Stanford



Konstantina M. Stankovic, MD, PhD, FACS

Bertarelli Foundation Professor and Professor of Otolaryngology - Head & Neck Surgery (OHNS) and, by courtesy, of Neurosurgery

Otolaryngology (Head and Neck Surgery)

CLINICAL OFFICE (PRIMARY)

- **Stanford Ear Institute**

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  Palo Alto, CA 94303

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ACADEMIC CONTACT INFORMATION

- **Executive Assistant**

  Rachel McGowan - Executive Assistant

  Email rmcgowan@stanford.edu

Bio

BIO

Dr. Stankovic is an ear and skull base surgeon trained at Harvard and an auditory neuroscientist trained at Massachusetts Institute to Technology. She serves as the Bertarelli Foundation Professor and Chair of Otolaryngology–Head and Neck Surgery. She is also a professor, by courtesy, of Neurosurgery.

Dr. Stankovic blends her surgical expertise with training in physics, molecular biology, auditory neuroscience, and systems electrophysiology. This multidisciplinary background enables her to devise uniquely effective solutions tailored to the unmet needs of those with hearing loss.

As the director of the Stanford Medicine Molecular Neurotology Laboratory, her research focuses on overcoming the challenges posed by the small size and complex three-dimensional structure of the inner ear. Her approach is further enhanced by collaborations with international leaders in ultra-low-power electronics and nonlinear optics.

Dr. Stankovic has published her research in some of the most prestigious medical and scientific journals, including the New England Journal of Medicine, Nature Biotechnology, Science Translational Medicine, Nature Communications, Nature Protocols, and Proceedings of the National Academy of Sciences. Her publications cover a range of topics, including advancements in the diagnosis and management of vestibular schwannoma, high-resolution imaging of the inner ear, gene therapy and drug repurposing for hearing loss, energy extraction from the inner ear to power electronics, development of human cellular models of hearing loss, and innovations in cranial nerve stimulation, including next-generation cochlear implants.

She has been recognized by the American Academy of Otolaryngology–Head and Neck Surgery, the American Otological Society, the United States Department of Defense, the National Organization for Hearing Research, and the National Institute on Deafness and Other Communications Disorders for her leadership in clinical care, research, and education.

Dr. Stankovic is an elected member of the National Academy of Medicine, the Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum, and the American Otological Society. She is also a fellow of the American College of Surgeons and the American Neurotology Society, and a former president of the American Auditory Society.

CLINICAL FOCUS

- Otology and Neurotology
- Hearing loss
- Cochlear implantation
- Otosclerosis
- Vestibular schwannomas/ Acoustic Neuromas
- Cholesteatoma
- Tympanoplasty
- Tumors of temporal bone
- Neurotology
- Otitis media
- Exostoses, ear canal

ACADEMIC APPOINTMENTS

- Professor, Otolaryngology (Head and Neck Surgery)
- Professor (By courtesy), Neurosurgery
- Member, Bio-X
- Member, Wu Tsai Neurosciences Institute

HONORS AND AWARDS

- Elected Member, National Academy of Medicine (2024)
- Distinguished alumna speaker, 200th anniversary of the Massachusetts Eye and Ear (2024)
- Honors Award for meritorious service and leadership, American Academy of Otolaryngology - Head and Neck Surgery (2023)
- David E. Schuller, MD Lecturer, The Ohio State University College of Medicine (2023)
- Featured distinguished alumna, 150th anniversary of the Harvard Griffin Graduate School of Arts and Sciences (2023)
- Senator, Faculty Senate of the Academic Council, Stanford University (2023-current)
- Dr. Iee Ching Wu Anderson Women’s Leadership Lecture, Johns Hopkins University (2022)
- H. Brian Neel, III, MD, PhD Distinguished Research Lecture, American Academy of Otolaryngology Head and Neck Surgery (2022)
- Strategic planning panel, NIDCD (2021)
- Dr. John Niparko Memorial Lecture, American Cochlear Implant Alliance (2021)
- Temporal Bone Experts Group, NIH – National Institute on Deafness and Other Communication Disorders (2020-2021)
- Blue Ribbon Panel as an external reviewer, National Institute on Deafness and Other Communication Disorder (NIDCD)’s intramural program (2020)
- Co-chair, Workshop on Visualizing the Human Inner Ear, NIH – National Institute on Deafness and Other Communication Disorders (2019)
- Guest of Honor Lecture, American Otological Society (2018)
- Distinguished alumna talk, MIT Technology Day (2018)
- Sheldon and Dorothea Buckler Chair in Otolaryngology, Massachusetts Eye and Ear (2017-2021)

- Chandler Visiting Professor and Distinguished Guest Judge,, University of Miami Miller School of Medicine (2016)
- Howard P. House, MD Memorial Lecture for Advances in Otology, American Academy of Otolaryngology – Head and Neck Surgery (2015)
- Benjamins Prize for Research, Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum
- Neurofibromatosis Research Program (NFRP) Featured Investigator, Department of Defense
- Elected Member, American Otological Society
- Thomas A. McMahon Mentoring Award, Harvard-MIT Division of Health Sciences and Technology
- President, American Auditory Society
- Fellow, American Neurotology Society
- Fellow, American College of Surgeons
- Burt Evans Young Investigator Award, National Organization for Hearing Research
- Henry Asbury Christian Award for Outstanding Research and Scholarly Activities, Harvard Medical School
- Award for Highest Degree of Academic Excellence and Professional Promise, Association of MIT Alumnae (AMITA)
- Elected Member, Phi Beta Kappa, Sigma Xi, Sigma Pi Sigma, Alpha Omega Alpha Honor Societies

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Board Member, Stanford Medicine Partners (2024 - present)
- Ambulatory Network Governance, Stanford Healthcare (2023 - present)
- Board of Trustees, The Virginia Merrill Bloedel Hearing Research Center, University of Washington (2023 - present)
- Scientific Advisory Board, Dr. Richard J. Bellucci Translational Hearing Center, Creighton University (2023 - present)
- Chair, AI Task Force, American Academy of Otolaryngology - Head and Neck Surgery (2023 - 2024)
- Executive Board, Politzer Society, International Society for Otologic Surgery and Science (2022 - present)
- Honorary Corresponding Member, Germany Society of Otorhinolaryngology Head and Neck Surgery (2021 - present)
- Senior Advisory Committee, Wu Tsai Neurosciences Institute, Stanford University (2021 - present)
- International Advisory Board, Interdisciplinary graduate school "Controlled release to the head and neck region - HeadCoRe” (funded by German Research Foundation), University of Halle, Germany (2019 - present)
- Medical Advisory Board, Acoustic Neuroma Association (2019 - present)
- Executive Committee, Harvard Speech and Hearing Bioscience and Technology (SHBT) PhD Program (2019 - 2021)
- Elected Member, Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum (2018 - present)
- External Advisory Committee, Harvard-MIT Division of Health Sciences and Technology (2017 - 2021)
- Elected Member, American Otological Society (2015 - present)
- President, American Auditory Society (2014 - 2014)
- Recombinant DNA Advisory Committee, National Institutes of Health (2013 - 2013)
- Fellow, American Neurotology Society (2012 - present)
- Fellow, American College of Surgeons (2011 - present)

PROFESSIONAL EDUCATION

- Board Certification, American Board of Otolaryngology – Head and Neck Surgery , Otolaryngology – Head and Neck Surgery
- Board Certification, American Board of Neurotology , Neurotology
- Fellowship, Massachusetts Eye and Ear, Harvard Medical School , Clinical Fellowship, Neurotology – Skull Base Surgery
- Fellowship, Howard Hughes Medical Institute and Boston Children’s Hospital , Research Fellowship, Molecular Neuroscience
- Residency, Harvard Medical School , Otolaryngology – Head and Neck Surgery

- Medical Degree, Harvard Medical School and Harvard-MIT Division of Health Sciences and Technology
- Doctor of Philosophy (Ph.D.), MIT and Harvard–-MIT Division of Health Sciences and Technology , Speech and Hearing Bioscience and Technology
- BS, Massachusetts Institute of Technology , Physics
- BS, Massachusetts Institute of Technology , Biology

LINKS

- Department of Otolaryngology - Head and Neck Surgery: https://med.stanford.edu/ohns.html
- Stankovic Research Lab: https://med.stanford.edu/stankovic-lab.html
- Google scholar: https://scholar.google.com/citations?user=0_-hMy8AAAAJ

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

As a practicing surgeon trained in basic science, I have focused on improving diagnostics, prognostics, and therapies for sensorineural hearing loss by identifying and overcoming the barriers to hearing restoration. Sensorineural hearing loss is a leading sensory deficit worldwide and the most common congenital anomaly, yet effective cures do not yet exist. Hearing loss is physically and emotionally costly to individuals, and economically costly to society, as it has been linked to social isolation, cognitive dysfunction, and an increased risk for depression and dementia. By 2050, it is projected that 2.5 billion people will be affected by hearing loss globally.

Our overarching goal is to leverage existing technologies and develop new methods for precisely diagnosing and treating inner ear disorders. Our approach exploits the cochlea’s unique chemical, electrical, and cellular microenvironment. I have been dedicated to the hearing field since my undergraduate studies. With my training in physics, molecular biology, auditory neuroscience, systems electrophysiology, and otologic surgery, we employ a collaborative, cross-disciplinary approach to address the unmet needs of those with hearing loss. To overcome the inherent challenges posed by the inner ear's small size and intricate three-dimensional structure, our approach is informed by clinical insights and bolstered by collaborations with international leaders of technology development, including ultra-low power electronics and nonlinear optics.

CLINICAL TRIALS

- Study of Aspirin in Patients With Vestibular Schwannoma, Recruiting

Teaching

STANFORD ADVISEES

Postdoctoral Faculty Sponsor

Nathaniel Carpena, Masatoshi Fukuda, Sophie Jang, Hiroaki Mori

Publications

PUBLICATIONS

- **Refined circular autopsy saw design and standardized technique for postmortem human temporal bone procurement and perilymph collection.** *Frontiers in neuroscience*
  Jang, S. S., Torres, S. E., Batts, S., Stankovic, K. M.
  2026; 20: 1893053
- **High resolution, contrast-enhanced X-ray microscopy of the ex vivo human cochlea: technical feasibility and biometric case analysis.** *Frontiers in neuroscience*
  Jang, S. S., Malhotra, C., McInturff, S., Batts, S., Stankovic, K. M.

2026; 20: 1838204

- **Beta-2 Transferrin May Not Be Specific for Presence of Cerebrospinal Fluid in Middle Ear Fluid.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Thai, A., Vasilijic, S., Moore, L. S., Kullar, P. J., Lee, J. Y., Cheng, A. G., Sidell, D. R., Kim, G. S., Valdez, T. A., Chang, K. W., Ahmad, I. N., Balakrishnan, K., Stankovic, et al
  2026

- **Engineering of functional auditory neurons from human induced pluripotent stem cells** *MILITARY MEDICAL RESEARCH*
  Jeong, M., Vattino, L. G., Djurisic, M., Rose, K. P., Hyakusoku, H., Spasic, S., Ma, X., Mohri, H., Hertzano, R., Takesian, A. E., Stankovic, K. M.
  2025; 13 (1)

- **Engineering of functional auditory neurons from human induced pluripotent stem cells.** *Military Medical Research*
  Jeong, M., Vattino, L. G., Djurisic, M., Rose, K. P., Hyakusoku, H., Spasic, S., Ma, X. J., Mohri, H., Hertzano, R., Takesian, A. E., Stankovic, K. M.
  2026; 13 (1): 100008

- **A plasma metabolomic fingerprint of moderate or severe hearing loss.** *Metabolomics : Official journal of the Metabolomic Society*
  Li, Y., Balasubramanian, R., Welling, D. B., Stankovic, K. M., Zeleznik, O. A., Curhan, G., Curhan, S.
  2026; 22 (2)

- **NKG2D upregulation sensitizes tumors to combined anti-PD1 and anti-VEGF therapy and prevents hearing loss.** *Nature communications*
  Lu, S., Yin, Z., Wu, L., Sun, Y., Chen, J., Wu, L. M., Oblinger, J. L., Blake, D. C., Xiu, B., Landegger, L. D., Seist, R., Ho, W., Jones, et al
  2026; 17 (1): 1148

- **Genetic Diagnosis and Discovery Enabled by Large Language Models.** *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*
  Tu, T., Saab, K., Liu, W., Fang, Z., Cheng, Z., Spasic, S., Djurisic, M., Mohri, H., Ren, W., Palepu, A., Gottweis, J., Karthikesalingam, A., Kulkarni, et al
  2026: e18656

- **The State of Female Surgeon-Scientists in Otolaryngology: Head and Neck Surgery.** *Journal of the American College of Surgeons*
  Kosaraju, N., Keating, D. P., Ma, Y., Kim, G. S., Stankovic, K. M., Moore, L. S.
  2026

- **Multimodal biomarker landscape in vestibular schwannoma.** *Current opinion in neurology*
  Vasilijic, S., Moore, L. S., Stankovic, K. M.
  2026; 39 (1): 72-82

- **A cochlea-sparing strategy for non-invasive control of intracranial schwannomas via peripheral irradiation and anti-PD-1 therapy enhanced by STING activation.** *Theranostics*
  Yin, Z., Lu, S., Wu, L., Sun, Y., Blake, D. C., Chen, J., Landegger, L. D., Ho, W., Xiu, B., Jones, A. P., Muzikansky, A., Shih, H. A., Stankovic, et al
  2026; 16 (8): 4076-4089

- **Establishment of a human inner ear model reveals that gentamicin C2b is substantially less ototoxic than clinical gentamicin.** *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*
  Jeong, M., Mohri, H., Han, D., Sakagami, M., Stankovic, K. M.
  2026; 194: 118915

- **Proteomic Analysis Identifies Novel Plasma Biomarkers in Patients With Vestibular Schwannoma.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Nguyen, H. T., Kuo, H., Vasilijic, S., Giordano, G., Libermann, T., Stankovic, K. M., Ren, Y.
  2025

- **Comparison of the rates of emergent otologic adverse events following mRNA COVID-19 versus influenza vaccination: a matched cohort analysis.** *Frontiers in neurology*
  Munjal, T., Batts, S., Gombar, S., Stankovic, K. M.
  2025; 16: 1637870

- **Amplifying Endoplasmic Reticulum Stress With Adenosine Triphosphate-Coated Gold Nanoclusters: A Promising Approach for the Treatment of Vestibular Schwannoma.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Kullar, P. J., Bekale, L. A., Chen, J., Duggaraju, R., Tun, Z. M., Parr, F., Hedrick, M. L., Schiel, V., Vasilijic, S., Stankovic, K. M., Santa Maria, P. L.

2025; 46 (7): e269-e277

- **Correction: Immune profiling of human vestibular schwannoma secretions identifies TNF-alpha and TWEAK as cytokines with synergistic potential to impair hearing.** *Journal of neuroinflammation*
  Vasilijic, S., Seist, R., Yin, Z., Xu, L., Stankovic, K. M.
  2025; 22 (1): 196
- **Editorial: Pathobiological defects in sensorineural hearing loss: from identification to rescue.** *Frontiers in molecular neuroscience*
  Bernardinelli, E., Astolfi, L., Stankovic, K. M.
  2025; 18: 1654457
- **Clinical trials in otology and neurotology: state of the science.** *Frontiers in neurology*
  Moore, L. S., Sagi, V., Stankovic, K. M.
  2025; 16: 1598789
- **The State of High-Resolution Imaging of the Human Inner Ear: A Look Into the Black Box.** *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*
  Batts, S., Pham, N., Tearney, G., Stankovic, K. M.
  2025: e00556
- **Scoping review of deep learning research illuminates artificial intelligence chasm in otolaryngology-head and neck surgery.** *NPJ digital medicine*
  Liu, G. S., Fereydooni, S., Lee, M. C., Polkampally, S., Huynh, J., Kuchibhotla, S., Shah, M. M., Ayoub, N. F., Capasso, R., Chang, M. T., Doyle, P. C., Holsinger, F. C., Patel, et al
  2025; 8 (1): 265
- **Why Consider Aspirin for the Treatment of Vestibular Schwannoma? A Brief Review and Randomized, Double-Blind, Placebo-Controlled Study Proposal.** *Laryngoscope investigative otolaryngology*
  Welling, D. B., Neff, B. A., Telischi, F. F., Patel, N., Stankovic, K. M.
  2025; 10 (2): e70121
- **Editorial: Third window syndrome, volume II.** *Frontiers in neurology*
  Wackym, P. A., Balaban, C. D., Stankovic, K. M., Ikezono, T., Mowery, T. M.
  2025; 16: 1554737
- **Immune profiling of human vestibular schwannoma secretions identifies TNF-α and TWEAK as cytokines with synergistic potential to impair hearing.** *Journal of neuroinflammation*
  Vasilijic, S., Seist, R., Yin, Z., Xu, L., Stankovic, K. M.
  2025; 22 (1): 35
- **NF2 is Essential for Human Endoderm Development.** *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*
  Jeong, M., Han, D., Bhetariya, P., Welling, D. B., Stojkovic, M., Stankovic, K. M.
  2025: e2410909
- **Angiotensin-Receptor Blockers Prevent Vestibular Schwannoma-Associated Hearing Loss** *OTOLOGY & NEUROTOLOGY*
  Early, S., Brown, A., Xu, L., Stankovic, K. M.
  2025; 46 (2): 183-189
- **American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS) Report on Artificial Intelligence.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Ayoub, N. F., Rameau, A., Brenner, M. J., Bur, A. M., Ator, G. A., Briggs, S. E., Takashima, M., Stankovic, K. M.
  2024
- **An In Vitro Oxidative Stress Model of the Human Inner Ear Using Human-Induced Pluripotent Stem Cell-Derived Otic Progenitor Cells.** *Antioxidants (Basel, Switzerland)*
  Jeong, M., Kurihara, S., Stankovic, K. M.
  2024; 13 (11)
- **Dynamic micro-optical coherence tomography enables structural and metabolic imaging of the mammalian cochlea.** *Frontiers in molecular neuroscience*
  Schulz-Hildebrandt, H., Spasic, S., Hou, F., Ting, K. C., Batts, S., Tearney, G., Stankovic, K. M.

2024; 17: 1436837

- **Human otic progenitor cell models of congenital hearing loss reveal potential pathophysiologic mechanisms of Zika virus and cytomegalovirus infections.** *mBio*
  Harding, A. T., Ocwieja, K., Jeong, M., Zhang, Y., Leger, V., Jhala, N., Stankovic, K. M., Gehrke, L.
  2024: e0019924
- **Correction: Natarajan et al. Noise-Induced Hearing Loss. J. Clin. Med. 2023, 12, 2347.** *Journal of clinical medicine*
  Natarajan, N., Batts, S., Stankovic, K. M.
  2024; 13 (4)
- **Surgical Considerations in Inner Ear Gene Therapy from Human Temporal Bone Anatomy.** *The Laryngoscope*
  Brown, A., Zhu, M., Rohani, A., Ladak, H., Agrawal, S. K., Stankovic, K. M., Welling, D. B.
  2024
- **Tinnitus prevalence, associated characteristics, and related healthcare use in the United States: a population-level analysis.** *Lancet regional health. Americas*
  Batts, S., Stankovic, K. M.
  2024; 29: 100659
- **Genetic Discovery Enabled by A Large Language Model.** *bioRxiv : the preprint server for biology*
  Tu, T., Fang, Z., Cheng, Z., Spasic, S., Palepu, A., Stankovic, K. M., Natarajan, V., Peltz, G.
  2023
- **Identification of immune-related candidate biomarkers in plasma of patients with sporadic vestibular schwannoma.** *Science advances*
  Vasilijic, S., Atai, N. A., Hyakusoku, H., Worthington, S., Ren, Y., Sagers, J. E., Sahin, M. I., Brown, A., Reddy, R., Malhotra, C., Fujita, T., Landegger, L. D., Lewis, et al
  2023; 9 (45): eadf7295
- **Promoting Surgeon-Scientists in Otolaryngology-Head and Neck Surgery-From Bench to Bedside.** *JAMA otolaryngology-- head & neck surgery*
  Kosaraju, N., Keating, D. P., Kim, G. S., Moore, L. S., Stankovic, K. M.
  2023
- **Current and Emerging Therapies for Chronic Subjective Tinnitus.** *Journal of clinical medicine*
  Park, K. W., Kullar, P., Malhotra, C., Stankovic, K. M.
  2023; 12 (20)
- **Immune Profiling of Secreted Factors from Human Vestibular Schwannoma Cells and Tumor-associated Macrophages.** *The Laryngoscope*
  Stankovic, K. M., Batts, S., Welling, D. B., Vasilijic, S.
  2023
- **Potential Ototoxicity of Insulin-like Growth Factor 1 Receptor Signaling Inhibitors: An In Silico Drug Repurposing Study of the Regenerating Cochlear Neuron Transcriptome.** *Journal of clinical medicine*
  Bertagnoli, L. E., Seist, R., Batts, S., Stankovic, K. M.
  2023; 12 (10)
- **The Future of Vestibular Schwannoma Management.** *Otolaryngologic clinics of North America*
  Moore, L. S., Stankovic, K. M.
  2023
- **Comparative Transcriptomic Analysis of Archival Human Vestibular Schwannoma Tissue from Patients with and without Tinnitus.** *Journal of clinical medicine*
  Bommakanti, K., Seist, R., Kukutla, P., Cetinbas, M., Batts, S., Sadreyev, R. I., Stemmer-Rachamimov, A., Brenner, G. J., Stankovic, K. M.
  2023; 12 (7)
- **Noise-Induced Hearing Loss.** *Journal of clinical medicine*
  Natarajan, N., Batts, S., Stankovic, K. M.
  2023; 12 (6)
- **Association of Plasma Metabolomic Biomarkers With Persistent Tinnitus: A Population-Based Case-Control Study.** *JAMA otolaryngology-- head & neck surgery*

Zeleznik, O. A., Welling, D. B., Stankovic, K., Frueh, L., Balasubramanian, R., Curhan, G. C., Curhan, S. G.
2023

- **Associations of Tinnitus Incidence with Use of Tumor Necrosis Factor-Alpha Inhibitors among Patients with Autoimmune Conditions.** *Journal of clinical medicine*
  Natarajan, N., Batts, S., Gombar, S., Manickam, R., Sagi, V., Curhan, S. G., Stankovic, K. M.
  2023; 12 (5)
- **Genome-wide screen of otosclerosis in population biobanks: 27 loci and shared associations with skeletal structure.** *Nature communications*
  Ramo, J. T., Kiiskinen, T., Seist, R., Krebs, K., Kanai, M., Karjalainen, J., Kurki, M., Hamalainen, E., Happola, P., Havulinna, A. S., Hautakangas, H., FinnGen, Magi, R., et al
  2023; 14 (1): 157
- **Mortui vivos docent: a modern revival of temporal bone plug harvests.** *Frontiers in neuroscience*
  Sagi, V., Kosaraju, N., Moore, L. S., Mulders, J. Y., Solyali, M., Ma, X., Regula, D. P., Hooper, J. E., Stankovic, K. M.
  2023; 17: 1242831
- **miR-431 secreted by human vestibular schwannomas increases the mammalian inner ear's vulnerability to noise trauma.** *Frontiers in neurology*
  Fujita, T., Seist, R., Kao, S., Soares, V., Panano, L., Khetani, R. S., Landegger, L. D., Batts, S., Stankovic, K. M.
  2023; 14: 1268359
- **Polystyrene nanoplastics affect transcriptomic and epigenomic signatures of human fibroblasts and derived induced pluripotent stem cells: Implications for human health.** *Environmental pollution (Barking, Essex : 1987)*
  Stojkovic, M., Ortuño Guzmán, F. M., Han, D., Stojkovic, P., Dopazo, J., Stankovic, K. M.
  2022: 120849
- **A fluorescent photoimmunoconjugate for imaging of cholesteatoma.** *Scientific reports*
  Early, S., Saad, M. A., Mallidi, S., Mansour, A., Seist, R., Hasan, T., Stankovic, K. M.
  2022; 12 (1): 19905
- **Toward Personalized Diagnosis and Therapy for Hearing Loss: Insights From Cochlear Implants.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Sagi, V., Stankovic, K. M.
  2022; 43 (8): e903-e909
- **Association of Stapedotomy Volume and Patient Sex With Better Outcome.** *JAMA otolaryngology-- head & neck surgery*
  Cahill, G., Wang, A. A., Lee, K., Sakagami, M., Welling, D. B., Stankovic, K. M.
  2022
- **Magnetic stimulation allows focal activation of the mouse cochlea.** *eLife*
  Lee, J. I., Seist, R., McInturff, S., Lee, D. J., Brown, M. C., Stankovic, K. M., Fried, S.
  2022; 11
- **Celastrol suppresses the growth of vestibular schwannoma in mice by promoting the degradation of beta-catenin.** *Acta pharmacologica Sinica*
  Kim, N. H., Kwon, M., Jung, J., Chae, H. B., Lee, J., Yoon, Y., Moon, I. S., Lee, H. K., Namkung, W., Stankovic, K. M., Lee, S. A., Lee, J. D., Park, et al
  2022
- **Infectious Complications Following Cochlear Implant: Risk Factors, Natural History, and Management Patterns.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Moon, P. K., Qian, Z. J., Ahmad, I. N., Stankovic, K. M., Chang, K. W., Cheng, A. G.
  2022: 1945998221082530
- **Human vestibular schwannoma reduces density of auditory nerve fibers in the osseous spiral lamina.** *Hearing research*
  Eggink, M. C., Frijns, J. H., Sagers, J. E., O'Malley, J. T., Liberman, M. C., Stankovic, K. M.
  2022; 418: 108458
- **Imbalance and dizziness caused by unilateral vestibular schwannomas correlate with vestibulo-ocular reflex precision and bias** *J Neurophysiol .*

King, S., Dahlem , K., Karmali , F., Stankovic, K. M., Welling, D. B., Lewis, R. F.
2022; 127 (2): 596-606

- **Sporadic Vestibular Schwannoma Size and Location Do not Correlate With the Severity of Hearing Loss at Initial Presentation.** *Frontiers in oncology*
  Brown, A., Early, S., Vasilijic, S., Stankovic, K. M.
  2022; 12: 836504
- **Choice of vector and surgical approach enables efficient cochlear gene transfer in nonhuman primate.** *Nature communications*
  Andres-Mateos, E., Landegger, L. D., Unzu, C., Phillips, J., Lin, B. M., Dewyer, N. A., Sanmiguel, J., Nicolaou, F., Valero, M. D., Bourdeu, K. I., Sewell, W. F., Beiler, R. J., McKenna, et al
  2022; 13 (1): 1359
- **Reversible contrast enhancement for visualization of human temporal bones using micro computed tomography.** *Frontiers in surgery*
  Bommakanti, K. K., Iyer, J. S., Sagi, V., Brown, A., Ma, X., Gonzales, M., Stankovic, K. M.
  2022; 9: 952348
- **Accelerated Long-Term Hearing Loss Progression After Recovery From Idiopathic Sudden Sensorineural Hearing Loss** *FRONTIERS IN NEUROLOGY*
  Early, S., van der Valk, J. C., Frijns, J. H. M., Stankovic, K. M.
  2021; 12: 738942
- **Editorial: Emerging Ototoxic Medications and Their Role in Cochlear and Vestibular Disorders.** *Frontiers in neurology*
  Szczepek, A. J., Stankovic, K. M.
  2021; 12: 773714
- **Implementation of Mobile Audiometry During the COVID-19 Pandemic** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*
  Garcia, A., Chari, D. A., Stankovic, K. M., Lee, D. J., Kozin, E. D., Franck, K. H.
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