiation. *Otolaryngology-Head and Neck Surgery* 1990; 103(6): 1039-1042.
2. **Lalwani AK**, Snyderman NL. Pharyngeal Ulceration in AIDS Patients Secondary to Cytomegalovirus Infection. *Annals of Otolaryngology, Rhinology, & Laryngology* 1991; 100(6): 484-7.
3. **Lalwani AK**, Engelstad BL, Boles R. Significance of Abnormal 111-Indium Leukocyte Accumulation in the Head and Neck Region. *Archives of Otolaryngology-Head & Neck Surgery* 1991; 117(10): 1038-1143.
4. **Lalwani AK**, Jackler RK. Spontaneous Hemotympanum Associated With Chronic Middle Ear Effusion. *American Journal of Otolaryngology* 1991; 12(6): 455-458.
5. **Lalwani AK**, Kaplan MJ. Mediastinal and Thoracic Complications of Necrotizing Fasciitis of the Head and Neck. *Head & Neck* 1991; 13: 531-539.

6. Lee KC, Tami TA, **Lalwani AK**, Schechter G. The Changing Face of Cervical Tuberculosis. *Laryngoscope* 1992; 102(1): 60-64.
7. **Lalwani AK**, Tami TA, Gelber RH. Nasal Manifestations of Lepromatous Leprosy. *Annals of Otolaryngology, Rhinology, & Laryngology* 1992; 101: 261-264.
8. **Lalwani AK**, Jackler RK. Endaural Encephalocele. *Otolaryngology-Head & Neck Surgery* 1992; 103(3): 309-310.
9. **Lalwani AK**, Engel T. Teratoma of the Tongue: A Case Report and Review of the Literature. *International Journal of Pediatric Otorhinolaryngology* 1992; 24(3): 227-233.
10. Grundfast KM, **Lalwani AK**. Practical Approach to Diagnosis and Management of Hereditary Hearing Impairment (HHI). *Ear Nose and Throat Journal*, 1992; 71(10): 306-318.
11. **Lalwani AK**, Chang JYJ, Lalwani RB. Indium 111-Labeled White Blood Cell Scan in Diagnosis of Occult Sinus Infection. *American Journal of Rhinology*, 1992; 6(6): 215-218.
12. **Lalwani AK**, Kaplan MJ, Gutin PH. The Trans-Sphenoid Approach to the Sphenoid Sinus and Clivus. *Neurosurgery*, 1992; 31(6): 1008-1014.
13. Chang JYJ, **Lalwani AK**, Lanser MJ. Actinomycosis of the External Auditory Canal. *Otolaryngology-Head & Neck Surgery*, 1993; 108(1): 73-75.
14. **Lalwani AK**, Lalwani RB, Bartlett PC. Heterotopic Gastric Mucosal Cyst of the Tongue. *Otolaryngology-Head & Neck Surgery*, 1993; 108(2): 204-205.
15. **Lalwani AK**, Dowd CF, Halbach VV. Venous Restrictive Disease in Transverse/Sigmoid Sinus Dural Arteriovenous Fistulas. *Journal of Neurosurgery*, 1993; 79(1): 11-15.
16. **Lalwani AK**, Jackler RJ, Gutin PH. A Lethal Fibrosarcoma Complicating Radiation Therapy for a Benign Glomus Jugulare Tumor. *American Journal of Otolaryngology*, 1993; 14(4): 398-402.
17. Kingdom TT, **Lalwani AK**, Pitts LH. Metastatic Melanoma Presenting as Cerebellopontine Angle Tumor. *Neurosurgery*, 1993; 33(1): 142-144.
18. **Lalwani AK**, Jackler RK. Preoperative Differentiation Between Meningioma of the Cerebellopontine Angle and Acoustic Neuroma Using Magnetic Resonance Imaging. *Otolaryngology—Head & Neck Surgery*, 1993; 109(1): 88-95.
19. **Lalwani AK**, Jackler RK, Harsh GR IV, Butt, FYS. Bilateral Temporal Bone Encephaloceles Following Cranial Irradiation. *Journal of Neurosurgery*, 1993; 79: 596-599.
20. **Lalwani AK**, Grundfast KM. A Role For The Otolaryngologist in Identification and Discovery of Genetic Disorders and Chromosomal Abnormalities. *Archives of Otolaryngology—Head & Neck Surgery*, 1993; 119(10): 1074-1081.

21. Farrer LA, Asher JH, Baldwin CT, Friedman TB, Greenberg J, Grundfast KM, **Lalwani AK**, Milunsky A., Morell R., Newton V., Rao VS, San Agustin T, Wilcox ER, Winship I, Read AP. Locus heterogeneity for Waardenburg syndrome is predictive of clinical subtypes. The American Journal of Human Genetics, 1994; 55: 728-737.
22. **Lalwani AK**, Brister JR, Fex J, Grundfast KM, Pikus A, Ploplis B, San Agustin T, Skarka H, Wilcox ER. A New Nonsyndromic X-linked Sensorineural Hearing Impairment Linked to Xp21.2. The American Journal of Human Genetics, 1994; 55: 685-694.
23. **Lalwani AK**, Butt, FYS, Jackler RK, Pitts LH, Yingling C. Facial Nerve Outcome Following Acoustic Neuroma Surgery: A Study From the Era of Cranial Nerve Monitoring. Otolaryngology—Head and Neck Surgery 1994; 111: 561-570.
24. **Lalwani AK**, Ploplis B, Fex J, Grundfast KM, Wilcox ER. Further Elucidation of the Genomic Structure of PAX3 and Identification of Two Different Point Mutations in the Homeobox of PAX3 Gene Causing Type 1 Waardenburg Syndrome. The American Journal of Human Genetics, 1995; 56(1): 75-83.
25. **Lalwani AK**, Butt, FYS, Jackler RK, Pitts LH, Yingling CD. Delayed Facial Nerve Palsy Following Acoustic Neuroma Surgery. American Journal of Otology, 1995; 16(6): 758-764.
26. Jain PK, Fukushima K, Deshmukh D, Ramesh A, Thomas E, **Lalwani AK**, Kumar S, Ploplis B, Skarka H, Srisailapathy CRS, Wayne S, Zbar RIS, Verma IC, Smith RJH, Wilcox ER. A human recessive neurosensory nonsyndromic hearing impairment locus is a potential homologue of the murine deafness (*dn*) locus. Human Molecular Genetics, 1995; 4(12): 2391-2394.
27. **Lalwani AK**, Carey T, Peters B, Goldstein IJ. Lectin Binding Characteristics of SCC of the Head and Neck. Acta Otolaryngologica (Stockh), 1996; 116: 125-131.
28. **Lalwani AK**, Walsh B, Reilly PG, Muzyska N, Mhatre A. Development of in vivo Gene Therapy for Hearing Disorders: Introduction of Adeno-Associated Virus Into the Guinea Pig Cochlea. Gene Therapy, 1996; 3(7): 588-592.
29. Abaza M, Makariou EV, Armstrong M, Pikus A, **Lalwani AK**. Growth Rate Characteristics of Acoustic Neuromas (ANs). Laryngoscope, 1996; 106(6): 694-699.
30. **Lalwani AK**, Mhatre AN, San Agustin T, Wilcox ER. Genotype-Phenotype Correlations in Type 1 Waardenburg Syndrome. Laryngoscope, 1996; 106(7): 895-902.
31. Morell R, Carey ML, **Lalwani AK**, Friedman TB, Asher JH Jr. Three Mutations in the Paired Homeodomain of PAX3 That Cause Waardenburg Syndrome Type 1. Human Heredity, 1997; 47(1): 38-41.
32. Peterson-Falzone SJ, Golabi M, **Lalwani AK**. Otolaryngologic Manifestations of Kabuki Syndrome. International Journal of Pediatric Otorhinolaryngology, 1997; 38: 227-236.

33. **Lalwani AK**, Linthicum FH, Wilcox ER, Moore JK, Walters FC, San Agustin TB, Mislinski J, Miller M, Sininger Y, Attaie A, Luxford WM. A three-generation family with late-onset, progressive hereditary hearing impairment and cochleosaccular degeneration. *Audiology & Neuro-Otology*, 1997; 2(3): 139-154.
34. Bavelier D, Corina D, Jezzard P, Padmanabhan S, Clark VP, Karni A, Prinster A, Braun A, **Lalwani A**, Rauschecker J, Turner R, Neville H. Sentence Reading: A Functional MRI Study at 4 Tesla. *Journal of Cognitive Neuroscience*, 1997; 9(5): 664-686.
35. Bikhazi N, Slattery W, **Lalwani AK**, Jackler RK, Brackmann DE. Occurrence of Unilateral Vestibular Schwannomas in Families. *Laryngoscope*, 1997; 107(9): 1176-1180.
36. Attaie A, Kim E, Wilcox ER, **Lalwani AK**. A Splice-Site Mutation Affecting the Paired Box of PAX3 in a Three Generation Family With Waardenburg Syndrome Type 1 (WS1). *Molecular and Cellular Probes*, 1997; 11: 233-236.
37. **Lalwani AK**, Han JJ, Walsh BJ, Zolotukhin S, Muzyczka N, Mhatre AN. Green Fluorescent Protein As a Reporter For Gene Transfer Studies Into the Cochlea of a Guinea Pig. *Hearing Research*, 1997; 114: 139-147.
38. Shah SB, **Lalwani AK**, Koerper MA. Perioperative Management of von Willebrand's Disease in Otolaryngologic Surgery. *Laryngoscope*, 108(1): 32-36, 1998.
39. **Lalwani AK**, Larky JB, Wareing MJ, Kwast K, Schindler RA. The Clarion Multi-Strategy Cochlear Implant: Surgical Technique, Complications and Results. *American Journal of Otology*, 1998; 19(1): 66-70.
40. Neville HJ, Bavelier D, Corina D, Rauschecker J, Karni A, **Lalwani A**, Braun A, Clark V, Jezzard P, Turner R. Cerebral Organization for Language in Deaf and Hearing Subjects: Biological Constraints and Effects of Experience. *Proceeding of the National Academy of Sciences of the United States of America*, 1998; 95(3): 922-929.
41. **Lalwani AK**, Walsh BJ, Reilly PG, Carvalho GJ, Zolotukhin S, Muzyczka N, Mhatre AN. Long Term In Vivo Cochlear Transgene Expression Mediated By Recombinant Adeno-Associated Virus. *Gene Therapy*, 1998; 5(2): 277-281.
42. Goodarzi MO, Broberg TG, **Lalwani AK**. Lymphoma of the Tympanic Membrane in Acquired Immunodeficiency Syndrome. *Auris Nasus Larynx*, 1998; 25(1): 89-94.
43. **Lalwani AK**, Abaza MM, Makariou EV, Armstrong M. Audiologic Presentation of Vestibular Schwannomas in Neurofibromatosis Type 2. *American Journal of Otology*, 1998; 19(3): 352-357.
44. **Lalwani AK**, Walsh BJ, Carvalho GJ, Muzyczka N, Mhatre AN. Expression of Adeno-Associated Virus (AAV) Integrated Transgene Within the Mammalian Vestibular Organs. *American Journal of Otology*, 1998; 19(3): 390-395.

45. Wang C, Kim E, Attaie A, Smith TN, Wilcox ER, **Lalwani AK**. A PAX3 Polymorphism (T315K) in a Family Exhibiting Waardenburg Syndrome type 2 (WS2). *Molecular and Cellular Probes*, 1998; 12: 55-57.
46. Liang Y, Wang A, Probst FJ, Arhya IN, Barber TD, Chen KS, Deshmukh D, Dolan DF, Hinnant JT, Jain PK, **Lalwani AK**, Li XC, Lupski JR, Moeljopawiro S, Morell R, Negrini C, Wilcox ER, Winata S, Camper SA, Friedman TB. Genetic Mapping Refines DFNB3 to 17p11.2, suggests multiple alleles of DFNB3 and supports homology to the mouse model *shaker-2*. *American Journal of Human Genetics*, 1998; 62(4): 904-915.
47. Li XC, Everett LA, **Lalwani AK**, Deshmukh D, Friedman TB, Green ED, Wilcox ER. Mutations in PDS, the Gene Responsible for Pendred Syndrome, Also Cause Non-Syndromic Recessive Deafness. *Nature Genetics*, 1998; 18(3): 215-217.
48. Bavelier D, Corina D, Jezzard P, Clark V, Karni A, **Lalwani A**, Rauschecker JP, Braun A, Turner R, Neville HJ. Hemispheric Specialization for English and ASL: Left Invariance - Right Variability. *Neuroreport*, 1998; 9(7), 1537-1542.
49. **Lalwani AK**, Jackler RK, Sweetow RW, Lynch ED, Raventos H, Morrow J, King MC, Leon PE. Further Characterization of the DFNA1 Audiovestibular Phenotype. *Archives of Otolaryngology—Head & Neck Surgery*, 1998; 124(6): 699-702.
50. Bikhazi PH, **Lalwani AK**, Kim EJ, Bikhazi N, Attaie A, Slattery WH, Brackmann DE, Jackler RK. Germline Screening of the NF-2 Gene in Families with Unilateral Vestibular Schwannoma. *Otolaryngology — Head and Neck Surgery*, 1998; 119(1):1-6.
51. Jain PK, **Lalwani AK**, Li XC, McDuffie T, Deshmukh D, Verma IC, Wilcox ER. A Gene For Recessive Nonsyndromic Sensorineural Hearing Impairment (DFNB18) Maps to the Chromosomal Region Containing the Usher Syndrome Type 1C Gene. *Genomics*, 1998; 50(2): 290-292.
52. Lattyak BV, Rosenthal P, Mudge C, Roberts JP, Renz JF, Osorio RW, Emond JC, **Lalwani AK**. Post-Transplant Lymphoproliferative Disorder Presenting in the Head and Neck. *Laryngoscope*, 1998; 108: 1195-98.
53. DeStefano AL, Cupples LA, Arnos KS, Asher JH Jr, Baldwin CT, Blanton S, Carey ML, da Silva EO, Friedman TB, Greenberg J, **Lalwani AK**, Milunsky A, Nance WE, Pandya A, Ramesar RS, Read AP, Tassabejhi M, Wilcox ER, Farrer LA. Correlation between Waardenburg syndrome phenotype and genotype in a population of individuals with identified PAX3 mutations. *Human Genetics*, 1998; 102(5):499-506.
54. Mhatre AN, Charchon G, Alper S, **Lalwani AK**. Cloning of the guinea pig AE2, a member of the anion exchanger gene family and in situ expression analysis within the cochlea. *Biophysica Biochemica Acta (BBA)*, 1998; 1414(1-2): 1-15.
55. Griffith AJ, Telian SA, Downs C, Gorski JL, Gebarski SS, **Lalwani AK**, Sheldon S. Familial Mondini Dysplasia. *Laryngoscope*, 1998; 108(9): 1368-1373.

56. **Lalwani AK**, Attaie A, Randolph F, Deshmukh D, Wang C, Mhatre AN, Wilcox ER. A point mutation in the MITF associated with Waardenburg syndrome type II in a three generation Indian family. *American Journal of Medical Genetics*, 1998; 80(4): 406-409.
57. Pfister MHF, Apaydin F, Turan O, Bereketoglu M, Bylgen V, Braendle U, Zenner HP, **Lalwani AK**. A second family with non-syndromic sensorineural hearing loss linked to Xp21.2: refinement of the DFN4 locus to within DMD. *Genomics*, 1998; 53(3): 377-382.
58. Shah SB, **Lalwani AK**, Dowd CF. Transverse/Sigmoid sinus dural arteriovenous fistulas presenting as pulsatile tinnitus. *Laryngoscope*, 1999; 109(1): 54-58.
59. **Lalwani AK**, Luxford WM, Mhatre AN, Attaie A, Wilcox ER, Castelein CM. A new locus for nonsyndromic hereditary hearing impairment (DFNA17) maps to chromosome 22 and represents a gene for cochleosaccular degeneration. *American Journal of Human Genetics*, 1999; 64(1): 318-323.
60. Carvalho GJ, **Lalwani AK**. Effect of Cochleostomy and Intracochlear Infusion on Auditory Brainstem Response Thresholds in the Guinea Pig. *American Journal of Otology*, 1999; 20(1): 87-90.
61. Carvalho GH, Song CS, Vargervik K, **Lalwani AK**. Auditory and facial nerve dysfunction in patients with hemifacial microsomia. *Archives of Otolaryngology—Head & Neck Surgery*, 1999; 125(2): 209-212.
62. Wareing M, Mhatre AN, Pettis RM, Han JJ, Haut T, Pfister MHF, Hong K, Zheng WW, **Lalwani AK**. Cationic liposome mediated transgene expression in the guinea pig cochlea. *Hearing Research*, 1999; 128: 61-69.
63. Pfister MHF, Apaydin F, Turan O, Bereketoglu M, Bylgen V, Braendle U, Kose S, Zenner HP, **Lalwani AK**. Clinical evidence for dystrophin dysfunction as a cause of hearing loss in DFN4. *Laryngoscope*, 1999; 109(5): 730-5.
64. Chen D, **Lalwani AK**, House, J, Choo D. Aspergillus Mastoiditis in Acquired Immunodeficiency Syndrome. *American Journal of Otology*, 1999; 20(5): 561-7.
65. Bikhazi PH, Roeder E, Attaie A, **Lalwani AK**. Familial Paragangliomas: The Emerging Impact of Molecular Genetics on Evaluation and Management. *American Journal of Otology*, 1999; 20(5): 639-43.
66. Han JJ, Mhatre AN, Wareing M, Pettis R, Zufferey AN, Trono D, **Lalwani AK**. Transgene Expression in the Guinea Pig Cochlea Mediated by the Lentivirus Derived Gene Transfer Vector. *Human Gene Therapy*, 1999; 10(11): 1867-1874.
67. Mhatre AN, Steinbach S, Hribar K, Hoque ATMS, **Lalwani AK**. Identification of Aquaporin 5 (Aqp5) Within the Cochlea: cDNA Cloning and In Situ Localization. *Biochemical and Biophysical Research Communications*, 1999; 264(1): 157-62.

68. Ahn M, Hilsinger R, **Lalwani AK**. Familial Mixed Tumors of the Parotid Gland. Head & Neck, 1999; 21(8): 772-775.
69. Bikhazi PH, Messina L, Mhatre AN, Goldstein JA, **Lalwani AK**. Molecular Pathogenesis in Sporadic Head and Neck Paraganglioma. Laryngoscope, 2000; 110(8): 1346-8.
70. Shin EJ, **Lalwani AK**, Dowd CF. Role of Angiography in the Evaluation of Patients with Pulsatile Tinnitus. Laryngoscope, 2000; 110 (11): 1916-1920.
71. Johnson J, **Lalwani AK**. Sensorineural and Conductive Hearing Loss Associated with Lateral Semicircular Canal Malformation. Laryngoscope, 2000; 110 (10 PT 1): 1673-1679.
72. Yasunaga S, Grati M, Chardenoux S, Smith TN, Friedman TB, **Lalwani AK**, Wilcox ER, Petit, C. *OTOF* encodes multiple long and short isoforms: genetic evidence that the long ones underlie the recessive deafness DFNB9. American Journal of Human Genetics, 2000; 67(3): 591-600.
73. Kho ST, Pettis RM, Mhatre AN, **Lalwani AK**. Safety of Adeno Associated Virus As Cochlear Gene Transfer Vector: Analysis of Distant Spread Beyond Injected Cochleae. Molecular Therapy, 2000; 2(4): 368-373.
74. **Lalwani AK**, Goldstein JA, Kelley MJ, Luxford W, Castelein C, Mhatre AN. Human Nonsyndromic Deafness DFNA17 is Due to a Mutation in Nonmuscle Myosin MYH9. American Journal of Human Genetics, 2000; 67(5): 1121-28.
75. Kho ST, Pettis RM, Mhatre AN, **Lalwani AK**. Cochlear Microinjection and its Effect Upon Auditory Function. European Archives of Oto-Rhino-Laryngology, 2000; 257(9): 469-472.
76. Yu KCY, **Lalwani AK**. Inner Ear Malformation and Hearing Loss in Linear Nevus Sebaceous Syndrome. International Journal of Pediatric Otorhinolaryngology, 2000; 56(3): 211-216.
77. Riazuddin S, Castelein CM, Ahmed ZM, **Lalwani AK**, Mastroianni MA, Naz S, Smith TN, Liburd NA, Friedman TB, Griffith AJ, Riazuddin S, Wilcox ER. Dominant Modifier DFNMI Suppresses Recessive Deafness DFNB26. Nature Genetics, 2000; 26(4): 431-4.
78. Jero J, Tseng CJ, Mhatre AN, **Lalwani AK**. A Surgical Approach Appropriate for Targeted Cochlear Gene Therapy in the Mouse. Hearing Research, 2001; 151(1-2): 106-114.
79. Bork JM, Peters LM, Riazuddin S, Bernstein SL, Ahmed ZM, Ness SL, Polomeno R, Ramesh A, Schloss M, Srisailpathy CRS, Wayne S, Bellman S, Desmuk D, Ahmed Z, Khan SN, Der Kaloustian VM, Li XC, **Lalwani AK**, Riazuddin S, Bitner-Glindzicz M, Nance WE, Liu XZ, Wistow G, Richard J. H. Smith RJH, Griffith AJ, Wilcox ER, Thomas B. Friedman TB and Morell RJ. Usher syndrome 1D (USH1D) and nonsyndromic recessive deafness DFNB12 are caused by allelic mutations of the novel cadherin-like gene *CDH23*. American Journal of Human Genetics, 2001; 68(1): 26-37.

80. Catten MD, Murr AH, Goldstein JA, Mhatre AN, **Lalwani AK**. Detection of Fungi in the Nasal Mucosa Using Polymerase Chain Reaction. *Laryngoscope*, 2001; 111(3): 399-403.
81. Jero J, Mhatre AN, Tseng CJ, Stern RE, Coling D, Goldstein JA, Hong K, Zheng WW, Hoque S, **Lalwani AK**. Cochlear Gene Delivery Through an Intact Round Window Membrane in Mouse. *Human Gene Therapy*, 2001; 12: 539-548.
82. Noss RS, **Lalwani AK**, Yingling CD. Facial Nerve Monitoring in Middle Ear and Mastoid Surgery. *Laryngoscope*, 2001; 111(5): 831-836.
83. Lin D, Goldstein JA, Mhatre An, Lustig LR, Pfister M, **Lalwani AK**. Assessment of Denaturing High-Performance Liquid Chromatography (DHPLC) in Screening for Mutations in Connexin 26. *Human Mutation*, 2001; 18(1): 42-51.
84. Jero J, Coling DE, **Lalwani AK**. The Use of Preyer's Reflex in Evaluation of Hearing in Mice. *Acta Otolaryngologica (Stockholm)*, 2001; 121(5): 585-589.
85. Yu KCY, Hegarty JL, Gantz BJ, **Lalwani AK**. Conservative Management of Infections in Cochlear Implant Recipients. *Otolaryngology—Head and Neck Surgery* 2001; 125(1): 66-70.
86. Chu EA, Mhatre AN, Lustig LR, **Lalwani AK**. Implication of Mutations in Connexin 31 on Cochlear Implant Outcome. *Gene Function and Disease* 2001; 2(5-6): 214-220.
87. Mafong DD, Shin EJ, **Lalwani AK**. Utility of Laboratory Evaluation and Radiologic Imaging in the Diagnostic Evaluation of Children with Sensorineural Hearing Loss. *Laryngoscope* 2002; 112(1): 1-7.
88. **Lalwani AK**. Evaluation of Childhood Sensorineural Hearing Loss in the Post-Genome World. *Archives of Otolaryngology-Head & Neck Surgery* 2002; 128(1): 88-9.
89. Hegarty JL, Patel S, Fischbein N, Jackler RK, **Lalwani AK**. The Value of Enhanced MRI in the Evaluation of Endocochlear Disease. *Laryngoscope* 2002; 112(1): 8-17.
90. **Lalwani AK**, Jero J, Mhatre AN. Current Issues in Cochlear Gene Transfer. *Audiology & Neuro-Otology* 2002; 7(3): 146-151.
91. Laane CJ, Murr AH, Mhatre AN, Jones KD, **Lalwani AK**. Role of Epstein-Barr Virus and Cytomegalovirus in the Etiology of Benign Parotid Tumors. *Head & Neck, Journal for the Sciences and Specialties of the Head and Neck* 2002; 24(5): 443-450.
92. Goldstein JA, **Lalwani AK**. Further Evidence for a Third Deafness Gene Within the DFNA2 Locus. *American Journal of Medical Genetics* 2002; 108(4): 304-309.
93. Mhatre AN, Jero J, Chiappini I, Bolasco G, Barbara M, **Lalwani AK**. Aquaporin-2 Expression in the Mammalian Cochlea and Investigation of its Role in Meniere's Disease. *Hearing Research* 2002; 170(1-2): 59-69.

94. **Lalwani AK**, Han JJ, Castelein CM, Carvalho GJ, Mhatre AN. *In Vitro* and *In Vivo* Assessment of AAV-BDNF's Ability to Enhance Spiral Ganglion Cell Survival Following Ototoxic Insult. *Laryngoscope* 2002; 112(8): 1325-34.
95. Mhatre AN, Stern RE, Li J, **Lalwani AK**. Aquaporin 4 (AQP4) Expression in the Mammalian Inner Ear and Its Role in Hearing. *Biochemical and Biophysical Research Communications* 2002; 297(4): 987-996.
96. Kim EJ, Catten MD, **Lalwani AK**. Detection of Fungal DNA in Effusion Associated with Acute and Serous Otitis Media. *Laryngoscope* 2002; 112(11): 2037-2041.
97. Stern RE, **Lalwani AK**. Audiologic Evidence for Further Genetic Heterogeneity at DFNA2. *Acta Otolaryngologica (Stockh)* 2002; 122(7): 730-5.
98. Mafong DD, Pletcher SD, Hoyt C, **Lalwani AK**. Ocular Findings in Children With Congenital Sensorineural Hearing Loss. *Archives of Otolaryngology—Head and Neck Surgery* 2002; 128(11): 1303-6.
99. Yen TL, Driscoll CLW, **Lalwani AK**. Significance of House-Brackmann Facial Nerve Grading Global Score in the Setting of Differential Facial Nerve Function. *Otology & Neurotology* 2003; 24(1): 118-122.
100. Purcell D, Johnson J, Fischbein N, **Lalwani AK**. Establishment of Normative Cochlear And Vestibular Measurements To Aid In The Diagnosis Of Inner Ear Malformations. *Otolaryngology-Head and Neck Surgery* 2003; 128(1): 78-87.
101. Mhatre AN, Kim Y, Brodie HA, **Lalwani AK**. Macrothrombocytopenia and Progressive Deafness is Due to a Mutation in MYH9. *Otology & Neurotology* 2003; 24(2): 205-209.
102. Shin EJ, Gürtler N, Kim E, **Lalwani AK**. Screening of Middle Ear Effusion for Common Sinus Pathogen *Bipolaris*. *European Archives of Oto-Rhino-Laryngology* 2003; 260(2):78-80.
103. Mhatre AN, Weld E, **Lalwani AK**. Mutation Analysis of Connexin 31 (GJB3) in Sporadic Nonsyndromic Hearing Impairment. *Clinical Genetics* 2003; 63(2): 154-159.
104. Reeck JB, **Lalwani AK**. Isolated Vestibular Ossification Following Meningitis Associated With Sensorineural Hearing Loss. *Otology & Neurotology* 2003; 24(4): 576-581.
105. Coling DE, Yu KCY, Somand D, Satar B, Bai U, Huang TT, Seidman MD, Epstein CJ, Mhatre AN, **Lalwani AK**. Effect of SOD1 Overexpression on Age- and Noise-Related Hearing Loss. *Free Radical Biology & Medicine* 2003; 34(7): 873-880.
106. Visosky AMB, Johnson J, Bingea B, Gurney T, **Lalwani AK**. Otolaryngologic Manifestations of Cleidocranial Dysplasia, Concentrating on Audiologic Findings. *Laryngoscope* 2003; 113(9): 1508-1514
107. Wilson L, Lin E, **Lalwani AK**. Cost-Effectiveness of Intraoperative Facial Nerve Monitoring in Middle Ear or Mastoid Surgery. *Laryngoscope* 2003; 113(10): 1736-1745.

108. Gürtler N, Kim Y, Mhatre A, Müller R, Probst R, **Lalwani AK**. *GJB2* Mutations in the Swiss Hearing Impaired. *Ear and Hearing* 2003; 24(5):440-447.
109. Purcell D, Fischbein N, **Lalwani AK**. Identification of Previously “Undetectable” Abnormalities of the Bony Labyrinth with CT Measurement. *Laryngoscope* 2003; 113(11): 1908-1911.
110. Scheuller MC, Murr AH, Goldberg AN, Mhatre AN, **Lalwani AK**. Quantitative Analysis of Fungal DNA in Chronic Rhinosinusitis. *Laryngoscope* 2004; 114(3): 467-471.
111. Mhatre, AN, Li J, Chen AF, Yost, CS, Smith, RJH, Kindler, CH, **Lalwani, AK**. Genomic Structure, Cochlear Expression and Mutation Screening of *KCNK6*, a Candidate Gene for DFNA4. *Journal of Neuroscience Research* 2004; 75(1): 25-31.
112. Mhatre AN, Li J, Kim Y, Jero J, Coling DE, **Lalwani AK**. Cloning and Developmental Expression of Nonmuscle Myosin IIA (*MYH9*) in the Mammalian Inner Ear. *Journal of Neuroscience Research* 2004; 76(3): 296-305.
113. Chatelin V, Kim EJ, Driscoll C, Larky J, Polite C, Price L, **Lalwani AK**. Cochlear Implant Outcomes in the Elderly. *Otology & Neurotology* 2004; 25(3): 296-305.
114. Lustig R, Lin D, Venick H, Larky J, Yeagle J, Chinnici, Polite C, Mhatre AN, Niparko JK, **Lalwani AK**. *GJB2* Gene Mutations in Cochlear Implant Recipients: Prevalence and Impact on Outcome. *Archives of Otolaryngology—Head and Neck Surgery* 2004; 130(5): 541-546.
115. Yen TL, Murr AH, Rabin J, Mhatre AN, **Lalwani AK**. Role of CMV, EBV, and HHV-8 in Benign Lymphoepithelial Cysts of the Parotid Gland. *Laryngoscope* 2004; 114(8): 1500-1505.
116. Pusch CM, Meyer B, Kupka S, Smith RJ, **Lalwani AK**, Zenner HP, Blin N, Nürnberg P, Pfister M. Refinement of the DFNA4 Locus to a 1.44 Mb Region in 19q13.33. *Journal of Molecular Medicine* 2004; 82(6): 398-402.
117. Waltzman S, Roland JT, Waltzman M, Shapiro W, **Lalwani A**, Cohen N. Cochlear reimplantation in children: soft signs, symptoms and results. *Cochlear Implants International* 2004; 5(4): 138-145.
118. Gürtler N, Kim Y, Mhatre AN, Schlegel C, Mathis A, Probst R, **Lalwani AK**. DFNA54, a third locus for low-frequency hearing loss. *Journal of Molecular Medicine* 2004; 82(11): 775-80.
119. Mhatre AN, Li Y, Feng L, **Lalwani AK**. *SDHB*, *SDHC* and *SDHD* Mutation Screen in Sporadic and Familial Head and Neck Paragangliomas. *Clinical Genetics* 2004; 66(5): 461-6.

120. Gürtler N, Schmuziger N, Kim Y, Mhatre AN, Jungi M, **Lalwani AK**. Screening Patients for 12S rRNA Mutations Before Therapy with Aminoglycosides. *Laryngoscope* 2005; 115(4): 640-644.
121. Karmody CS, Blevins NH, **Lalwani AK**. Sensorineural Hearing Loss, Early Greying, and Essential Tremor: A New Hereditary Syndrome? *Otolaryngology—Head & Neck Surgery* 2005; 133(1): 94-99.
122. Gürtler N, Kim Y, Mhatre A, Schlegel C, Mathis A, Daniels R, Shelton C, Probst R, **Lalwani AK**. Two Families with Nonsyndromic Low-Frequency Hearing Loss Harbor Mutations in Wolfram Syndrome Gene 1. *Journal of Molecular Medicine* 2005; 83(7): 553-60.
123. Young RJ, Shatzkes DR, Babb JS, **Lalwani AK**. The Cochlear - Carotid Interval: Anatomic Variation And Potential Clinical Implications. *AJNR American Journal of Neuroradiology* 2006; 27 (7): 1486-1490.
124. Purcell DD, Fischbein NJ, Patel A, Johnson J, **Lalwani AK**. Two Temporal Bone CT Measurements Increase Recognition of Malformations and Predict SNHL. *Laryngoscope* 2006; 116(8): 1439-1446.
125. Mhatre AN, Li Y, Atkin G, Maghnouj A, **Lalwani AK**. Expression Myh9 in the Mammalian cochlea: Localization Within the Stereocilia. *Journal of Neuroscience Research* 2006; 84(4): 809-18.
126. Grandis JR, Battey JF, Califf RM, Chole RA, Gantz BJ, Gates GA, Gorelic L, Hannley MT, Hardwick KS, Harris JP, Kapoor WN, Lai SY, **Lalwani AK**, Minor LB, Nadol JP, Post JC, Roland PS, Schechter AM, Schuller DE, Sklare DA, Wackym PA, Weber RS, Weymuller EA Jr, Wolf GT, Woodson GE. Research education and training in otolaryngology: Meeting summary and research opportunities. *Otolaryngology – Head and Neck Surgery* 2006; 35(3): 361-367.
127. Morris LG, Mallur PS, Roland JT, Waltzman SB, **Lalwani AK**. Implication of Central Asymmetry in Speech Processing on Selecting the Ear for Cochlear Implantation. *Otology & Neurotology* 2007; 28(1): 25-30.
128. Mhatre AN, Li Y, Bhatia N, Wang K, Atkins G, **Lalwani AK**. Generation and Characterization of Mice with Myh9 Deficiency. *NeuroMolecular Medicine*, 2007; 9(3): 205-215.
129. Lanson BG, Green JE, Roland JT Jr, **Lalwani AK**, Waltzman SB. Cochlear implantation in children with CHARGE syndrome: therapeutic decisions and outcomes. *Laryngoscope*, 2007; 117(7): 1260-1266.
130. Mallur PS, **Lalwani AK**. Fluctuating Steroid Responsive Auditory Neuropathy/Dys-Synchrony is Suggestive of CNS Pathology. *Otology & Neurotology*, 2007; 28(8): 1002-1004.

131. **Lalwani AK**, Atkin G, Li Y, Lee, JY, Hillman DE, Mhatre AN. Localization in Stereocilia, Plasma Membrane, and Mitochondria Suggest Diverse Roles for NMHC-IIa Within Mouse Cochlear Hair Cells. *Brain Research*, 2008; 1197: 13-22.
132. Mallur PS, Wisoff JH, **Lalwani AK**. Steroid Responsive Fluctuating Sensorineural Hearing Loss Due To Juvenile Pilocytic Astrocytoma Involving the Cerebellopontine Angle. *International Journal of Pediatric Otorhinolaryngology*, 2008; 72(4): 529-534.
133. Li Y, **Lalwani AK**, Mhatre AN. Alternative Splice Variants of *Myh9*. *DNA and Cell Biology*, 2008; 27(3): 117-125.
134. Zeitler DM, Kessler MA, Terushkin V, Roland JT Jr, Svirsky MA, **Lalwani AK**, Waltzman SB. Speech Perception Benefits of Sequential Bilateral Cochlear Implantation in Children and Adults: A Retrospective Analysis. *Otology & Neurotology*, 2008; 29(3): 314-325.
135. Shapiro WH, Huang T, Shaw T, Roland JT Jr, **Lalwani AK**. Remote Intraoperative Monitoring During Cochlear Implant Surgery is Feasible and Efficient. *Otology & Neurotology*, 2008; 29(4): 495-498, 2008.
136. Li Y, Friedmann DR, Mhatre AN, **Lalwani AK**. *MYH9*-siRNA and *MYH9* Mutant Alleles: Expression in Cultured Cell Lines and Their Effects Upon Cell Structure and Function. Cell Motility and the Cytoskeleton, 2008; 65(5): 393-405.
137. **Lalwani AK**, Budenz CL, Weisstuch AS, Babb J, Roland JT Jr, Waltzman SB. Predictability of Cochlear Implant Outcome in Families. *Laryngoscope*, 2008; 119(1): 131-136.
138. Spiegel JH, **Lalwani AK**. Large Vestibular Aqueduct Syndrome and Endolymphatic Hydrops: Two Presentations of a Common Primary Inner-Ear Dysfunction? *Journal of Laryngology and Otology*, 2008; 12: 1-3.
139. Zeitler DM, **Lalwani AK**, Roland JT Jr, Habib MG, Gudis D, Waltzman SB. The Effects of Cochlear Implant Electrode Deactivation on Speech Perception and in Predicting Device Failure. *Otology & Neurotology*, 2009; 30(1): 7-13.
140. Mallur P, Harirchian S, **Lalwani AK**. Pre and Post Operative Intracranial Complications of Acute Mastoiditis. *Annals of Otology, Rhinology and Laryngology*, 2009; 118(2): 118-123.
141. Coelho DC, Yeh J, Kim J, **Lalwani AK**. Cochlear Implantation is Associated with Minimal Anesthetic Risk in the Elderly. *Laryngoscope*, 2009; 119(2): 355-358.
142. Reitzen SD, Babb J, **Lalwani AK**. Significance and Reliability of the House and Brackmann Grading System for Regional Facial Nerve Function. *Otolaryngology-Head & Neck Surgery*, 2009; 140(2): 154-158.
143. Mhatre AN, Janssen S, Nardi MA, Li Y, **Lalwani AK**. Clinical and Molecular Genetic Analysis of a Family with Macrothrombocytopenia (MTCP) and Early Onset Sensorineural Hearing Loss (SNHL). *European Journal of Medical Genetics*, 2009; 52: 185-90.

144. Friedmann DR, Le BT, Pramanik B, **Lalwani AK**. Clinical Spectrum of Patients with Dehiscence of the Inner Ear Secondary to Abnormalities of the Jugular Bulb. *Laryngoscope*, 2010; 120(2): 365-372.
145. Wei CC, **Lalwani AK**. Mhatre AN. *In Vitro* Expression and Characterization of *MYH9* Mutant Alleles Linked to Hereditary Hearing Loss (HHL). *Otolaryngology-Head and Neck Surgery*, 2010; 142(5): 699-703.
146. Mallur PS, Weisstuch A, Pfister M, Mhatre AN, **Lalwani AK**. Aquaporin-2 and 4: Single Nucleotide Polymorphisms in Meniere's Disease Patients. *Audiological Medicine*, 2010; 8: 18-23.
147. Cosetti MK, Shapiro WH, Green JE, Roman BR, **Lalwani AK**, Gunn SH, Roland JT Jr, Waltzman S. Intraoperative Neural Response Telemetry As Predictor of Performance. *Otology & Neurotology*, 2010; 31(7): 1095-9.
148. Mhatre AN, Tajudeen B, Welt EM, Wartmann C, Long GR, **Lalwani AK**. Temporary Reduction of Distortion Product Otoacoustic Emissions (DPOAEs) Immediately Following Auditory Brainstem Response (ABR). *Hearing Research*, 2010; 269: 180-185.
149. Chang JL, Brauer DS, Johnson J, Chen C, Akil O, Balooch G, Humphrey MB, Chin E, Porter A, Butcher K, Ritchie R, Schneider RA, **Lalwani AK**, Derynck R, Marshall GW, Marshall SJ, Lustig L, Alliston TN. Tissue-Specific Calibration of Extracellular Matrix Material Properties by TGF- β and Runx2 is Required for Hearing. *EMBO Report*, 2010; 11(10): 65-71.
150. Martin D, Bat-Chava Y, **Lalwani AK**, Waltzman SB. Peer Relationships of Deaf Children with Cochlear Implants: Predictors of Peer Entry and Peer Interaction Success. *Journal of Deaf Studies and Deaf Education*, 2011; 16(1): 108-120.
151. Ng D, Fouladvand M, **Lalwani AK**. Skew Deviation After Intratympanic Gentamicin Therapy. *Laryngoscope*, 2011; 121(3): 492-494.
152. Jethanamest D, **Lalwani AK**. Stapes Displacement in Chronic Otitis Media. *Otology & Neurotology*, 2011; 32(6): e42-e43.
153. Yu X, Nieman BJ, Sudarov A, Szulc KU, Abdollahian DJ, Bhatia N, **Lalwani AK**, Joyner AL, Turnbull DH. Morphological and Functional Midbrain Phenotypes in Fibroblast Growth Factor 17 Mutant Mice Detected by Mn-Enhanced MRI. *NeuroImage*, 2011; 56(3): 1251-1258.
154. **Lalwani AK**, Liu YH, Weitzman M. Secondhand Smoke and Sensorineural Hearing Loss in Adolescents. *Archives of Otolaryngology-Head & Neck Surgery*, 2011; 137(7): 655-662.
155. Liu CM, Cosetti MK, Aziz M, Buchhagen JL, Contente-Cuomo TL, Price LB, Keim PS*, **Lalwani AK*** (*Co-Senior Authors). The Otologic Microbiome: A Study of the Bacterial Microbiota in a Pediatric Patient With Chronic Serous Otitis Media Using 16S rRNA

- Gene-Based Pyrosequencing. Archives of Otolaryngology-Head & Neck Surgery, 2011; 137(7): 664-668.
156. Yeh JS, Mooney KL, Gingrich K, Kim JT, **Lalwani AK**. Anesthetic Complications in Pediatric Patients Undergoing Cochlear Implantation. Laryngoscope, 2011; 121(10): 2240-4.
157. **Lalwani AK**, Cohen NL. The Longitudinal Risk of Meningitis Following Cochlear Implantation Associated with the Use of the Positioner. Otology & Neurotology, 2011; 32(7): 1082-1085.
158. Friedmann DR, Eubig J, McGill M, Babb JS, Pramanik BK, **Lalwani AK**. Development of the Jugular Bulb: A Radiologic Study. Otology & Neurotology, 2011; 32(8): 1389-95.
159. Papeta N, Kiryluk K, Patel A, Sterken R, Kacak N, Snyder HJ, Imus PH, Mhatre AN, **Lalwani AK**, Julian BA, Wyatt RC, Novak J, Wyatt CM, Ross MJ, Winston JA, Klotman ME, Cohen DJ, Appel GB, D'Agati VD, Klotman PE, Gharavi AG. *APOL1* Variants Increase Risk For Focal Segmental Glomerulosclerosis (FSGS) and HIV-1 Associated Nephropathy (HIVAN) But Not IgA Nephropathy. Journal of American Society of Nephrology, 2011; 22(11): 1991-6.
160. **Lalwani AK**, Cohen NL. Does Meningitis Following Cochlear Implantation Remain a Concern in 2011? Otology & Neurotology, 2012; 33(1) 93-95.
161. Anwar AA, **Lalwani AK**. Should Antibiotics Be Prescribed for Acute Otitis Media? Laryngoscope, 2012; 122: 4-5.
162. Friedmann DR, Eubig J, Winata LS, Pramanik BK, Merchant SN, **Lalwani AK**. A Clinical and Histopathologic Study of Jugular Bulb Abnormalities. Archives of Otolaryngology-Head & Neck Surgery, 2012; 138(1): 66-71.
163. Friedmann DR, Amoils M, Germiller JA, Lustig LR, Glastonbury CM, Pramanik BK, **Lalwani AK**. Venous Malformations of the Temporal Bone Are A Common Feature in CHARGE Syndrome. Laryngoscope, 2012; 122(4): 895-900.
164. Gupta S, Heman-Ackah SE, **Lalwani AK**. Are Prophylactic Antibiotics Necessary for Otologic Surgery? Laryngoscope, 2012; 122(6): 1183-1184.
165. Cosetti MK, Tawfik K, Fouladvand M, Roland JT, **Lalwani AK**. Diplopia Due to Skew Deviation Following Neurotologic Procedures. Otology & Neurotology, 2012; 33(5): 840-842.
166. Kuhn MA, Friedmann DR, Winata LS, Eubig J, Pramanik BK, Kveton J, Kohan D, Merchant SN, **Lalwani AK**. Large jugular Bulb Abnormalities Involving the Middle Ear. Otology & Neurotology, 2012; 33(7): 1201-1206.

167. Friedmann DR, Eubig J, Winata LS, Pramanik BK, Merchant SN, **Lalwani AK**. Prevalence of Jugular Bulb Abnormalities and Resultant Inner Ear Dehiscence: A Histopathologic and Radiologic Study. *Otolaryngology-Head and Neck Surgery*, 2012; 147(4): 750-756.
168. Heman-Ackah SE, Gupta S, **Lalwani AK**. Is Facial Nerve Integrity Monitoring of Value in Chronic Ear Surgery? *Laryngoscope*, 2013; 123(1): 2-3.
169. Peng R, **Lalwani AK**. Efficacy of “Hammock” Tympanoplasty in the Treatment of Anterior Perforation. *Laryngoscope*, 2013; 123(5): 1236-1240.
170. Serby MJ, Hagiwara M, O’Connor L, **Lalwani AK**. Musical Hallucinations Associated With Pontine Lacunar Lesions. *Journal of Neuropsychiatry and Clinical Neurosciences*, 2013; 25(2): 153-156.
171. Weitzman M, Govil N, Liu YH, **Lalwani AK**. Maternal Prenatal Smoking and Hearing Loss Among Adolescents. *Archives of Otolaryngology-Head and Neck Surgery*, 2013; 139(7): 669-77.
172. **Lalwani AK**, Katz K, Liu YH, Kim S, Weitzman M. Obesity is Associated With Sensorineural Hearing Loss in Adolescents. *Laryngoscope*, 2013; 123: 3178-3184.
173. Kohlberg G, Spitzer JB, Mancuso D, **Lalwani AK**. Does Cochlear Implantation Restore Music Appreciation? *Laryngoscope*, 2014; 124(3): 587-588.
174. Hong P, Liu CM, Nordstrom L, **Lalwani AK**. The Role of the Human Microbiome in Otolaryngology-Head and Neck Surgery: A Contemporary Review. *Laryngoscope*, 2014; 124(6): 1352-1357.
175. Fritz MA, Roehm PC, Bannan MA, **Lalwani AK**. Extracellular and Intracellular Melanin in Inflammatory Middle Ear Disease. *Laryngoscope*, 2014; 124(6): E241-244.
176. Peng R, Chow D, De Seta D, **Lalwani AK**. Intensity of Gadolinium Enhancement on MRI is Useful in Differentiation of Intracochlear Inflammation From Tumor. *Otology & Neurotology*, 2014; 35(5): 905-910.
177. Watanabe H, Kysar JW, **Lalwani AK**. Microanatomic analysis of the round window membrane by white light interferometry and microcomputed tomography for mechanical amplification. *Otology & Neurotology*, 2014; 35(4): 672-678.
178. Watanabe H, Velmurugan J, Mirkin MV, Svirsky MA, **Lalwani AK**, Llinas R. Scanning Electrochemical Microscopy As A Novel Proximity Sensor For Atraumatic Cochlear Implant Insertion. *IEEE Transactions on Biomedical Engineering (TBME)*, 2014; 61(6): 1822-1832.
179. Spitzer J, Chari D, Machmer E, Lipson S, Rouse L, **Lalwani AK**. Utility of Electronystagmography in the Prediction of Postoperative Outcome Following Cochlear Implantation. *The Journal of Laryngology & Otology*, 2015; 129(3): 238-243.

180. Kelso CM, Watanabe H, Wazen JM, Bucher T, Qian ZJ, Olson ES, Kysar JW, **Lalwani AK**. Microperforations Significantly Enhance Diffusion Across Round Window Membrane. *Otology & Neurotology*, 2015; 36(4): 694-700.
181. Hagiwara M, Roland JR Jr, Wu X, Nusbaum A, Babb JS, Roehm PC, Hammerschlag P, **Lalwani AK**, Fatterpekar G. Identification of Endolymphatic Hydrops in Ménière's Disease Utilizing Delayed Post-Contrast 3D FLAIR and Fused 3D FLAIR and CISS Color Maps. *Otology & Neurotology*, 2014; 35(10): e337-42.
182. Certo MV, Kohlberg GD, Chari DA, Mancuso DM, **Lalwani AK**. Reverberation Time Influences Music Enjoyment with Cochlear Implants. *Otology & Neurotology*, 2015; 36(2): e46-50.
183. Cosetti MK, **Lalwani AK**. Is Cochlear Implantation Safe and Effective In The Elderly? *Laryngoscope*, 2015; 125(6): 1279-81.
184. Kohlberg GD, Mancuso DM, Chari DA, **Lalwani AK**. Music Engineering As A Novel Strategy For Enhancing Music Enjoyment in Cochlear Implant Recipient. *Behavioural Neurology*, 2015; 2015:829680. doi: 10.1155/2015/829680.
185. Tang S, Nickel C, **Lalwani AK**. Pulmonary Embolism and Infarct After Bilateral Cochlear Implantation in a Patient With Newly Diagnosed Sickle/β+ Thalassemia. *Otology & Neurotology*, 2015; 36(9): 1463-6.
186. Leskowitz MJ, Caruana FF, Siedlecki B, Qian ZJ, Spitzer JB, **Lalwani AK**. Asymmetric Hearing Loss is Common and Benign in Patients 95 Years and Older. *Laryngoscope*, 2016; 126(7): 1630-2.
187. Stafford JA, Drusin RE, **Lalwani AK**. When is it Safe to Operate Following Myocardial Infarction? (TrioBP). *Laryngoscope*, 2016; 126(2): 299-301.
188. Shah RR, **Lalwani AK**. What Is The Optimal Perioperative Management of Antiplatelet Therapy? (TrioBP). *Laryngoscope*, 2016; 126(4): 783-785.
189. Watanabe H, Cardoso L, **Lalwani AK**, Kysar JW. A Dual Wedge Microneedle for Sampling of Perilymph Solution Via Round Window Membrane. *Biomedical Microdevices*, 2016; 18:24 (1-8).
190. Stevens JP, Watanabe H, Kysar JW, **Lalwani AK**. Serrated Needle Design Facilitates Precise Round Window Membrane Perforation. *Journal of Biomedical Materials Research: Part A*, 2016; 104(7): 1633-7.
191. Kohlberg GD, Mancuso DM, Griffin BM, Spitzer JB, **Lalwani AK**. Impact of Noise Reduction Algorithm In Cochlear Implant Processing on Music Enjoyment. *Otology & Neurotology*, 2016; 37(5): 492-8.
192. Qian ZJ,* Wattamwar K,* Caruana FF, Otter J, Leskowitz MJ, Siedlecki B, Spitzer JB, **Lalwani AK**. Hearing Aid Use Is Associated With Better Mini-Mental State Exam

Performance. American Journal of Geriatric Psychiatry, 2016; 24(9): 694-702.

**Contributed equally to work.*

193. Kohlberg G, Gal Y, **Lalwani AK**. Development of a Low-Cost, Non-Invasive, Portable Visual Speech Recognition Program. Annals of Otology, Rhinology, and Laryngology, 2016; 125(9): 752-757.
194. Wazen JM, Stevens JP, Watanabe H, Kysar JW, **Lalwani AK**. Silver/Silver Chloride Microneedles Can Detect Penetration Through the Round Window Membrane. Journal of Biomedical Materials Research: Part B – Applied Biomaterials, 2017; 105(2):307-311.
195. Wattamwar K,* Qian ZJ,* Otter J, Leskowitz MJ, Caruana FF, Siedlecki B, Spitzer JB, **Lalwani AK**. Increases in the Rate of Age-Related Hearing Loss in the Older Old. JAMA Otolaryngology-Head and Neck Surgery, 2017; 143(1): 41-45. **Contributed equally to work.*
196. Nemer JS, Kohlberg GC, Mancuso DM, Griffin BM, Certo MV, Chen SY, Chun MB, Spitzer JB, **Lalwani AK**. Reduction of Harmonic Series Influences Musical Enjoyment with Cochlear Implant. Otology & Neurotology, 2017; 38(1): 31-37.
197. Chen SY, Mancuso DM, **Lalwani AK**. Skin Necrosis After Implantation With the BAHA Attract: A Case Report and Review of the Literature. Otology & Neurotology, 2017; 38(3): 364-367.
198. Shah RR, Suen JJ, Cellum EP, Spitzer JB, **Lalwani AK**. The Influence of Subway Station Design on Noise Levels. Laryngoscope, 2017; 127(5): 1169-1174.
199. Wolk RL, **Lalwani AK**, Pagano PP. Is Dexamethasone Effective In Preventing Nausea and Vomiting After Common Otolaryngology Procedures? (TrioBP). Laryngoscope, 2017; 127(7): 1493-1495.
200. Qian ZJ, Coffey AM, O'Toole KM, **Lalwani AK**. Management of Benign Middle Ear Tumors. Ear Nose Throat Journal, 2017; 96(10-11): 426-432.
201. Gürtler N, Röthlisberger B, Ludin K, Schlegel C, **Lalwani AK**. The Application of Next-Generation-Sequencing for Mutation-Detection in Autosomal-Dominant Hereditary Hearing Impairment. Otology & Neurotology, 2017; 38(6): 900-903.
202. Qian ZJ, Chang PD, Moonis G, **Lalwani AK**. A Novel Method of Quantifying Brain Atrophy Associated With Age-Related Hearing Loss. NeuroImage: Clinical, 2017; 16:205-209.
203. Zanutto D, Mamuyac EM, Chambers AR, Nemer JS, Stafford JA, Agrawal SK, **Lalwani AK**. Dizziness Handicap Inventory Score Is Highly Correlated with Markers of Gait Disturbance. Otology & Neurotology, 2017; 38(10): 1490-1499.

204. Spitzer JB, Cellum IP, Bosworth C, **Lalwani AK**. Multi-Year Longitudinal Study of Implant Electrode Impedance Stability. *Journal of Otolaryngology Current Trends*, 2017; *in press*.
205. Golub JS, Lin FR, Lustig LR, **Lalwani AK**. Prevalence of Adult Unilateral Hearing Loss and Hearing Aid Use in the United States. *Laryngoscope*, 2018; 128(7): 1681-1686.
206. Chen SY, Griffin BM, Mancuso D, Shiau S, DiMattia M, Cellum I, Harvey Boyd K, PrevotEAU C, Kohlberg GD, Spitzer JB, **Lalwani AK**. The Development and Validation of the Speech Quality Instrument. *Laryngoscope*, 2018; 128(7): 1622-1627.
207. Wattamwar K,* Qian ZJ,* Otter J, Leskowitz MJ, Caruana FF, Siedlecki B, Spitzer JB, **Lalwani AK**. Association of Cardiovascular Comorbidities With Hearing Loss in the Older Old. *JAMA Otolaryngology-Head and Neck Surgery*, 2018; 144(7): 623-629. **Contributed equally to work*.
208. Kohlberg GD, Demmer RT, **Lalwani AK**. Adolescent Obesity is an Independent Risk Factor for Sensorineural Hearing Loss: Results from the National Health and Nutrition Examination Survey 2005-2010. *Otology & Neurotology*, 2018; 39(9): 1102-1108.
209. Aksit A, Arteaga DN, Arriaga M, Wang X, Watanabe H, Kasza KE, **Lalwani AK***, Kysar JW.* *In-Vitro* Perforation of the Round Window Membrane Via Direct 3-D Printed Microneedles. *Biomedical Microdevices*, 2018; 20(2):47; doi: 10.1007/s10544-018-0287-3. **Co-Senior Authors*
210. Shah RR, Suen JJ, Cellum IP, Spitzer JB, **Lalwani AK**. The Effect of Brief Subway Station Noise Exposure on Commuter Hearing. *Laryngoscope Investigative Otolaryngology*, 2018; 3(6):486-491.
211. Santimetaneedol A, Wang Z, Arteaga DN, Aksit A, PrevotEAU C, Yu M, Chiang H, Fafalis D, **Lalwani AK**,⁺ Kysar JW⁺. Small Molecule Delivery Across a Perforated Artificial Membrane by Termoreversible Hydrogel Poloxamer 407. *Colloids and Surfaces B: Biointerfaces*, 2019 Oct 1;182:110300. *+Co-Senior Authors*
212. Stern Shavit S, **Lalwani AK**. Are Diuretics Useful in the Treatment of Meniere's Disease? (TrioBP) *Laryngoscope*, 2019; 129(10): 2206-2207.
213. Chiang H, Yu M, Aksit A, Wang W, Stern-Shavit S, Kysar JW,⁺ **Lalwani AK**⁺. 3D-printed Microneedles Create Precise Perforations in Human Round Window Membrane *in situ*. *Otology & Neurotology*, 2020; 41(2): 277-284. *+Co-Senior Authors*
214. Yu M, Arteaga AN, Aksit A, Chiang H, Olson PhD, Kysar JW,⁺ **Lalwani AK**⁺. Anatomical and Functional Consequences of Microneedle Perforation of Round Window Membrane. *Otology & Neurotology*, 2020; 41(2): e280-e287. *+Co-Senior Authors*
215. Hwa TP, Sturm JJ, Losengger T, Owen A, KuhlmeY M, Cellum I, **Lalwani A**, Lustig, Golub JS, Kim AH. Impact of Underlying Diagnosis on Speech and

- Quality Of Life Outcomes After Cochlear Implantation For Single-Sided Deafness. *Otology & Neurotology*, 2020; 41(4): e432-e440.
216. Tiase VL, Tang K, Vawdrey DK, Raso R, Adelman JS, Yu SP, Applebaum JR, **Lalwani AK**. Impact of Hearing Loss on Patient Falls in the Inpatient Setting. *American Journal of Preventive Medicine*, 2020; 58(6): 839-844.
217. Sturm JJ, Stern Shavit S, **Lalwani AK**. What is the Best Test for Diagnosis and Monitoring Treatment Response in Malignant Otitis Externa? (TrioBP) *Laryngoscope*, 2020; 130(11): 2516-2517.
218. Sharma RK, **Lalwani AK**, Golub JS. Prevalence and Severity Of Hearing Loss In The Older Old: A United States Population-Based Study. *JAMA Otolaryngology-Head & Neck Surgery*, 2020; 146(8): 762-763.
219. Stylianios S, Mesa-Jonassen AE, Albanese CT, Bacha EA, Stark N, Guida SJ, Goffman D, Saiman L, Kernie SG, **Lalwani AK**, Cassai M, Sun LS. The Perioperative Services Response at a Major Children's Hospital During the Peak of the COVID-19 Pandemic in New York City. *Annals of Surgery*, 2020; 272: e199-e203.
220. Singh Y, Prado A, Martelli D, Petros FE, Ai X, Mukherjee S, **Lalwani AK**, Vashista V, Agrawal SK. Dual-Motor-Task of Catching and Throwing a Ball During Overground Walking in Virtual Reality. *IEEE Transactions on Neural Systems and Rehabilitation Engineering*, 2020; 28(7): 1661-1667.
221. Osoba MY, Martelli D, Prado De La Mora A, Agrawal SK,⁺ **Lalwani AK**.⁺ Age-Related Differences in Gait Adaptations During Overground Walking With and Without Visual Perturbations Using a Virtual Reality Headset. *Nature Scientific Reports*, 2020; 10(1): 15376. ⁺*Co-Senior Authors*
222. Chern A, Famuyide AO, Moonis G, **Lalwani AK**. Sialadenitis: A Possible Early Manifestation of COVID-19. *Laryngoscope*, 2020; 130(11): 2595-2597.
223. Chern A, Famuyide AO, Moonis G, **Lalwani AK**. Bilateral Sudden Sensorineural Hearing Loss and Intralabyrinthine Hemorrhage in a Patient With COVID-19. *Otology & Neurotology*, 2021; 42:e10-e14.
224. Aksit A, Rastogi S, Nadal ML, Parker AM, **Lalwani AK**,⁺ West AC,⁺ Kysar JW⁺. Drug Delivery Device for the Inner Ear: Ultra-sharp Fully Metallic Microneedles. *Drug Delivery and Translational Research*, 2021; 11:214-226. ⁺*Co-Senior Authors*
225. Knisely A, Zhou ZN, Wu J, Huang Y, Holcomb K, Melamed A, Advincula AP, **Lalwani A**, Khoury-Collado F, Tergas AI, St. Clair CM, Hou JY, Hershman DL, D'Alton ME, Huang YY, and Wright JD. Perioperative Morbidity and Mortality of Patients with COVID-19 who Undergo Urgent and Emergent Surgical Procedures. *Annals of Surgery*, 2021; 273(1):34-40.

226. Axiotakis LG Jr, Youngerman BE, Casals RK, Cooke TS, Winston GM, Chang CL, Boyett DM, **Lalwani AK**,⁺ McKhann GM.⁺ Risk of Acquiring Perioperative COVID-19 During the Initial Pandemic Peak: A Retrospective Cohort Study. *Annals of Surgery*, 2021; 273(1): 41-48. ⁺*Co-Senior Authors*
227. Axiotakis LG Jr, Boyett DM, Youngerman BE, McKhann GM,⁺**Lalwani AK**.⁺ SARS-CoV-2 Transmission Rate is Low When Following a COVID+ Patient In the Operating Room. *Langenbeck's Archives of Surgery*, 2021; 406(2): 401-404. ⁺*Co-Senior Authors*
228. Pandian V, Brodsky MB, Brigham EP, Parker AM, Hillel AT, Levy JM, Rassekh CH, **Lalwani AK**, Needham DM, Brenner MJ. COVID-19 Survivorship: Otolaryngologist-Head and Neck Surgeons Can Restore Quality of Life After Critical Illness. *American Journal of Otolaryngology-Head and Neck Medicine and Surgery*, 2021; 42(3): 102917.
229. Sturm JJ, Vicario-Quiñones F, Stern Shavit S, **Lalwani AK**. Is Unilateral Cochlear Implantation Cost-Effective for the Treatment of Bilateral Sensorineural Hearing Loss (TrioBP) *Laryngoscope*, 2021; 131(3): 460-461.
230. Sturm JJ, Stern Shavit S, Vicario-Quiñones F, **Lalwani AK**. Is Bilateral Cochlear Implantation Cost-Effective Compared to Unilateral Cochlear Implantation? (TrioBP) *Laryngoscope*, 2021; 131(5): 947-949.
231. Aksit A, **Lalwani AK**,⁺ Kysar JW,⁺ West AC.⁺ Simulation Assisted Design For Microneedle Manufacturing: Computational Modeling Of Two-Photon Templated Electrodeposition. *Journal of Manufacturing Processes*, 2021; 66: 211-219. ⁺*Co-Senior Authors*
232. Szeto B,^{*} Zanutto D,^{*} Lopez EM, Stafford JA, Nemer JS, Chambers AR, Agrawal SK,⁺ **Lalwani AK**.⁺ Hearing Loss is Associated with Increased Variability in Double Support Period in the Elderly. *Sensors*, 2021; 21(1): 278. <https://doi.org/10.3390/s21010278>
^{*}*Co-first authors*; ⁺*Co-Senior Authors*
233. Szeto B, Valentini C, **Lalwani AK**. Low Vitamin D Status is Associated with Hearing Loss in the Elderly: a cross-sectional study. *The American Journal of Clinical Nutrition*, 2020; 113(2): 456-466.
234. Sharma RK, **Lalwani AK**, Golub JS. Modeling Hearing Loss Progression and Asymmetry in the Older Old: A National Population-Based Study. *Laryngoscope*, 2021; 131(4): 879-884.
235. Szeto B, Valentini C, Aksit A, Werth EG, Goeta S, Tang C, Brown LM,⁺ Olson ES,⁺ Kysar JW,⁺ **Lalwani AK**.⁺ The Impact Of Systemic Versus Intratympanic Dexamethasone Administration On The Perilymph Proteome. *Journal of Proteome Research*, 2021; 20(8): 4000-4009. ⁺*Co-Senior Authors*

236. Hwa TP, Husain Q, Brant JA, **Lalwani AK**. Jugular Bulb Anomalies Involving the Internal Auditory Canal: A Case Series. *Annals of Otology, Rhinology & Laryngology*, 2021; 130(8): 970-975.
237. Valentini C, Ryu YJ, Szeto B, Yu M, **Lalwani AK**,⁺ Kysar J.⁺ A Novel 3D-Printed Head Holder for Guinea Pig Ear Surgery. *Otology & Neurotology*, 2021; 42(9): e1197-e1202.
⁺*Co-Senior Authors*
238. Hwa, TP, Tian LL, Caruana F, Chun M, Mancuso S, Cellum, IP, **Lalwani, AK**. Novel Web-Based Music Re-Engineering Software for Enhancement of Music Enjoyment Among Cochlear Implantees. *Otology & Neurotology*, 2021; 42(9): 1347-1354.
239. Szeto B, Aksit A, Valentini C, Yu M, Werth EG, Goeta S, Tang C, Brown LM,⁺ Olson ES,⁺ Kysar JW,⁺ **Lalwani AK**.⁺ Novel 3D-Printed Hollow Microneedles Facilitate Safe, Reliable, and Informative Sampling of Perilymph from Guinea Pigs. *Hearing Research*, 2021; 400:108141. doi: 10.1016/j.heares.2020.108141. ⁺*Co-Senior Authors*
240. Chern A, Golub JS, **Lalwani AK**. Do Hearing Aids Prevent Cognitive Decline? *Laryngoscope*, 2021; 131(10): 2166-2168.
241. Moonis G, Mitchell R, Szeto B, **Lalwani AK**. Radiologic Assessment Of The Sinonasal Tract, Nasopharynx And Mastoid Cavity In Patients With SARS-Cov-2 Infection Presenting With Acute Neurological Symptoms. *Annals of Otology, Rhinology & Laryngology*, 2021; 130(11): 1228-1235.
242. Holmes S, **Lalwani AK**, Mankekar G. Is Betahistine effective in the treatment of Meniere's Disease? *Laryngoscope*, 2021; 131(12): 2639-2640.
243. Sharma RK, Chern A, Begasse de Dhaem O, Golub JS,⁺ **Lalwani AK**.⁺ Chronic Obstructive Pulmonary Disease is a Risk Factor for Sensorineural Hearing Loss: A US Population Study. *Otology & Neurotology*, 2021; 42(10): 1467-1475. ⁺*Co-Senior Authors*
244. Arriaga M, Arteaga DN, Fafalis D, Yu M, Wang X, Kasza KE,⁺ **Lalwani AK**,⁺ Kysar JW.⁺ Membrane Curvature and Connective Fiber Alignment in Guinea Pig Round Window Membrane. *Acta Biomaterialia*, 2021; 136: 343-362. doi: 10.1016/j.actbio.2021.09.036.
⁺*Co-Senior Authors*
245. Bermperidis T, Rai R, Ryu J, Zanutto D, Agrawal SK, **Lalwani AK**, Torres EB. Optimal Time Lags from Causal Prediction Model Help Stratify and Forecast Nervous System Pathology. *Scientific Reports*, 2021; 11: 20904. doi: 10.1038/s41598-021-00156-2.
246. Matiz LA, Leong S, Peretz PJ, Kuhlmeier M, Bernstein S, Oliver MA, Medina K, **Lalwani AK**. Integrating Community Health Workers into a Community Hearing Collaborative to Understand the Social Determinants of Health in Children with Hearing Loss. *Disability and Health Journal*, 2022; 15(1): 101181. doi: 10.1016/j.dhjo.2021.101181.
247. Teh BM, **Lalwani AK**. Does Stereotactic Radiosurgery Worsen Vestibular Symptoms in Patients with Vestibular Schwannoma? *Laryngoscope*, 2022; 132(3): 497-498.

248. Holmes S, **Lalwani AK**, Mankekar G. Is Cochlear Implantation Effective for Auditory Rehabilitation Following Vestibular Schwannoma Treatment? *Laryngoscope*, 2022; 132(6): 1140-1141.
249. Becks A, Teh BM, **Lalwani AK**. When Should a Retained Tympanostomy Tube Be Removed? *Laryngoscope*, 2022; 132(8): 1505-1507.
250. Chern A, Denham MW, Leiderman AS, Sharma RK, Ucci AJ, Jones JM, Mancuso D, Cellum IP, Galatioto JA, **Lalwani AK**. Hearing Aids Enhance Music Enjoyment in Individuals with Hearing Loss. *Otology & Neurotology*, 2022; 43(8): 874-881.
251. Leong S, Teh BM, Del Portillo A, **Lalwani AK**. Histopathology of Labyrinthitis Ossificans From an Intralabyrinthine Surgical Specimen. *Otology & Neurotology*, 2022; 43(8): 889-893.
252. Zhou C, Aksit A, Szeto B, Li RL, **Lalwani AK**, Kysar JW. Pyrolyzed Ultra-Sharp Glassy Carbon Microneedle. *Advanced Engineering Materials*, 2022; 24(11): 2201222 (pp 1-12). {<https://doi.org/10.1002/adem.202201222>} (*article chosen for cover art*)
253. Leong S, Feng SJ, Aksit A, Olson ES,⁺ Kysar JW,⁺ **Lalwani AK**.⁺ Microneedles Facilitate Small Volume Intracochlear Delivery Without Physiologic Injury in Guinea Pigs. *Otology & Neurotology*, 2023; 44(5): 513-519. ⁺*Co-Senior Authors*
254. Leong S, Teh BM, Duong T, Hu D, Chui A, Chen JS, Sisti MB, Wang TJC, Zanutto, **Lalwani AK**. Instrumented Insoles for Assessment of Gait in Vestibular Schwannoma Patients. *Wearable Technologies*, 2023; 4, e14. <https://doi.org/10.1017/wtc.2023.11>
255. Leong S, Aksit A, Szeto B, Feng SJ, Ji X, Soni RK, Olson ES, Kysar JW,⁺ **Lalwani AK**.⁺ Anatomic, Physiologic, and Proteomic Consequences of Repeated Microneedle-Mediated Perforations of the Round Window Membrane. *Hearing Research*, 2023; 432: 108739. doi: 10.1016/j.heares.2023.108739. ⁺*Co-Senior Authors*
256. Sharma RK, Chern A, Golub JS, **Lalwani AK**. Subclinical Hearing Loss and Educational Performance in Children: A National Study. *Frontiers in Audiology and Otology*, 2023; 1:1214188. doi: 10.3389/fauot.2023.1214188
257. Chern A, Denham MW, Leiderman AS, Sharma RK, Su IW, Ucci AJ, Jones JM, Mancuso D, Cellum IP, Galatioto JA, **Lalwani AK**. The Association of Hearing Loss with Active Music Enjoyment in Hearing Aid Users. *Otolaryngology-Head and Neck Surgery*, 2023; 169(6): 1590-1596.
258. Feng SJ, Voruz F, Yu M, **Lalwani AK**. COVID-10 and Hearing Loss — A Narrative Review. *Frontiers in Audiology and Otology*, 2023; <https://doi.org/10.3389/fauot.2023.1233793>.

259. Alter IL, Hamiter M, **Lalwani AK**. Is Hyperbaric Oxygen Effective in the Treatment of Sudden Sensorineural Hearing Loss. *Laryngoscope*, 2024; 134(2): 504-506. doi: 10.1002/lary.31002.
260. Feng SJ, Leong S, Aksit A, Hébert D, Olson ES, Kysar JW, **Lalwani AK**. Physiologic Effects of Microneedle-Mediated Intracochlear Dexamethasone Injection in the Guinea Pig. *Laryngoscope*, 2024; 134(1): 388-392.
261. Leong S, Medina K, Peretz PJ, Olmeda-Jenkins MI, Oliver MA, Kuhlmeier M, Bernstein SA, Ferrer F, Matiz LA, **Lalwani AK**. Community Health Worker Intervention for Newborns Not Passing Initial Universal Hearing Screening. *Annals of Otology, Rhinology, and Laryngology*, 2024; 133(2): 129-135. doi: 10.1177/00034894231191314.
262. Kelly SM, Kim AH, **Lalwani AK**. Does Intraoperative Electrocochleography Improve Hearing Preservation in Cochlear Implantation. *Laryngoscope*, 2024; 134(4): 1496-1497. doi: 10.1002/lary.31165.
263. **Lalwani AK**, Chun M, Hwa TP, Chern A, Tian L, Chen SY, Stewart MG, Mancuso D, Cellum IP. Examining the Psychometric Properties of the Columbia Speech Quality Instrument in Cochlear Implant User. *Frontiers in Audiology and Otology*, 2024; 2:1362810; pp: 1-8. doi: 10.3389/fauot.2024.1362810.
264. Feng SJ, Voruz F, Leong S, Hébert DR, Breil E, Aksit A, Yu M, Chiriboga L, Olson ES, Kysar JW, **Lalwani AK**. Microneedle-Mediated Delivery of siRNA via Liposomal Based Transfection for Inner Ear Gene Therapy. *Otology & Neurotology*, 2024, 45(9): 1068-1077. doi: 10.1097/MAO.0000000000004297.
265. Di Stadio A, Ralli M, Kaski D, Koohi N, Gioacchini FM, Kysar J, **Lalwani AK**, Warnecke A, Bernitsas E. Exploring Inner Ear and Brain Connectivity Through Perilymph Sampling for Early Detection of Neurological Diseases: A Provocative Proposal. *Brain Sciences*, 2024, 14(6): 621. doi: 10.3390/brainsci14060621.
266. Ahmed I, Yu M, Chaves V, Xu R, Lavalley A, Warmingham JM, Firestein M, Kyle MH, Fisher K, Merriman ET, Rodriguez C, Mace W, Fernandez C, Dumitriu D, **Lalwani AK**. Risk of Hearing Loss in Neonates and Toddlers with in Utero Exposure to SARS-CoV-2. *Laryngoscope*, 2025; 135: 385-392. PMID: 39230195 DOI: 10.1002/lary.31739
267. Slaterry WH 3rd, Andalibi A, Angeli S, Babu S, Bolt K, Britt W, Buckey JC Jr, Butman J, Chandrasekhar S, Fernandez K, Haynes D, Hertzano R, Hirose K, Hoa M, Hodge S, Howard M, **Lalwani A**, Liotta L, Luchini A, de Oliveira Penido N, Parham K, Plontke S, Quesnel A, Rauch SD, Saunders J, Schlingensiepen R, Schwartz S, Stewart DR, Vambutas A, Westerberg B, Andresen N. Hearing Science Accelerator: Sudden Sensorineural Hearing Loss—Executive Summary of Research Initiatives. *Otology & Neurotology*, 2024; 45(10): e670-e678. PMID: 39473327. doi: 10.1097/MAO.0000000000004341.
268. Kelly S, Kuhlmeier ME, Despotidis MA, Alter IL, Hwa TP, Chern A, **Lalwani AK**. Speech Quality Perception in Unilateral Cochlear Implant Users with Single-Sided Deafness.

- Otolaryngology-Head and Neck Surgery, 2024; 172(1): 224-232. PMID: 39118494. doi: 10.1002/ohn.941.
269. Matari NH, Mingomataj E, Famuyide AO, Nguyen P, **Lalwani AK**, Garcon E. Pöschl reformations created from high-resolution non-contrast enhanced CT head exams can be used to detect and classify superior semicircular canal abnormalities. *Otology & Neurotology*, 2025; 46(2): 176-182. PMID: 39792981. doi: 10.1097/MAO.0000000000004395.
270. Zhou C, Feng SJ, Leong S, Breil E, Voruz F, Valentini C, Hammer DR, Aksit A, Olson ES, Guo J, Kysar JW, **Lalwani AK**. Contrast Enhancement of Cochlea After Direct Microneedle Intracochlear Injection of Gadodiamide Through the Round Window Membrane With Minimum Dosage. *Academic Radiology*, 2025; 32(4): 2152-2162. PMID: 39500641. doi: 10.1016/j.acra.2024.10.022.
271. Handal K, Koehnke J, McInerney M, Besing J, **Lalwani AK**. The Effect of Ear Covering on Sound Localization and Speech Intelligibility in Operating Room. *Laryngoscope*, 2025; 135(5): 1788-1794. PMID: 39692327 doi: 10.1002/lary.31953
272. Rubenstein J, Alter IL, **Lalwani AK**. What is the Optimal Timing for Elective Otolaryngologic Surgery After Stroke? *Laryngoscope*, 2025; 135(6): 1858-1860. PMID: 39868649. doi: 10.1002/lary.32029.
273. Shah RN, Alter IL, **Lalwani AK**. Is There Benefit of Music Training Following Cochlear Implantation. *Laryngoscope*, 2025; 135(7): 2228-2230. PMID: 39963706. doi: 10.1002/lary.32071.
274. Alter IL, Chern A, Kuhlmeier ME, Despotidis, MA, Kelly S, Denham MW, Leiderman AS, **Lalwani AK**. Emotional Responses to Music Are Diminished in Bilateral Cochlear Implant Users. *Audiology and Neurotology*, 2025; 21: 1-11. PMID: 40122024. doi: 10.1159/000543299.
275. Alter IL, Chern A, Denham MW, Leiderman A, Galatioto J, Jones J, Ucci AJ, Mancuso D, **Lalwani AK**. Longitudinal assessment of music enjoyment in hearing aid users based on music listening preferences. *Otolaryngology-Head and Neck Surgery*, 2025; 173(1): 80-87. PMID: 40152074. doi: 10.1002/ohn.1242.
276. Voruz F, Feng SJ, Breil E, Yu M, Hammer DR, Aksit A, Zandkarimi F, Olson ES, Kysar JW, **Lalwani AK**. Microneedle-mediated intracochlear injection safely achieves higher perilymphatic dexamethasone concentration than intratympanic delivery in guinea pig. *Drug Delivery and Translational Research*, 2025, *in press*. PMID: 40009130. doi: 10.1007/s13346-025-01821-z.
277. Hammer DR, Voruz F, Aksit A, Breil E, Rousset F, Senn P, Ilmjärv S, Olson ES, Lalwani AK, Kysar JW. Novel dual-lumen microneedle delivers adeno-associated viral vectors in the guinea pig inner ear via the round window membrane. *Biomedical Microdevices*, 2025, *in press*. PMID: 40493265. doi: 10.1007/s10544-025-00751-4.

278. Alter IL, Hamiter M, Han J, Leu CS, Usseglio J, **Lalwani AK**. Hyperbaric Oxygen and Sudden Sensorineural Hearing Loss: A Systematic Review and Meta Analysis. *Laryngoscope*, 2025, *in press*. PMID: 40747804. doi: 10.1002/lary.32472.
279. Alter IL, Chern A, Kuhlmei ME, Despotidis MA, Kelly S, Denham MW, Leiderman AS, **Lalwani AK**. Bimodal Fitting Benefits Emotional Responses to Music Following Unilateral Cochlear Implantation. *International Journal of Audiology*, 2025; 20:1-10. PMID: 40834098. doi: 10.1080/14992027.2025.2547025.
280. Vas RK, Chari DA, **Lalwani AK**. Do Children With Cochlear Nerve Deficiency Benefit From Cochlear Implantation? *Laryngoscope*, 2025; *in press*. PMID: 40679185. doi: 10.1002/lary.32420.
281. Vegesna NV, Alter IL, Chern A, Shah RN, Rubenstein JA, Despotidis MA, Kuhlmei ME, **Lalwani AK**. Music Enjoyment and Engagement in Hearing Aid Users with Perfect Pitch. *Journal of the American Academy of Audiology*, 2025, *in press*.
282. Matari NH, **Lalwani AK**, Mingomataj E, Nguyen P, Bloch BN, Famuyide A, Garcon E. Superior Semicircular Canal Abnormalities are More Common in Patients Presenting to the Emergency Room with Unexplained Vertigo. *Clinical Imaging*, 2025; *in press*.
283. Jung C, Wong V, Shah KV, Kaufman H, **Lalwani AK**, Bigelow DC, Ruckenstein MJ, Hwa TP. Impact of Stimulus Delivery Method on Music Enjoyment in Cochlear Implant Users. *Otology & Neurotology*, 2025; *in press*.
284. Alter IL, Chern A, Kuhlmei ME, Despotidis AM, Kelly S, Hwa T, Leiderman AS, **Lalwani AK**. Cochlear Implants Impair Emotional Responses to Music in Individuals with Single-Sided Deafness. *Otology & Neurotology*, 2025; *in press*.
285. Alter IL, Chern A, Kuhlmei ME, Despotidis MA, Kelly S, Hwa T, **Lalwani AK**. Music Enjoyment and Listening Time in Cochlear Implant Recipients: The Role of Audiometric Performance. *Otolaryngology-Head and Neck Surgery*, 2025; *in press*.

PUBLICATIONS: Nonrefereed Articles

1. **Lalwani AK**. Meningiomas, Epidermoids, and Other Non-Acoustic Tumors of the Cerebellopontine Angle. *Otolaryngologic Clinics of North America*, 1992; 25(3): 707-728.
2. Jackler RK, **Lalwani AK**. Preoperative Differentiation Between Acoustic Neuroma and Meningioma of the Cerebellopontine Angle. In Tos M, Thomsen J (editor), *Proceedings of The First International Conference on Acoustic Neuroma*, Copenhagen, Denmark, August 25 - 29, 1991, Kugler Publications, Amsterdam, The Netherlands, pp 939 - 944, 1992.
3. **Lalwani AK**, Sooy CD. Otologic and Neurotologic Manifestations of Acquired Immunodeficiency Syndrome. *Otolaryngologic Clinics of North America*, 1992; 25(6): 1183-1198.

4. Mhatre AN, **Lalwani AK**. Genetics of Deafness. *Otolaryngology Clinics of North America*, 1996; 29(3): 421-435.
5. Han JJ, Mhatre AN, **Lalwani AK**. Gene Therapy For Hearing Disorders. *Journal of Audiological Medicine*, 1997; 6(2): 105-115.
6. **Lalwani AK**, Han JJ, Carvalho GJ, Mhatre AN. The Promise of Gene Therapy in Otolaryngology—Head and Neck Surgery. *Current Opinion in Otolaryngology & Head and Neck Surgery*, 1997; 5(3):197-202.
7. Lustig LR, **Lalwani AK**. History of Meniere's Disease. *Otolaryngology Clinics of North America*, 1997; 30(6): 917-945.
8. **Lalwani AK**, Carvalho GJ, Han JJ, Mhatre AN. Gene Therapy for Hearing Disorders. In: *Developments in Genetic Hearing Impairment*. Editors: Stephans D, Read A, Martini A. Whurr Publishers, London, England, 1998, pp 1-6.
9. Wareing MJ, **Lalwani AK**. Cochlear Gene Therapy: Current Perspectives. *International Journal of Pediatric Otorhinolaryngology*, 1999; 49 Suppl 1: S27-30.
10. **Lalwani AK**, Castelein CM. Cracking the Auditory Genetic Code: Nonsyndromic Hereditary Hearing Impairment. *American Journal of Otology*, 1999; 20(1): 115-132.
11. Pfister MHF, **Lalwani AK**. DFN4: Nonsyndromic Dominant X-linked Sensorineural Hearing Impairment (*In Kitamura K, Steel KP (eds) Genetics in Otorhinolaryngology*). *Advances in Oto-Rhino-Laryngology* 2000; 56: 196-199.
12. Wilcox ER, Everett LA, Li XC, **Lalwani AK**, Green ED. The PDS Gene, Pendred Syndrome, and Nonsyndromic Deafness (*In Kitamura K, Steel KP (eds) Genetics in Otorhinolaryngology*). *Advances in Oto-Rhino-Laryngology* 2000; 56: 145-51.
13. **Lalwani AK**, Mhatre AN. Cochlear Gene Therapy (*In Kitamura K, Steel KP (eds) Genetics in Otorhinolaryngology*). *Advances in Oto-Rhino-Laryngology* 2000; 56: 275-278.
14. Tseng, CJ, **Lalwani AK**. Cracking the Auditory Genetic Code: Syndromic Hereditary Hearing Impairment. *American Journal of Otology*, 2000; 23(1): 437-451.
15. Hegarty JL, **Lalwani AK**. Paragangliomas of the Head and Neck: Implications of Molecular Genetics in Clinical Medicine. *Current Opinion in Otolaryngology*, 2000; 8(5): 384-390.
16. **Lalwani AK**, Jero J, Mhatre AN. Developments in Cochlear Gene Transfer (*In Cremers CWRJ and Smith RJH (eds) Clinical Presentation of Genetic Hearing Impairment*). *Advances in Oto-Rhino-Laryngology* 2002; 61: 28-33.

17. **Lalwani AK**, Goldstein JA, Mhatre AN. Auditory Phenotype of DFNA17 (*In Cremers CWRJ and Smith RJH (eds) Clinical Presentation of Genetic Hearing Impairment*). *Advances in Oto-Rhino-Laryngology* 2002; 61: 107-112.
18. Leon P, **Lalwani AK**. Auditory Phenotype of DFNA1 (*In Cremers CWRJ and Smith RJH (eds) Clinical Presentation of Genetic Hearing Impairment*). *Advances in Oto-Rhino-Laryngology* 2002; 61: 34-40.
19. Pfister MHF, **Lalwani AK**. Clinical Phenotype of DFN2, DFN4 and DFN6 (*In Cremers CWRJ and Smith RJH (eds) Clinical Presentation of Genetic Hearing Impairment*). *Advances in Oto-Rhino-Laryngology* 2002; 61: 168-71.
20. Gürtler N, **Lalwani AK**. Etiology of Syndromic and Nonsyndromic Sensorineural Hearing Loss. *Otolaryngologic Clinics of North America* 2002; 35(4): 891-908.
21. Pfister MHF, **Lalwani AK**. X-linked hereditary hearing impairment. *Audiological Medicine* 2003; 1: 29-32.
22. **Lalwani AK**, Mhatre AN. Cochlear Gene Therapy. *Ear and Hearing* 2003; 24(4):342-8.
23. Marrinan MS, **Lalwani AK**. Hearing Risks, The Early Years. *Hearing Health* 2003; 19(2):18-22.
24. Patel NP, Mhatre AN, **Lalwani AK**. Molecular Pathogenesis of Skull Base Tumors. *Otology & Neurotology* 2004; 25(4): 636-643.
25. Patel NP, Mhatre AN, **Lalwani AK**. Biological Therapy for the Inner Ear. *Expert Opinion on Biological Therapy* 2004; 4(11): 1811-9.
26. **Lalwani AK**. From JAMA: Endolymphatic Sac Tumors in von Hippel-Lindau Disease. *Archives of Otolaryngology-Head and Neck Surgery* 2007; 133(9): 857.
27. Coelho DH, **Lalwani AK**. Medical Management of Ménière's Disease. *Laryngoscope*, 2008; 118(6): 1099-108.
28. Kesser BW, **Lalwani AK**. Gene Therapy and Stem Cell Transplantation: Strategies for Hearing Restoration. *Advances in Oto-Rhino-Laryngology* 2009; 66: 64-86.
29. Zeitler DM, **Lalwani AK**. Are Postoperative Hearing Results Better With Titanium Ossicular Reconstruction Prosthesis? *Laryngoscope* 2010; 120(1): 2-3.
30. Cosetti MK, **Lalwani AK**. Cochlear Implants: An Update. *Otorinolaringologia* 2010; 60: 101-14.
31. Friedmann DR, **Lalwani AK**. Genetic Basis of Conditions Commonly Seen in ORL Practice (*In Alford RL and Sutton VR (eds) Medical Genetics in the Clinical Practice of ORL*). *Advances in Oto-Rhino-Laryngology* 2011; 70: 1-9.

32. Anwar AA, Spitzer JB, **Lalwani AK**. Managing Hearing Loss: Not Only for the Young. Cochlear Implantation in the Elderly. Hearing Health Summer 2012; 28(3): 16-19.
33. Kelly KM, **Lalwani AK**. On the Distant Horizon —Medical Therapy for Sensorineural Hearing Loss. Otolaryngology Clinics of North America 2015; 48(6): 1149-65.
34. PrevotEAU C, Chen SY, **Lalwani AK**. Music Enjoyment with Cochlear Implantation. Auris Nasus Larynx 2018; 45(5): 895-902.
35. Osoba MY, Rao AK, Agrawal SK, **Lalwani AK**. Balance and Gait In the Elderly: A Contemporary Review. Laryngoscope Investigative Otolaryngology, 2019; 4(1):143-153.
36. Szeto B, Chiang H, Valentini C, Yu M, Kysar JW, **Lalwani AK**. Inner Ear Delivery: Challenges and Opportunities. Laryngoscope Investigative Otolaryngology, 2019; 5(1):122-131.
37. Valentini C, Szeto B, Kysar JW, **Lalwani AK**. Inner Ear Gene Delivery: Vectors and Routes. Hearing, Balance and Communication, 2020; 18(4):278-285.
38. Leong S, Aksit A, Feng SJ, Kysar JW, **Lalwani AK**. Inner Ear Diagnostics and Drug Delivery Via Microneedles. Journal of Clinical Medicine, 2022; 11, 5474.
<https://doi.org/10.3390/jcm11185474>
39. Alter IL, Chern A, Denham MW, **Lalwani AK**. Improving Music Appreciation and Enjoyment in Hearing Aid Users. The Hearing Journal, 2024; 77(1):12,13,15.
DOI: 10.1097/01.HJ.0000998244.23493.0c Cover Article

PUBLICATIONS: Invited Editorial

1. **Lalwani AK**. Progress in Congenital Hearing Loss. American Journal of Otology, 1999; 20(1): 1-2.
2. **Lalwani AK**. Cochlear Implant Today...Pill Tomorrow. JAMA Otolaryngology-Head & Neck Surgery, 2020; 146(10): 954-955.

BOOK CHAPTERS

1. **Lalwani AK**. Vertigo, Dysequilibrium, and Imbalance with Aging (Chapter 30). In Jackler RK and Brackmann DE, ed. Neurotology. Mosby-Year Book, Inc., St. Louis, MO, 1994, pp 527-533.
2. **Lalwani AK**. Temporal Bone Encephalocele (Chapter 63). In Jackler RK and Brackmann DE, ed. Neurotology. Mosby-Year Book, Inc., St. Louis, MO, 1994, pp 1149-1155.

3. **Lalwani AK**, Jackler RK. Ear (Chapter 24). In Lonergan ET, ed. *Geriatrics, An Appleton Lange Clinical Manual*. Appleton & Lange, Stamford, CT, 1996, pp 380-391.
4. Reilly PG, **Lalwani AK**, Yingling CY. Intraoperative Cranial Nerve Monitoring (Chapter 15). In House WF, Luetje CM, and Doyle KJ (eds.), *Acoustic Tumors: Diagnosis and Management*. Singular Publishing Group, Inc., San Diego, CA, 1997, pp 241-249.
5. **Lalwani AK**, Lynch E, Mhatre AN. Molecular Genetics: A Brief Overview (Chapter 5). In **Lalwani AK** and Grundfast KM (eds), *Pediatric Otology and Neurotology*. J. B. Lippincott Co., Philadelphia, PA, 1998, pp 49-86.
6. Reilly PG, **Lalwani AK**, Jackler RK. Congenital Anomalies of the Inner Ear (Chapter 13). In **Lalwani AK** and Grundfast KM (eds), *Pediatric Otology and Neurotology*. J. B. Lippincott Co., Philadelphia, PA, 1998, 201-210.
7. Kingdom TT, **Lalwani AK**, Cheung SW. Skull Base Abnormalities (Chapter 14). In **Lalwani AK** and Grundfast KM (eds), *Pediatric Otology and Neurotology*. J. B. Lippincott Co., Philadelphia, PA, 1998, pp 211-30.
8. Blevins N, **Lalwani AK**. Acute Mastoiditis (Chapter 18). In **Lalwani AK** and Grundfast KM (eds), *Pediatric Otology and Neurotology*. J. B. Lippincott Co., Philadelphia, PA, 1998, pp 265-275.
9. Kheterpal U, **Lalwani AK**. Nonsyndromic Hereditary Hearing Impairment (Chapter 21). In **Lalwani AK** and Grundfast KM (eds), *Pediatric Otology and Neurotology*. J. B. Lippincott Co., Philadelphia, PA, 1998, pp 313-340.
10. Wareing MJ, **Lalwani AK**, Jackler RK. Development of the Ear (Chapter 5). In Bailey B (ed), *Otolaryngology—Head & Neck Surgery*, 2nd Edition, Lippincott-Raven Publishers, Philadelphia, PA, 1998, 53-64.
11. **Lalwani AK**, Goldstein JA, Mhatre AN. Adeno-Associated Virus Mediated Gene Transfer in the Peripheral Auditory System. In Lim DJ (ed) *Cell and Molecular Biology of the Ear*, Kluwer Academic/Plenum Publishers, New York, NY, 2000, 225-237.
12. Coatesworth A, **Lalwani AK**. Neurofibromatosis 2 (Chapter 24). In Jackler RK and Driscoll CLW (eds.) *Tumors of the Temporal Bone*, Lippincott, Williams & Wilkins, Philadelphia, PA, 2000, pp 405-416.
13. Friedman TB, Probst FJ, Wilcox ER, Hinnant JT, Liang Y, Wang A, Barber TD, **Lalwani AK**, Anderson DW, Arhya IN, Winata S, Moeljabowiro S, Asher JH Jr, Dolan D, Raphael Y, Fridell RA, Camper SA. The myosin-15 molecular motor is necessary for hearing in humans and mice: a review of DFNB3 and *shaker-2*. In Berlin C & Keats BJB (eds.), *Genetics and Hearing Loss*, Singular Publishing Group, San Diego, CA 2000.
14. **Lalwani AK**, Snow JB Jr. Disorders of Smell, Taste, and Hearing. In Braunwald E, Fauci AS, Kasper DL, Hauser SL, Longo DL, Jameson JL (eds.) *Harrison's Principles of Internal Medicine*, 15th Edition, McGraw Hill, New York, NY, 2001, pp 178-187.

15. Johnson J, **Lalwani AK**. Meniere's Disease, Vestibular Neuronitis, Paroxysmal Positional Vertigo and Nystagmus and Cerebellopontine Angle Tumors (Chapter 20). In Snow JB Jr and Ballenger JJ (eds) Ballenger's Otorhinolaryngology Head and Neck Surgery, 16th Edition, BC Decker, Hamilton, Ontario, Canada, 2003, pp. 408-442.
16. **Lalwani AK**. Excision of Less Extensive Glomus Tumors (Chapter 156). In Bailey BJ (ed.) Atlas of Head & Neck Surgery—Otolaryngology, 2nd Edition, Lippincott, Williams & Wilkins, Philadelphia, PA, 2001, pp. 422-423.
17. Pfister M, **Lalwani AK**. Genetics of Hearing Impairment. In press, in De La Cruz A and Arriaga MA (eds) Essential of Otology and Neuro-otology, W. B. Saunders, Philadelphia, PA, 2002.
18. **Lalwani AK**, Mhatre AN. Genetics in Otology and Neurotology. In Glasscock ME III and Gulya AJ (eds) Glasscock-Shambaugh Surgery of the Ear, 5th Edition, B. C. Decker Inc., Hamilton, Ontario, Canada, 2003, pp 121-135.
19. **Lalwani AK**, Mhatre AN. MYH9. In Willems P (ed.) Genetic Hearing Loss, Marcel Dekker, Inc., New York, NY, 2003, pp. 167-178.
20. **Lalwani AK**. Glomus Tumor. In Florian Lang (ed) Encyclopedic Reference of Molecular Mechanisms of Disease. In press.
21. **Lalwani AK**, Snow JB Jr. Disorders of Smell, Taste, and Hearing (Chapter 26). In Kasper DL, Braunwald E, Fauci AS, Hauser SL, Longo DL, Jameson JL (eds.) Harrison's Principles of Internal Medicine, 16th Edition, McGraw Hill, New York, NY, 2005, 176-185.
22. **Lalwani AK**, Mafong DD. Olfactory Dysfunction (Chapter 8). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, McGraw Hill, New York, NY, 2004, pp. 239-243.
23. **Lalwani AK**, Mafong DD. Sensorineural Hearing Loss (Chapter 51). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, McGraw Hill, New York, NY, 2004, pp. 729-734.
24. **Lalwani AK**. The Aging Inner Ear (Chapter 52). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, McGraw Hill, New York, NY, 2004, pp. 735-742.
25. Johnson J, **Lalwani AK**. Vestibular Disorders (Chapter 55). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, McGraw Hill, New York, NY, 2004, pp. 761-770.
26. Johnson J, **Lalwani AK**. Acoustic Neuromas (Chapter 60). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, McGraw Hill, New York, NY, 2004, pp. 815-824.

27. Johnson J, **Lalwani AK**. Nonacoustic Lesions of the Cerebellopontine Angle (Chapter 61). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, McGraw Hill, New York, NY, 2004, pp. 825-832.
28. **Lalwani AK**. Neurofibromatosis Type 2 (Chapter 62). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, McGraw Hill, New York, NY, 2004, pp. 833-837.
29. Driscoll CLW, Gluth MB, **Lalwani AK**. Cochlear Implants (Chapter 69). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, McGraw Hill, New York, NY, 2004, pp. 937-947.
30. **Lalwani AK**, McGuire JF. Pharmacologic Treatment of the Cochlea and Labyrinth. In Cummings CW, Flint PW, Harker LA, Haughey BH, Richardson MA, Robbins KT, Schuller DE, Thomas JR (eds.) Cummings Otolaryngology—Head & Neck Surgery, 4th edition, Elsevier Mosby, Philadelphia, PA, 2005, pp. 2944-2976.
31. Wareing MJ, **Lalwani AK**, Jackler RK. Development of the Ear (Chapter 128). In Bailey BJ & Johnson JT (eds.), Otolaryngology—Head & Neck Surgery, 4th Edition, Lippincott Williams & Wilkins, A Wolters Kluwer Business, Philadelphia, PA, 2006, 1869-1882.
32. Patel AK & **Lalwani AK**. Genetic Predictors of Cochlear Implant Outcome (Chapter 2). In Waltzman SB & Roland JT (eds.) Cochlear Implants, 2nd edition, Thieme, New York, NY, 2006, pp. 11-24.
33. Zeitler DM, **Lalwani AK**. Treatment of Hearing Loss: Viral Transfection. In Dallos P and Oertel D, ed. The Senses: A Comprehensive Reference, Vol 3: Audition, Academic Press, London, England, 2008, pp. 491-498.
34. Patel NP, **Lalwani AK**. Inner Ear Drug Delivery & Gene Therapy. In Snow JB Jr and Wackym PA (eds) Ballenger's Otorhinolaryngology Head and Neck Surgery, 17th Edition, BC Decker, Hamilton, Ontario, Canada, 2009, pp: 81-88.
35. **Lalwani AK**. Olfactory Dysfunction (Chapter 9). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 2nd Edition, McGraw Hill, New York, NY, 2008, pp. 232-236.
36. **Lalwani AK**. Sensorineural Hearing Loss (Chapter 52). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 2nd Edition, McGraw Hill, New York, NY, 2008, pp. 683-688.
37. **Lalwani AK**. The Aging Inner Ear (Chapter 53). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 2nd Edition, McGraw Hill, New York, NY, 2008, pp. 689-696.
38. Johnson J, **Lalwani AK**. Vestibular Disorders (Chapter 56). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 2nd Edition, McGraw Hill, New York, NY, 2008, pp. 713-723.

39. Johnson J, **Lalwani AK**. Vestibular Schwannoma (Acoustic Neuromas) (Chapter 61). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 2nd Edition, McGraw Hill, New York, NY, 2008, pp. 765-774.
40. Johnson J, **Lalwani AK**. Nonacoustic Lesions of the Cerebellopontine Angle (Chapter 62). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 2nd Edition, McGraw Hill, New York, NY, 2008, pp. 775-788.
41. **Lalwani AK**. Neurofibromatosis Type 2 (Chapter 63). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 2nd Edition, McGraw Hill, New York, NY, 2008, pp. 783-788.
42. Gluth MB, Driscoll CLW, **Lalwani AK**. Cochlear Implants (Chapter 70). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 2nd Edition, McGraw Hill, New York, NY, 2008, pp. 877-887.
43. **Lalwani AK**. Disorders of Smell, Taste, and Hearing (Chapter 30). In Fauci AS, Braunwald E, Kasper DL, Hauser SL, Longo DL, Jameson JL, Loscalzo J (eds.) Harrison's Principles of Internal Medicine, 17th Edition, McGraw Hill, New York, NY, 2008, pp. 196-204.
44. **Lalwani AK**, Mhatre AN. Genetics in Otology and Neurotology. In Glasscock ME III and Gulya AJ (eds) Glasscock-Shambaugh Surgery of the Ear, 6th Edition, B. C. Decker Inc., Hamilton, Ontario, Canada, 2008, pp xxx-xxx.
45. Huang TC, **Lalwani AK**. Neurophysiology during middle ear, mastoid and parotid surgery. In Nuwer MR (ed) Intraoperative Monitoring of Neural Function, Volume 8, [Daube JR and Mauguire F (ed) HANDBOOK OF CLINICAL NEUROPHYSIOLOGY Series], Elsevier, Amsterdam, The Netherlands, 2008, pp. 556-565.
46. **Lalwani AK**, McGuire JF. Pharmacologic and Molecular Therapies of the Cochlear and Vestibular Labyrinth (Chapter 155). In Flint PW, Haughey BH, Lund VJ, Niparko JK, Richardson MA, Robbins KT, Thomas JR (eds.) Cummings Otolaryngology—Head & Neck Surgery, 5th edition, Mosby Elsevier, Philadelphia, PA, 2010, pp. 2179-2193.
47. Cosetti MK, **Lalwani AK**. Dizziness, Imbalance and Vestibular Dysfunction (Chapter 22). In Silver JM, McAllister TW, Yudofsky SC (eds) Textbook of Traumatic Brain Injury, 2nd Edition, American Psychiatric Publishing, Arlington, VA, 2011, pp. 351-361.
48. **Lalwani AK**. Olfactory Dysfunction (Chapter 10). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 3rd Edition, McGraw Hill, New York, NY, 2011, pp. 253-257.
49. **Lalwani AK**. Sensorineural Hearing Loss (Chapter 52). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 3rd Edition, McGraw Hill, New York, NY, 2011, pp. 699-704.

50. **Lalwani AK.** The Aging Inner Ear (Chapter 53). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 3rd Edition, McGraw Hill, New York, NY, 2011, pp. 705-696.
51. Johnson J, **Lalwani AK.** Vestibular Disorders (Chapter 56). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 3rd Edition, McGraw Hill, New York, NY, 2011, pp. 729-738.
52. Johnson J, **Lalwani AK.** Vestibular Schwannoma (Acoustic Neuromas) (Chapter 61). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 3rd Edition, McGraw Hill, New York, NY, 2011, pp. 781-790.
53. Johnson J, **Lalwani AK.** Nonacoustic Lesions of the Cerebellopontine Angle (Chapter 62). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 3rd Edition, McGraw Hill, New York, NY, 2011, pp. 791-799.
54. **Lalwani AK.** Neurofibromatosis Type 2 (Chapter 63). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 3rd Edition, McGraw Hill, New York, NY, 2011, pp. 800-804.
55. Gluth MB, Driscoll CLW, **Lalwani AK.** Cochlear Implants (Chapter 68). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 3rd Edition, McGraw Hill, New York, NY, 2011, pp. 850-860.
56. Anwar AA, **Lalwani AK.** What's New In Otitis Media (Chapter 11). In **Lalwani AK** and Pfister MHF (eds.) Recent Advances in Otolaryngology-Head and Neck Surgery, Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India, 2012, pp. 184-204.
57. Wareing MJ, **Lalwani AK,** Anwar AA, Jackler RK. Development of the Ear (Chapter 140). In Bailey BJ & Johnson JT (eds), Otolaryngology—Head & Neck Surgery, 5th Edition, Lippincott Williams & Wilkins, A Wolters Kluwer Business, Philadelphia, PA, 2012, in press.
58. Heman-Ackah SE, **Lalwani AK.** Genetics in Otolaryngology (Chapter 9). In Bailey BJ & Johnson JT (eds), Otolaryngology—Head & Neck Surgery, 5th Edition, Lippincott Williams & Wilkins, A Wolters Kluwer Business, Philadelphia, PA, 2012, in press.
59. Stucken EZ, **Lalwani AK.** Sensorineural Hearing Loss in Children (Chapter 2 in Hearing and Communication Disorders in the XXI Century section). In Sih T, Chinski A, Eavey R, Godinho (eds), XI International Association of Pediatric Otorhinolaryngology Manual of Pediatric Otorhinolaryngology, IAPO, Sao Paulo, Brazil, 2012, pp 277-282.
60. Stucken EZ, **Lalwani AK.** Sensorineural Hearing Loss in Children (Chapter 3). In **Lalwani AK** and Pfister MHF (eds) Recent Advances in Otolaryngology-Head and Neck Surgery, 2nd Edition, Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India, 2013, pp. 26-43.

61. Chari D, Cosetti MK, **Lalwani AK**. Cochlear Implants: An Update (Chapter 9). In **Lalwani AK** and Pfister MHF (eds) Recent Advances in Otolaryngology-Head and Neck Surgery, 3rd Edition, Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India, 2014, pp. 124-147.
62. Spitzer JB, Korres G, **Lalwani AK**. Evidence in Favor of Cochlear Implantation for the Treatment of Single-Sided Deafness (Chapter 9). In **Lalwani AK** and Pfister MHF (eds) Recent Advances in Otolaryngology-Head and Neck Surgery, 4th Edition, Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India, 2015, pp. 172-184.
63. Watanabe H, **Lalwani AK**, Kysar JW. In Situ NANO-Indentation of Round Window Membrane (Chapter 3). In S.A. Tekalur, P. Zavattieri, C.S. Korach (eds.) Mechanics of Biological Systems and Materials, Volume 6, Proceedings of the 2015 Annual Conference on Experimental and Applied Mechanics, Springer International Publishing, Cham, Switzerland, 2016, pp. 17-29.
64. Griffin BM and **Lalwani AK**. Music Perception and Enjoyment With Cochlear Implants. In **Lalwani AK** and Pfister MHF (eds.) Recent Advances in Otolaryngology-Head and Neck Surgery, 5th Edition, Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India, 2016, pp. 137-155.
65. Watanabe H, Kysar JW, **Lalwani AK**. Round Window Membrane as a Portal for Inner Ear Therapy. In **Lalwani AK** and Pfister MHF (eds.) Recent Advances in Otolaryngology-Head and Neck Surgery, 6th Edition, Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India, 2017, pp. 39-56.
66. Mamuyac EM, Zanutto D, Rao AK, Agrawal SK, **Lalwani AK**. Gait Disturbance in the Elderly. In **Lalwani AK** and Pfister MHF (eds.) Recent Advances in Otolaryngology-Head and Neck Surgery, 6th Edition, Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India, 2017, pp. 57-74.
67. **Lalwani AK**. Disorders of Hearing (Chapter 30). In Jameson JL, Fauci AS, Kasper DL, Hauser SL, Longo DL, Loscalzo J (eds.) Harrison's Principles of Internal Medicine, 20th Edition, McGraw Hill, New York, NY, 2018, pp. XX-XX .
68. **Lalwani AK**. Olfactory Dysfunction (Chapter 10). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 4th Edition, McGraw Hill, New York, NY, 2020, pp. 297-301.
69. Stucken EZ, **Lalwani AK**. Sensorineural Hearing Loss (Chapter 54). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 4th Edition, McGraw Hill, New York, NY, 2020, pp. 861-868.
70. **Lalwani AK**, Qian ZJ. The Aging Inner Ear (Chapter 55). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 4th Edition, McGraw Hill, New York, NY, 2020, pp. 869-876.

71. **Lalwani AK.** Vestibular Disorders (Chapter 58). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 4th Edition, McGraw Hill, New York, NY, 2020, pp. 904-916.
72. Svrakic M, **Lalwani AK.** Vestibular Schwannoma (Chapter 63). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 4th Edition, McGraw Hill, New York, NY, 2020, pp. 957-967.
73. Cosetti M, **Lalwani AK.** Nonacoustic Lesions of the Cerebellopontine Angle (Chapter 64). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 4th Edition, McGraw Hill, New York, NY, 2020, pp. 968-979.
74. **Lalwani AK.** Neurofibromatosis Type 2 (Chapter 65). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 4th Edition, McGraw Hill, New York, NY, 2020, pp. 980-985.
75. Deep NL, Driscoll CLW, **Lalwani AK.** Cochlear Implants (Chapter 71). In **Lalwani AK** (ed.) Lange Current Diagnosis and Treatment in Otolaryngology-Head & Neck Surgery, 4th Edition, McGraw Hill, New York, NY, 2020, pp. 1048-1062.
76. **Lalwani AK.** Disorders of Hearing (Chapter 34). In Loscalzo J, Fauci AS, Kasper DL, Hauser SL, Longo DL, Jameson JL (eds.) Harrison's Principles of Internal Medicine, 21st Edition, McGraw Hill, New York, NY, 2022, pp. 238-246.
77. Di Stadio A, Hamiter MJ, Roccamatysi D, **Lalwani AK.** Hearing Loss and Alzheimer Disease. In Newhouse P and Kidd EJ (eds.) Neurobiology of Alzheimer's Disease (Current Topics in Behavioral Neurosciences), Springer, Cham, Switzerland, 2024, Oct 23. doi: 10.1007/7854_2024_526.
78. **Lalwani AK.** Disorders of Hearing (Chapter 36). In Longo DL, Fauci AS, Kasper DL, Hauser SL, Jameson JL, Loscalzo J, Holland SM, Langford CA (eds.) Harrison's Principles of Internal Medicine, 22nd Edition (volume 1), McGraw Hill, New York, NY, 2025, pp. 244-252.

BOOKS

1. PEDIATRIC OTOLOGY AND NEUROTOLOGY. **Lalwani AK** and Grundfast KM (eds.). J. B. Lippincott Co., Philadelphia, PA, 1998.
2. CURRENT DIAGNOSIS & TREATMENT IN OTOLARYNGOLOGY – HEAD & NECK SURGERY. **Lalwani AK** (ed.). McGraw Hill, New York, NY, 2004.
3. CURRENT DIAGNOSIS & TREATMENT IN OTOLARYNGOLOGY – HEAD & NECK SURGERY, 2nd Edition. **Lalwani AK** (ed.). McGraw Hill, New York, NY, 2008.

4. CURRENT DIAGNOSIS & TREATMENT IN OTOLARYNGOLOGY – HEAD & NECK SURGERY, 3rd Edition. **Lalwani AK** (ed.). McGraw Hill, New York, NY, 2012.
5. RECENT ADVANCES IN OTOLARYNGOLOGY-HEAD AND NECK SURGERY. **Lalwani AK** and Pfister MHF (eds.). Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India, 2012.
6. RECENT ADVANCES IN OTOLARYNGOLOGY-HEAD AND NECK SURGERY, 2nd Edition. **Lalwani AK** and Pfister MHF (eds.). Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India, 2013.
7. RECENT ADVANCES IN OTOLARYNGOLOGY-HEAD AND NECK SURGERY, 3rd Edition. **Lalwani AK** and Pfister MHF (eds.). Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India, 2014.
8. SATALOFF’S COMPREHENSIVE TEXTBOOK OF OTOLARYNGOLOGY: OTOLOGY, NEUROTOLOGY, SKULL BASE SURGERY (Volume 1). **Lalwani AK** (ed.). Jaypee Brothers Medical Publishers (P) Ltd., New Delhi, India, 2015.
9. RECENT ADVANCES IN OTOLARYNGOLOGY-HEAD AND NECK SURGERY, 4th Edition. **Lalwani AK** and Pfister MHF (eds.). Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India, 2015.
10. RECENT ADVANCES IN OTOLARYNGOLOGY-HEAD AND NECK SURGERY, 5th Edition. **Lalwani AK** and Pfister MHF (eds.). Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India, 2016.
11. RECENT ADVANCES IN OTOLARYNGOLOGY-HEAD AND NECK SURGERY, 6th Edition. **Lalwani AK** and Pfister MHF (eds.). Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India, 2017.
12. CURRENT DIAGNOSIS & TREATMENT IN OTOLARYNGOLOGY – HEAD & NECK SURGERY, 4th Edition. **Lalwani AK** (ed.). McGraw Hill, New York, NY, 2020.

AUDIO-DIGEST

1. **Lalwani AK.** Evaluating Pediatric SNHL. Audio-Digest Otolaryngology, 32(9), May 1, 1999.
2. **Lalwani AK.** Cochlear Implantation in Pediatric Patients. Audio-Digest Otolaryngology, 32(10), May 15, 1999.
3. **Lalwani AK.** Impact of Molecular Genetics on the Management of Ear Diseases. Audio-Digest Otolaryngology, 34(2), January 21, 2001.

4. **Lalwani AK.** Cochlear Implants: State of the Art. Audio-Digest Otolaryngology, 34(13), July 7, 2001.
5. **Lalwani AK.** Evaluation of Sensorineural Hearing Loss (SNHL). Audio-Digest Otolaryngology, 36(6), March 21, 2003.
6. **Lalwani AK.** Cholesteatomas: Canal-Wall Up vs. Canal-Wall Down. Audio-Digest Otolaryngology, 41(6), March 21, 2008.

RADIO AND TELEVISION

1. "Hearing Loss Remedies," The Early Show, CBS News, January 10, 2006.
2. "Mystery of the Mind," The Paula Zahn Show, CNN News, September 1, 2006.
3. "Kiss of Deaf," The Early Show, CBS News, June 13, 2008.
4. "Please Explain: Hearing," The Leonard Lopate Show, WNYU, June 5, 2009.
5. "Aging and Hearing Loss," Healthy Aging with Michael Perskin, MD, SIRIUSXM Radio, April 12, 2010.
6. "Viagra and Hearing Loss," Men's Health Show with Herbert Lepor, MD & Joseph Alukal, MD, SIRIUS 114/XM 119 Radio, June 16, 2010.
7. "What's New in Hearing Loss," Healthy Aging with Michael Perskin, MD, SIRIUSXM Radio, October 18, 2010.
8. "Cochlear Implants: Bringing Back The Joy of Sound," Healthy Body Healthy Mind: The TV Series, Public Television 2012.
9. "Tiny Miracle – Cochlear Implants," WCBS News at 11, September 17, 2012, New York.
10. "Hearing Again (Sophono)," WCBS News (Channel 2), May 22, 2013, New York.
11. "Hearing Again," Spanish Station Univision, May 28, 2013, New York.
12. "Auditory Brainstem Implants – Live Interview." Happening Now with Jon Scott & Jenna Lee, FOX News Channel, June 21, 2013.

INTERNET

1. **Lalwani AK.** The Genetics of Late-Onset hearing Impairment. DNA Sciences, Inc (www.dna.com), September 28, 2000.

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

2. **Lalwani AK.** Pediatric Sensorineural Hearing Loss. Resident Curriculum Module, American Academy of Otolaryngology—Head & Neck Surgery.
3. **Lalwani AK.** Canal Wall Up Technique. The 4th Global Otology-Neurotology Live Surgical Broadcast, May 19, 2009. Live International Otolaryngology Network (LION).
4. **Lalwani AK** (participant panelist). ABC News Twitter Chat: Hearing Loss (May 15, 2012). [http://storify.com/carrie_gann/hearing-loss-5-15-12]
5. **Lalwani AK.** Ear Drug Delivery Systems. Audiology Online Webinar, April 9, 2014.

SUBMITTED/IN PREPARATION

1. Chen SY, Griffin BM, Peng T, Chun MB, Kohlberg GD, Mancuso D, Kim H-OA, Spitzer JB, **Lalwani AK.** The Effects of MIDI vs. Live Recordings, Harmonic Complexity, and Timbre on Music Enjoyment in Cochlear Implantees and Normal Hearing Adults.
2. Bagce HF, Moonis G, **Lalwani AK.** Hearing Aid Use Preserves Left Superior Temporal Gyrus Width. Submitted to AJNR.

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD
RESEARCH SUPPORT

CURRENT ACTIVE GRANT SUPPORT (PI: ANIL K. LALWANI, MD)

Department of Defense CDMRP HRRP (RH210032) \$1,437,602
Intracochlear Delivery of Newly Developed Gene Therapies for Preventing and Restoring Noise-Induced Hearing Loss via Novel Dual Lumen Microneedle Technology
PI: Jeffrey W. Kysar, PhD; Co-Investigators: Anil K. Lalwani, MD, and Elizabeth Olson, PhD
Project Date: July 1, 2022 – June 30, 2025

New York Community Trust \$90,000
Otologic and Neurotologic Research
PI: Anil K. Lalwani, MD
Project Date: August 1, 2012 - July 30, 2025

National Institute on Deafness and Other Communication Disorders, NIH \$350,033
Endoscopy-Assisted Intracochlear Access Via Ultrasharp-Microneedles (1R41DC021128-01)
PI: Anil K. Lalwani, MD and Aykut Aksit, PhD, Haystack Medical
Project Date: July 1, 2023 – June 30, 2024

BioMedX, Department of Biomedical Engineering, Columbia University \$100,000
Reti-Needle: An Ocular Microneedle Delivery System for Precise Retinal Disease Treatment
PI: Jeffrey W. Kysar; Co-Investigators: Anil K. Lalwani, MD, Tenzel Tongalp, MD
Project Date: July 1, 2024 – June 30, 2025

PREVIOUS GRANT SUPPORT

Research Allocation and Evaluation Committee, UCSF
\$6,500 October 1994 - June 1995
Title: *Genetic Linkage Analysis of a Three Generation Family With Hereditary Cochleosaccular Degeneration*

Academic Senate, UCSF
\$14,000 November 1994 - June 1995
Title: *To Identify and Characterize Cell-Specific Proteins in the Mechano-Sensory Hair Cells of the Mammalian Inner Ear*

Deafness Research Foundation
\$15,000 January 1995 - December 1995
Title: *Genetic Linkage Analysis of a Three Generation Family with Hereditary Cochleosaccular Degeneration*

Deafness Research Foundation
\$15,000 January 1995 - December 1995
Title: *Identification and Characterization of Cell-Specific Proteins in the Mechano-Sensory Hair Cells of the Mammalian Inner Ear (PI: Anand N. Mhatre, PhD, Postdoctoral Research Fellow)*

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

American Hearing Research Foundation

\$10,000 January 1, 1995 - December 31, 1995

Title: *Genetic Linkage Analysis of a Three Generation Family with Hereditary Cochleosaccular Degeneration*

Hearing Research, Inc

\$75,000 January 1995 - December 1997

Title: *Molecular Biology and Genetics of Deafness*

National Organization For Hearing Research

\$5,000 January 1, 1995 - December 31, 1995

Title: *Genetic Linkage Analysis of a Family with Cochleosaccular Degeneration*

UCSF Gene Therapy Core Grant

\$75,000 April 1995 - September 1995

Title: *Development of Gene Therapy for Hearing Disorders*

The Triological Society

\$25,000 July 1995 - June 1996

Title: *Linkage Analysis of a Three Generation Family with Schiebe Degeneration*

National Organization For Hearing Research

\$5,000 January 1, 1996 - December 31, 1996

Title: *Stability and Safety of Adeno-Associated Virus as a Transfection Vector Following In Vivo Introduction Into Cochlea of Guinea Pig*

American Academy of Otolaryngology—Head & Neck Surgery

\$10,000 July 1, 1996 - June 30, 1997

Title: *Familial Unilateral Acoustic Neuroma: A New Syndrome or a Variable Expression of Neurofibromatosis Type II? (PI: Paul Bikhazi, MD, OTO-HNS Resident)*

American Academy of Otolaryngology—Head & Neck Surgery

\$10,000 July 1, 1996 - June 30, 1997

Title: *The Efficacy of Direct and Adeno-associated Virus Mediated Introduction of NT-3 in Preventing Neural Degeneration Following Aminoglycoside-Induced Ototoxicity in the Guinea Pig (PI: Lawrence Lustig, MD, OTO-HNS Resident)*

Academic Senate, UCSF

\$15,000 November 1996 - June 1997

Title: *Characterization of Water Channels in the Cochlea*

American Hearing Research Foundation

\$15,000 January 1, 1997 - December 31, 1997

Title: *Characterization of the Mammalian Inner Ear Water Channel*

National Organization For Hearing Research

\$10,000 January 1, 1998 - December 31, 1998

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

Title: *Characterization of Cationic Liposomes as Gene Transfer Vectors in Cochlear Gene Therapy Studies (PI: Anand Mhatre, PhD; Co-PI: Anil K. Lalwani, MD)*

National Organization For Hearing Research

\$10,000 January 1, 1998 - December 31, 1998

Title: *Expression, Regulation and Physiological Function of Aquaporin 2 and Vasopressin V2 Receptor in the Inner Ear (PI: Igor I. Shubayev, MD; Co-PI: Anil K. Lalwani, MD)*

Anonymous Foundation

\$300,000 January 1, 1997 - December 31, 1999

Title: *Laboratory of Molecular Genetics Research Grant*

Anonymous Foundation

\$330,000 January 1, 1997 - December 31, 1999

Title: *UCSF Pediatric Cochlear Implant Program*

Deafness Research Foundation

\$15,000 January 1, 1999 – December 31, 1999

Title: *Connexin 26 Mutations Responsible For Non-Syndromic Hearing Loss: In Vitro and In Vivo Characterization (PI: Anand N. Mhatre, PhD; Co-PI: Anil K. Lalwani, MD)*

National Organization For Hearing Research

\$10,000 January 22, 1999 – January 21, 2000

Title: *Development and Characterization of an Animal Model with Connexin 26 (Cx26) Dysfunction (PI: Anand Mhatre, PhD; Co-PI: Anil K. Lalwani, MD)*

Deafness Research Foundation

\$20,000 January 1, 2000 – December 31, 2000

Title: *Mouse Knockouts of AQP1 and AQP4: Model Systems for Assessing Contribution of AQP1 and 4 to the Auditory Function and Therapeutic Efficacy of Cochlear Gene Transfer (PI: Anand N. Mhatre, PhD; Co-PI: Anil K. Lalwani, MD)*

Deafness Research Foundation

\$20,000 January 1, 2000 – December 31, 2000

Title: *Stability, Safety, and Efficacy of Lentivirus Mediated Transgene Expression in the Cochlea (PI: Anil K. Lalwani, MD; Co-PI: Anand N. Mhatre, PhD)*

American Otological Society (Research Training Fellowship)

\$44,000 July 1, 1999 – June 30, 2000

Title: *Aquaporin-5 in the Inner Ear: Expression and Potential Role in Hearing (Charles Jer-Huang Tseng, MD, Washington University)*

The American Laryngological, Rhinological and Otological Society, Inc.

\$10,000 July 1, 2000 – June 30, 2001

Title: *Ear Development in Two Mouse Models of Cleidocranial Dysplasia (PI: Christina Laane, MD)*

National Institute on Deafness and Other Communication Disorders, NIH

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

\$569,985 July 1, 1996 - June 30, 2001

Title: *Molecular Genetics of and Gene Therapy for Deafness (K08 DC00112)*

National Organization For Hearing Research

\$10,000 January 22, 2000 – January 21, 2001

Title: *Genetic Linkage Analysis of a Five Generation Family with Autosomal Dominant Hereditary Hearing Loss (PI: Jayne A. Goldstein, PhD; Co-PI: Anil K. Lalwani, MD)*

American Hearing Research Foundation

\$20,000 January 1, 2001 – December 31, 2001

Title: *Characterization of Prion Protein (PrP) Induced Hearing Loss and its Pathophysiology in Transgenic Mice (PI: Anand N. Mhatre, PhD; Co-PI: Anil K. Lalwani, MD)*

Deafness Research Foundation

\$20,000 January 1, 2001 – December 31, 2001

Title: *Characterization of Prion Protein (PrP) Induced Hearing Loss and its Pathophysiology in Transgenic Mice (PI: Anand N. Mhatre, PhD; Co-PI: Anil K. Lalwani, MD)*

Deafness Research Foundation

\$20,000 January 1, 2001 – December 31, 2001

Title: *Identification and Characterization of Genes for Non-syndromic Hearing Impairment (PI: Jayne A. Goldstein, PhD)*

Anonymous Foundation

\$450,000 January 1, 2000 - December 31, 2002

Title: *Laboratory of Molecular Genetics Research Grant*

Anonymous Foundation

\$330,000 January 1, 2000 - December 31, 2002

Title: *UCSF Pediatric Cochlear Implant Program*

Hearing Research, Inc

\$150,000 January 1998 - December 2002

Title: *Molecular Biology and Genetics of Deafness*

Deafness Research Foundation

\$50,000 January 1, 2002 – December 31, 2002

Title: *Non-Muscle Myosin MYH9 and its Mutant MYH9-R705 in Hearing and its Dysfunction*

Deafness Research Foundation

\$40,000 January 1, 2001 – December 31, 2002

Title: *Identification and Characterization of Genes for Non-Syndromic Hearing Impairment*

National Institute on Deafness and Other Communication Disorders, NIH

\$1,250,000 July 1, 2002 – June 30, 2007

Title: *Role of Conventional Myosin MYH9 in Hearing*
(PI: Anil K. Lalwani, MD)

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

National Organization for Hearing Research Foundation

\$15,000 January 1, 2004 - December 31, 2004

Title: *The Assessment of Neural Stem Cells as Therapeutic Vectors in the Mammalian Cochlea*
(PI: Nirmal Patel; co-PI: Anil K. Lalwani)

Chas. Henry Leach II Foundation

\$80,000 January 1, 2004 – December 31, 2009

Title: Genetic Influences on Cochlear Implant Outcome
(PI: Anil K. Lalwani, MD)

Advanced Bionics Corporation

April 2005 – April 2008

Title: Electroacoustic Hearing
(PI: Anil K. Lalwani, MD)

Innovation in Medical Education and Research Small Grants Program

November 26, 2007 - November 25, 2008

Title: Simulation-Based Training in Advanced Airway Skills
(PI: Milan Amin, MD; Co-PI: Richard Lebowitz, Kenneth Schneider, Anil Lalwani)

American Hearing Research Foundation

January 1, 2010-December 31, 2010

Title: Biological Role of Nonmuscle Myosin IIA in Sensory Hair Cells
(PI: Anand N. Mhatre, PhD; Co-PI: Anil K. Lalwani, MD)

Zausmer Foundation

April 2010 – March 2011

Title: Second Hand Smoke Exposure and Hearing Loss
(PI: Anil K. Lalwani, MD, Michael Weitzman, MD, Ying-Hua Liu, PhD)

Coulter Foundation \$100,000

Development of Technology to Facilitate Intracochlear Delivery of Therapeutic Agents Across the Round Window Membrane

PIs: Anil K. Lalwani, MD and Jeffrey W. Kysar, PhD

Project Date: July 1, 2013 – June 30, 2014

Zausmer Foundation \$25,000

Mild Hearing Loss and Cognition in Children

PI: Anil K. Lalwani, MD

Project Date: September 1, 2013 – August 31, 2014

Anton E. B. Schefer Foundation \$10,000

Otologic Research

PI: Anil K. Lalwani, MD

Project Date: July 1, 2014 – June 30, 2015

American Otological Society \$55,000

Development of RWM Microneedle Array for Intracochlear Drug Delivery

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

PIs: Anil K. Lalwani, MD and Jeffrey W. Kysar, PhD

Project Date: July 1, 2014 – June 30, 2015

Coulter Foundation \$160,000

Single Needle Perforation of the Human Round Window Membrane to Facilitate Cochlear Implantation

PIs: Anil K. Lalwani, MD and Jeffrey W. Kysar, PhD

Project Date: November 1, 2014 – October 31, 2015

American Otological Society \$55,000

Development of RWM Microneedle Array for Intracochlear Drug Delivery

PIs: Anil K. Lalwani, MD and Jeffrey W. Kysar, PhD

Project Date: July 1, 2015 – June 30, 2016 (Returned August 9, 2015 following NIH Funding)

Advanced Bionics Corporation \$90,000

Designing and Testing A Tool for Creating Precise Perforation in Round Window Membrane

PI: Anil K. Lalwani, MD and Jeffrey W. Kysar, PhD

Project Date: November 1, 2014 – October 31, 2017

Anton E. B. Schefer Foundation \$100,000

Meniere's Disease

PI: Anil K. Lalwani, MD

Project Date: August 1, 2015 – July 31, 2018

National Institute on Deafness and Other Communication Disorders, NIH

CHEARS: Prospective Study of Change in Hearing Thresholds as Measured by Audiometry

Subcontract Site PI: Anil K. Lalwani, MD

Project Dates: July 1, 2011 – June 30, 2018

American Academy of Otolaryngology—Head & Neck Surgery Foundation Resident Research Award \$8,085

Music Perception and Music Enjoyment in Cochlear Implantation

PI: Tiffany Peng, MD, Resident, Combined Columbia/Cornell Residency Program

Faculty Mentors: Anil K. Lalwani, MD and Jaclyn Spitzer, PhD

Project Date: July 1, 2016 – June 30, 2017

Oberkötter Foundation \$875,000

Community Hearing Health Collaborative to Meet the Needs of Children with Hearing Impairment

PI: Anil K. Lalwani, MD

Project Dates: January 1, 2018 – December 31, 2020

National Institute on Deafness and Other Communication Disorders, NIH \$2,144,187

Intracochlear Delivery of Therapeutics Across RWM via Microneedle Array

Co-PIs: Anil K. Lalwani, MD, and Jeffrey W. Kysar, PhD

Project Date: August 10, 2015 – August 9, 2021 (NCE)

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

Scheme for Promotion of Academic and Research Collaboration (SPARC), A Government of India Initiative

Assessing Gait and Balance During Walking Using Body Worn Sensors

Co-PI: Anil K. Lalwani, MD; PI: Vineet Vashista, PhD, Indian Institute of Technology Gandhinagar

Project Dates: 2019 -2021

Columbia SEAS Translational Acceleration Research (STAR) Funding \$170,000

Metallic Crown Needle to Facilitate Insertion of Cochlear Implant through Round Window Membrane

PI: Jeffrey W. Kysar, PhD, Alan West, PhD and Anil K. Lalwani, MD

Project Date: 07/01/19 – 06/30/21

Ms. Ann Tenenbaum and Mr. Thomas H. Lee \$40,000

Otologic Research

PI: Anil K. Lalwani, MD

Project Date: April 1, 2015 – December 31, 2021

Irving Institute Imaging Pilot Award (supported by National Center for Advancing Translational Sciences, NIH, Grant Number UL1TR001873) \$10,000

Investigation of Spatiotemporal Distribution of Therapeutics Within the Cochlea Using MRI

PI: Anil K. Lalwani, MD; Co-PI: Jeffrey W. Kysar, PhD and Jia Guo, PhD

Project Date: September 1, 2021 – May 31, 2022

Oberkottter Foundation \$792,107 (Competitive Renewal)

Community Hearing Health Collaborative to Meet the Needs of Children with Hearing Impairment

PI: Anil K. Lalwani, MD

Project Dates: January 1, 2021 – December 31, 2023

PREVIOUS CLINICAL TRIAL

Otonomy \$35,000

A Prospective, Randomized, Double-blind, Placebo-Controlled, Multicenter, Phase 2b Study of OTO-104 Given as a Single Intratympanic Injection in Subjects with Unilateral Meniere's Disease

PI: Anil K. Lalwani, MD

Project Date: April 1, 2014 – April 30, 2015

Salvat Pharma

A Phase III, Multicenter, Randomized, Double-Blind Clinical Trial to Assess the Efficacy and Safety of Clotrimazole 1% Otic Solution Compared to Placebo for the Treatment of Fungal Otitis Externa (Otomycosis)

PI: Anil K. Lalwani, MD

Project Date: April 30, 2020 – December 31, 2021

PREVIOUS STUDENT FELLOWSHIPS

Howard Hughes Medical Institute (Research Training Fellowship for Medical Students)

\$25,000 July 1, 1996 - June 30, 1997

Title: *Application of Intracochlear Gene Therapy to Prevent Spiral Ganglion Loss Following Ototoxic Insult Using Adeno-Associated Virus Containing Neurotrophin-3 (Gerard J. Carvalho, Medical Student, UCSF)*

Genentech Foundation Research Fellowship

\$16,000 July 1, 1996 - June 30, 1997

Title: *The Efficacy of NT4/5 Polypeptide and NT4/5 Gene Integrated Into an AAV Transfection Vector in Preventing Neural Degeneration Following Aminoglycoside-Induced ototoxicity in the Guinea Pig (Jay J. Han, Medical Student, UCSF)*

Deafness Research Foundation (Otological Research Fellowship)

\$13,500 July 1, 1997 - June 30, 1998

Title: *Characterization of Aquaporin-4 (AQP-4) Within the Mammalian Inner Ear and Determination of Physiologic Role in Hearing and Balance (Robert M. Pettis, Medical Student, UCLA)*

Genentech Foundation Research Fellowship

\$ 3,750 July 1, 1996 - June 30, 1997

Title: *Genetic Linkage Analysis of a Three Generation Family With Autosomal Dominant Progressive Low Frequency Sensorineural Hearing Impairment (Caley M. Castelein, Medical Student, UCSF)*

Deafness Research Foundation (Otological Research Fellowship)

\$13,500 July 1, 1998 - June 30, 1999

Title: *Genetic Linkage Analysis of a Three Generation Family With Autosomal Dominant Progressive Low Frequency Sensorineural Hearing Impairment (Caley M. Castelein, Medical Student, UCSF)*

Deafness Research Foundation (Otological Research Fellowship)

\$13,500 July 1, 1999 - June 30, 2000

Title: *Candidate Gene Analysis for DFNA17 (Ryan E. Stern, Medical Student, NYU)*

University of California San Francisco (Student Research Committee Summer Fellowship)

\$3,200 June 2002 - August 2002

Title: *Role of Water Channels in Meniere's Disease (Antoine Lyonel Carre, Medical Student, UCSF)*

Garnett Passe and Rodney Williams Memorial Foundation Overseas Research Fellowship

\$105,000 August 1, 2003 to July 31, 2004

TITLE: *Stem cell mediated neurotrophin gene therapy in the cochlea (Nirmal Patel, MD, Australia; Total Award \$364,000 over 4 years)*

Howard Hughes Medical Institute (Research Training Fellowship for Medical Students)

\$32,000 July 1, 2003 - June 30, 2004

CURRICULUM VITAE: ANIL KUMAR LALWANI, MD

Title: *Analysis of a Transgenic Mouse Model to Study the Ototoxic mechanism of the Anti-Neoplastic Drug Cisplatin (Andrew Kant Patel, Medical Student, UCSF)*

Chinese American Medical Society (Ruth Liu Memorial Scholarship)

\$2,000 July 1, 2004 – June 30, 2005

Title: *Molecular Genetics of Deafness (Kevin H. Wang, Medical Student, NYU)*

Website: <http://www.camsociety.org/programs.htm>

NIH Summer Research Program for 1st Year Medical Students at Columbia University College of Physicians and Surgeons (T-35 Short-Term Institutional Research Training Grant)

Effect of Reverberation on Music Enjoyment

PI: Michael V. Certo, Class of 2016

Mentor: Anil K. Lalwani, MD

Project Date: Summer 2013

NIH Summer Research Program for 1st Year Medical Students at Columbia University College of Physicians and Surgeons (T-35 Short-Term Institutional Research Training Grant)

Methods to Enhance Round Window Permeability

PI: Zhen Jason Qian, MD Class of 2016

Mentor: Anil K. Lalwani, MD

Project Date: Summer 2013

Dean's Research Fellowship, Columbia University Columbia University College of Physicians and Surgeons \$23,000

Direct Inner Ear Therapy: The New Frontier

PI: Catherine M. Kelso, Class of 2015

Mentors: Jeffrey W. Kysar, PhD and Anil K. Lalwani, MD

Project Date: July 1, 2013 – June 30, 2014

Dean's Research Fellowship, Columbia University Columbia University College of Physicians and Surgeons \$18,000

Direct Inner Ear Therapy: The New Frontier

PI: James P. Stevens, Class of 2016

Mentors: Jeffrey W. Kysar, PhD and Anil K. Lalwani, MD

Project Date: July 1, 2014 – June 30, 2015

School of Engineering and Applied Sciences Program's (SEAS) Translational Fellows Program
A Surgical Tool for Creating Perforations in RWM for Treatment of Ear Disorders

PI: Hirobumi Watanabe, PhD

Mentors: Jeffrey W. Kysar, PhD and Anil K. Lalwani, MD

Project Dates: April 1, 2015 – March 31, 2016

School of Engineering and Applied Sciences Program's (SEAS) Translational Fellows Program, Columbia University

PI: Dimitrios Fafalis, PhD

SEAS Translational Fellows Program

Mentors: Jeffrey W. Kysar, PhD and Anil K. Lalwani, MD

Fellowship Date: April 1, 2019 – March 31, 2020

American Otological Society \$30,000
Microneedle-Assisted Intracochlear Glucocorticoid Delivery and Sequential Proteomic Characterization
PI: Stephen Leong, BA (Mentor: Anil K. Lalwani, MD)
Project Date: July 1, 2021 – June 30, 2022

Columbia Dean's Research Fellowship \$32,000
Microneedle-Assisted Intracochlear Glucocorticoid Delivery and Sequential Proteomic Characterization
PI: Stephen Leong, BA (Mentors: Anil K. Lalwani, MD and Jeffrey W. Kysar, PhD)
Project Date: 7/1/2021 – 6/30/2022

American Neurotology Society \$25,000
Impact of Vestibular Dose on Post Gamma Knife Balance Function
PI: Bing Teh, MD (Mentor/Preceptor: Anil K. Lalwani, MD)
Project Date: 7/1/2021 – 6/30/2022

Columbia Dean's Research Fellowship \$32,000
Intracochlear NOX3 Gene Therapy via Dual-Lumen Microneedle Injection to Attenuate Noise-Induced Hearing Loss
PI: Sharon J. Feng, BA, BS (Mentors: Anil K. Lalwani, MD and Jeffrey W. Kysar, PhD)
Project Date: 7/1/2022 – 6/30/2023

Columbia Dean's Research Fellowship \$32,000
A Comprehensive Approach for Quantifying the Effects of Dizziness and Imbalance in the Elderly
PI: Diane Hu, BA (Mentors: Anil K. Lalwani, MD and Sunil Agrawal, PhD)
Project Date: 7/1/2022 – 6/30/2023