Contributors

CONSULTING EDITOR

SUJANA S. CHANDRASEKHAR, MD, FACS, FAAOHNS

Past President, American Academy of Otolaryngology–Head and Neck Surgery, Secretary-Treasurer, American Otological Society, Partner, ENT & Allergy Associates, LLP, Clinical Professor, Department of Otolaryngology–Head and Neck Surgery, Zucker School of Medicine at Hofstra-Northwell, Hempstead, New York, USA; Clinical Associate Professor, Department of Otolaryngology–Head and Neck Surgery, Icahn School of Medicine at Mount Sinai, New York, New York, USA

EDITORS

CAROL A. BAUER, MD

Professor Emerita, Department of Otolaryngology–Head and Neck Surgery, Southern Illinois University School of Medicine, Springfield, Illinois, USA

DIDIER DEPIREUX, PhD

Chief Scientific Officer, R&D OtolithLabs, Adjunct Faculty, Department of Otorhinolaryngology–Head and Neck Surgery, University of Maryland School of Medicine, Baltimore, Maryland, USA; Otolithlabs, Washington, DC, USA

RONNA HERTZANO, MD, PhD

Associate Professor, Department of Otolaryngology–Head and Neck Surgery, Associate Professor, Department of Anatomy and Neurobiology, Affiliate Member, Institute for Genome Sciences, University of Maryland School of Medicine, Baltimore, Maryland, USA

JENNIFER A. VILLWOCK, MD

Department of Otolaryngology- Head and Neck Surgery, Kansas University, University of Kansas Medical Center, Kansas City, Kansas, USA

AUTHORS

MEREDITH E. ADAMS, MD, MS

Associate Professor, Department of Otolaryngology-Head and Neck Surgery, University of Minnesota, Minneapolis, Minnesota, USA

SANA AMANAT, MSc. PhD

Student, Otology and Neurotology Group CTS495, Department of Genomic Medicine, GENYO - Centre for Genomics and Oncological Research – Pfizer, University of Granada, Junta de Andalucía, Andalusian Regional Government, PTS Granada, Granada, Spain

SEILESH BABU, MD

Department of Otology, Neurotology, and Skull Base Surgery, Michigan Ear Institute, Farmington Hills, Michigan, USA; Program Director, Ascension Macomb Otolaryngology Residency, Warren, Michigan, USA; Associate Professor, Department of Otolaryngology, Wayne State University, Detroit, Michigan, USA

MARIE-SARAH BAILLARGEON

École d'orthophonie et d'audiologie, Faculty of Medicine, Université de Montréal, Montreal. Canada

CAROL A. BAUER, MD

Professor Emerita, Department of Otolaryngology-Head and Neck Surgery, Southern Illinois University School of Medicine, Springfield, Illinois, USA

THOMAS J. BROZOSKI, PhD

Research Professor, Emeritus, Department of Otolaryngology-Head and Neck Surgery, Southern Illinois University School of Medicine, Springfield, Illinois, USA

KADJA FERRAZ CAMPARA, MBBS

College of Medicine, Universidade do Vale do Taquari-UNIVATES, Lajeado, Brazil

KATHLEEN F. CARLSON, PhD

United States Department of Veterans Affairs Rehabilitation Research & Development, National Center for Rehabilitative Auditory Research, Veterans Affairs Portland Health Care System, School of Public Health, Oregon Health & Science University, Center to Improve Veteran Involvement in Care, Portland, Oregon, USA

CHRISTOPHER R. CEDERROTH, PhD

Associate Professor, Department of Physiology and Pharmacology, Karolinskalnstitutet, Stockholm, Sweden

SUJANA S. CHANDRASEKHAR, MD, FACS, FAAOHNS

Past President, American Academy of Otolaryngology -Head and Neck Surgery, Secretary-Treasurer, American Otological Society, Partner, ENT & Allergy Associates, LLP, Clinical Professor, Department of Otolaryngology -Head and Neck Surgery, Zucker School of Medicine at Hofstra-Northwell, Hempstead, New York, USA; Clinical Associate Professor, Department of Otolaryngology -Head and Neck Surgery, Icahn School of Medicine at Mount Sinai, New York, New York, USA

STEVEN W. CHEUNG, MD

Professor, Department of Otolaryngology-Head and Neck Surgery, University of California, San Francisco, San Francisco, California, USA

CLAUDIA BARROS COELHO, MD, PhD

Postgraduate Program in Medical Sciences, College of Medicine, Universidade do Vale do Taquari-UNIVATES, Lajeado, Brazil; Department of Otolaryngology-Head and Neck Surgery, University of Iowa, Iowa City, Iowa, USA

DIDIER DEPIREUX, PhD

Chief Scientific Officer, R&D OtolithLabs, Adjunct Faculty, Department of Otorhinolaryngology–Head and Neck Surgery, University of Maryland School of Medicine, Baltimore, Maryland, USA; Otolithlabs, Washington, DC, USA

VICTORIA DUDA, MScS, PhD

Post-doctoral Fellow, École d'orthophonie et d'audiologie, Faculty of Medicine, Université de Montréal, Montreal, Canada

JONAS DYHRFJELD-JOHNSEN, PhD

Vice President, Research and Translational Development, Sensorion SA, Montpellier, France

DAVID J. EISENMAN, MD

Associate Professor, Department of Otorhinolaryngology-Head and Neck Surgery, University of Maryland School of Medicine, Baltimore, Maryland, USA

ALEXANDER GALAZYUK, PhD

Associate Professor, Department of Anatomy and Neurobiology, Northeast Ohio Medical University, Rootstown, Ohio, USA

SUSAN E. GRIEST, MPH

United States Department of Veterans Affairs Rehabilitation Research & Development, National Center for Rehabilitative Auditory Research, Veterans Affairs Portland Health Care System, Department of Otolaryngology–Head and Neck Surgery, Oregon Health & Science University, Portland, Oregon, USA

LESLIE D. GRUSH, AuD

United States Department of Veterans Affairs Rehabilitation Research & Development, National Center for Rehabilitative Auditory Research, Veterans Affairs Portland Health Care System, Portland, Oregon, USA

SYLVIE HÉBERT, PhD

Professor, École d'orthophonie et d'audiologie, Faculty of Medicine, Université de Montréal,]Montreal, Canada; International Laboratory for Brain, Music and Sound Research (BRAMS), Outremont, Quebec, Canada

JAMES A. HENRY, PhD

United States Department of Veterans Affairs Rehabilitation Research & Development, National Center for Rehabilitative Auditory Research, Veterans Affairs Portland Health Care System, Department of Otolaryngology–Head and Neck Surgery, Oregon Health & Science University, Portland, Oregon, USA

RONNA HERTZANO, MD, PhD

Associate Professor, Department of Otolaryngology–Head and Neck Surgery, Associate Professor, Department of Anatomy and Neurobiology, Affiliate Member, Institute for Genome Sciences, University of Maryland School of Medicine, Baltimore, Maryland, USA

TINA C. HUANG, MD

Assistant Professor, Department of Otolaryngology-Head and Neck Surgery, University of Minnesota, Minneapolis, Minnesota, USA

FATIMA T. HUSAIN, PhD

Department of Speech and Hearing Science, The Neuroscience Program, The Beckman Institute for Advanced Science and Technology, University of Illinois at Urbana-Champaign, Champaign, Illinois, USA

TOBIAS KLEINJUNG, MD

Department of Otorhinolaryngology and Head and Neck Surgery, University Hospital Zurich, University of Zurich, Zurich, Switzerland

DAWN KONRAD-MARTIN, PhD

Associate Director, United States Department of Veterans Affairs Rehabilitation Research & Development, National Center for Rehabilitative Auditory Research, Veterans Affairs Portland Health Care System, Associate Professor, Department of Otolaryngology–Head and Neck Surgery, Oregon Health & Science University, Portland, Oregon, USA

BERTHOLD LANGGUTH, MD

Department of Psychiatry and Psychotherapy, Interdisciplinary Tinnitus Center, University of Regensburg, Regensburg, Germany

K.J. LEE, MD, FACS

Associate Clinical Professor, Donald and Barbara Zucker School of Medicine at Hofstra/ Northwell; Quinnipiac University Frank H. Netter MD School of Medicine; Yale School of Medicine

MARK E. LEE, MBA

CEO, Halo Media Group

ERIKA L. LIPFORD, BSc

Department of Otorhinolaryngology–Head and Neck Surgery, University of Maryland School of Medicine, Baltimore, Maryland, USA

JOSE A. LOPEZ-ESCAMEZ, MD, PhD

Otology & Neurotology Group CTS495, Department of Genomic Medicine, GENYO - Centre for Genomics and Oncological Research – Pfizer, University of Granada, Junta de Andalucía, Andalusian Regional Government, PTS Granada, Department of Otolaryngology, Instituto de Investigación Biosanitaria ibs, GRANADA, Hospital Universitario Virgen de las Nieves, Department of Surgery, Division of Otolaryngology, Universidad de Granada, Granada, Spain

FRIEDERIKE S. LUETZENBERG, BS

MD/MBA Candidate Class of 2022, University of Central Florida College of Medicine, Orlando, Florida, USA

ELIZABETH MARKS, ClinPsyD

ClinPsyD, Lecturer, Clinical Psychologist, University of Bath, Claverton Down, Bath, United Kingdom

LAURENCE McKENNA, PhD, MClinPsychol

MClinPsychol, Consultant Clinical Psychologist, Department Clinical Psychology, Royal National Ear Nose Throat and Eastman Dental Hospital, University College London Hospital, Honorary Clinical Lecturer, University College London Ear Institute, London, United Kingdom

SRIKANTAN NAGARAJAN, PhD

Professor, Departments of Radiology and Biomedical Imaging, and Otolaryngology–Head and Neck Surgery, University of California, San Francisco, San Francisco, California, USA

KELLY M. REAVIS, MPH

United States Department of Veterans Affairs Rehabilitation Research & Development, National Center for Rehabilitative Auditory Research, Veterans Affairs Portland Health Care System, School of Public Health, Oregon Health & Science University, Portland, Oregon, USA

ROBERTO SANTOS, MBBS

College of Medicine, Universidade do Vale do Taquari-UNIVATES, Lajeado, Brazil

OLIVIA SCULLY, BSc

École d'orthophonie et d'audiologie, Faculty of Medicine, Université de Montréal, Montreal, Canada

MICHAEL D. SEIDMAN, MD, FACS

Director, Otologic/Neurotologic/Skull Base Surgery, Medical Director, Wellness and Integrative Medicine, Advent Health (Celebration and South Campuses), Professor, Otolaryngology–Head and Neck Surgery, University of Central Florida College of Medicine, Collaborative Professor, Otolaryngology Head and Neck Surgery, University of South Florida, AdventHealth Medical Group Otolaryngology–Head and Neck Surgery, Celebration, Florida, USA

LAGUINN P. SHERLOCK, AuD

Research Audiologist, Army Hearing Program, US Army Public Health Center, Aberdeen, Research Audiologist, Audiology and Speech Pathology Center, Walter Reed National Military Medical Center, Bethesda, Maryland, USA

SARAH M. THEODOROFF, PhD

Research Investigator, United States Department of Veterans Affairs Rehabilitation Research & Development, National Center for Rehabilitative Auditory Research, Veterans Affairs Portland Health Care System, Assistant Professor, Department of Otolaryngology—Head and Neck Surgery, Oregon Health & Science University, Portland, Oregon, USA

EMILY J. THIELMAN, MS

United States Department of Veterans Affairs Rehabilitation Research & Development, National Center for Rehabilitative Auditory Research, Veterans Affairs Portland Health Care System, Portland, Oregon, USA

RICHARD TYLER, PhD, MSc

Departments of Otolaryngology–Head and Neck Surgery, and Speech Pathology and Audiology, University of Iowa, Iowa City, Iowa, USA

FLORIAN VOGT, PhD, ClinPsyD

ClinPsyD, Clinical Psychologist, Royal National Ear Nose Throat and Eastman Dental Hospital, University College London Hospital, London, United Kingdom