Stanford



Lukas D. Landegger

Clinical Instructor, Otolaryngology (Head and Neck Surgery)

CLINICAL OFFICE (PRIMARY)

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Bio

BIO

Dr. Landegger is a fellowship-trained clinician-scientist in otology, neurotology, and lateral skull base surgery and Instructor at Stanford University School of Medicine. After gaining clinical as well as research experience in various countries (US, UK, France, Spain, Germany, Singapore, Australia), he specialized in otology with translational hearing research in Vienna, Austria and for five years in Boston (Mass Eye and Ear, Harvard Medical School), leading to a PhD in Neuroscience. Apart from clinical projects, current basic research foci are funded by a grant obtained from the American Society of Gene & Cell Therapy and include inner ear gene therapy, vestibular schwannoma, noise-induced hearing loss, and others.

CLINICAL FOCUS

- Neurotology

ACADEMIC APPOINTMENTS

- Clinical Instructor, Otolaryngology (Head and Neck Surgery)

HONORS AND AWARDS

- Fellow Teacher of the Year 2025-2026, Stanford Otolaryngology – Head & Neck Surgery (June 2026)
- Research Prize Tinnitus and Hearing 2022, Foundation Tinnitus and Hearing Charité (Berlin, Germany) (December 2022)
- Science Award of the Society, Austrian Society of Oto-Rhino-Laryngology – Head and Neck Surgery (September 2020)
- Wilhelm Auerswald Prize, College of Physicians in Vienna (June 2018)
- Poster Session Award, Austrian Marshall Plan Foundation (October 2017)
- Hansaton Science Award, Austrian Society of Oto-Rhino-Laryngology – Head and Neck Surgery (September 2016)
- Meritorious Abstract Travel Award, American Society of Gene and Cell Therapy (May 2016)
- Heinz Kurz Poster Prize (3x), Austrian Society of Oto-Rhino-Laryngology – Head and Neck Surgery (September 2015, September 2016, October 2018)
- Travel grant, Association for Research in Otolaryngology (February 2015)
- Travel grant and Junior Poster Prize, European Academy of Allergy and Clinical Immunology (June 2012)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Editorial Board Member, Molecular Therapy - Methods and Clinical Development (2023 - 2025)
- Member Resident, American Academy of Otolaryngology-Head and Neck Surgery (2020 - present)
- International Member, German Society of Oto-Rhino-Laryngology, Head and Neck Surgery (2018 - present)
- Trainee Member, American Neurotology Society (2016 - present)
- Member, International Otopathology Society (Schuknecht Society) (2016 - present)
- Associate Member, American Society of Gene and Cell Therapy (2016 - present)
- Member, Austrian Society of Oto-Rhino-Laryngology – Head and Neck Surgery (2015 - present)
- ARO International Committee Chair 2021/2022, ARO Membership Committee Chair 2022-2024, Association for Research in Otolaryngology (2013 - present)

PROFESSIONAL EDUCATION

- Fellowship, Stanford University School of Medicine, CA , Neurotology and Skull Base Surgery (2026)
- MBA, Vienna University of Economics and Business Executive Academy, Austria , Health Care Management (2024)
- Board Certification, Austrian Medical Chamber , Otolaryngology (2023)
- Residency, Vienna General Hospital, Medical University of Vienna, Austria , Otolaryngology – Head and Neck Surgery (2023)
- PhD, Medical University of Vienna, Austria , (Clinical) Neuroscience (2018)
- Research Fellowship (Postdoc), Mass Eye and Ear, Harvard Medical School, MA , Hearing/inner ear research (2018)
- MD, Medical University of Innsbruck, Austria (2011)

Publications

PUBLICATIONS

- **Prevention in otology-the key to lifelong hearing health.** *HNO*
  Krumpoeck, P. E., Landegger, L. D.
  2026
- **Multicenter Natural History Study and Long-Term Cochlear Implant Outcomes in Usher Syndrome Subtypes.** *Ear and hearing*
  Krumpoeck, P. E., Gadenstaetter, A. J., Uehara, N., Fujita, T., Giarbini, N., Pawloff, M., Ritter, M., Landegger, A., Parzefall, T., Riss, D., Baumgartner, W. D., Gstoettner, W., Arnoldner, et al
  2026
- **Intermediate filaments link glutamate-aspartate transporter deficiency to cochlear synaptopathy.** *The FEBS journal*
  Krumpoeck, P. E., Landegger, L. D.
  2026
- **[Prevention in otology-the key to lifelong hearing health].** *HNO*
  Krumpoeck, P. E., Landegger, L. D.
  2026
- **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
- **Prospective MR Evaluation of Endolymphatic Hydrops Using Half-dose Gadopiclenol.** *AJNR. American journal of neuroradiology*
  Christodoulou, R., Fischbein, N., Blevins, N., Malik, S., Landegger, L. D., Fu, F., Pham, N.
  2026
- **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

- **Prospective MR Evaluation of Endolymphatic Hydrops at Multiple Flip Angles Using Single-Dose Gadolinium Contrast.** *AJNR. American journal of neuroradiology*
  Pham, N., Kullar, P., Fischbein, N., Malik, S., Landegger, L. D., Fu, F., Blevins, N.
  2025
- **International expert consensus on gene therapy for hereditary hearing loss: Based on clinical trials.** *Med (New York, N.Y.)*
  Fan, X., Gao, Z., Zhong, J., Chen, Y., Chen, X., Landegger, L. D., Moser, T., Zeng, F. G., Sun, Y., Jin, X., Nash, R., Chien, W. W., Jiang, et al
  2025: 100886
- **Novel AAV-based GJB2 gene therapy restores hearing function.** *Molecular therapy : the journal of the American Society of Gene Therapy*
  Landegger, L. D.
  2025
- **Large animal model for human inner ear gene therapy: Transgene expression of viral vectors in pigs**
  Yildiz, E., Niisuke, K., Buschhorn, T., Sesztak, C., Gerlitz, M., Gadenstaetter, A., Honeder, C., Arnoldner, C., Landegger, L.
  CELL PRESS.2025
- **Analgesia After Vestibular Schwannoma Surgery in Europe-Potential for Reduction of Postoperative Opioid Usage.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Gerlitz, M., Yildiz, E., Dahm, V., Herta, J., Matula, C., Roessler, K., Arnoldner, C., Landegger, L. D.
  2025; 46 (1): e34-e40
- **Inner Ear Gene Therapy: An Overview from Bench to Bedside.** *Molecular diagnosis & therapy*
  Gadenstaetter, A. J., Krumpoeck, P. E., Landegger, L. D.
  2024
- **The Rise of Cochlear Gene Therapy.** *Molecular therapy : the journal of the American Society of Gene Therapy*
  Landegger, L. D., Reisinger, E., Lallemend, F., Hage, S. R., Grimm, D., Cederroth, C. R.
  2024
- **A MAUDE database analysis on the new generation of active bone conduction hearing implants.** *Laryngoscope investigative otolaryngology*
  Lein, A., Baumgartner, W. D., Landegger, L. D., Riss, D., Thurner, T., Liu, D. T., Kosec, A., Vyskocil, E., Brkic, F. F.
  2024; 9 (5): e70010
- **A preoperative dose of the pyridoindole AC102 improves the recovery of residual hearing in a gerbil animal model of cochlear implantation.** *Cell death & disease*
  Nieratschker, M., Yildiz, E., Gerlitz, M., Bera, S., Gadenstaetter, A. J., Kramer, A. M., Kwiatkowska, M., Mistrik, P., Landegger, L. D., Braun, S., Schlingensiepen, R., Honeder, C., Arnoldner, et al
  2024; 15 (7): 531
- **Prestin in Human Perilymph, Cerebrospinal Fluid, and Blood as a Biomarker for Hearing Loss.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Gadenstaetter, A. J., Krumpoeck, P. E., Auinger, A. B., Yildiz, E., Tu, A., Matula, C., Arnoldner, C., Landegger, L. D.
  2024
- **Insertion trauma of a novel inner ear catheter for intracochlear drug delivery.** *Frontiers in veterinary science*
  Gerlitz, M., Yildiz, E., Gadenstaetter, A. J., Niisuke, K., Kandathil, S. A., Nieratschker, M., Landegger, L. D., Honeder, C., Arnoldner, C.
  2024; 11: 1397554
- **Large-scale annotated dataset for cochlear hair cell detection and classification.** *Scientific data*
  Buswinka, C. J., Rosenberg, D. B., Simikyan, R. G., Osgood, R. T., Fernandez, K., Nitta, H., Hayashi, Y., Liberman, L. W., Nguyen, E., Yildiz, E., Kim, J., Jarysta, A., Renauld, et al
  2024; 11 (1): 416
- **Early Results With the New Active Bone-Conduction Hearing Implant: A Systematic Review and Meta-Analysis.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Lein, A., Baumgartner, W. D., Riss, D., Gstöttner, W., Landegger, L. D., Liu, D. T., Thurner, T., Vyskocil, E., Brkic, F. F.
  2024

- **First use of adeno-associated viruses in the human inner ear.** *Molecular therapy. Methods & clinical development*
  Landegger, L. D.
  2024; 32 (1): 101197

- **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

- **Large-scale annotated dataset for cochlear hair cell detection and classification.** *bioRxiv : the preprint server for biology*
  Buswinka, C. J., Rosenberg, D. B., Simikyan, R. G., Osgood, R. T., Fernandez, K., Nitta, H., Hayashi, Y., Liberman, L. W., Nguyen, E., Yildiz, E., Kim, J., Jarysta, A., Renauld, et al
  2023

- **Dupilumab reduces symptom burden in allergic rhinitis and suppresses allergen-specific IgE production.** *Allergy*
  Campion, N. J., Doralt, A., Lupinek, C., Berger, M., Poglitsch, K., Brugger, J., Quint, T., Gangl, K., Sinz, C., Bartosik, T., Liu, D. T., Landegger, L. D., Tu, et al
  2023; 78 (6): 1687-1691

- **Patient Acceptance of Novel Therapeutic Options for Sensorineural Hearing Loss-A Pilot Study.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Lembacher, M. J., Arnoldner, C., Landegger, L. D.
  2023; 44 (4): e204-e210

- **Investigation of inner ear drug delivery with a cochlear catheter in piglets as a representative model for human cochlear pharmacokinetics.** *Frontiers in pharmacology*
  Yildiz, E., Gadenstaetter, A. J., Gerlitz, M., Landegger, L. D., Liepins, R., Nieratschker, M., Glueckert, R., Staecker, H., Honeder, C., Arnoldner, C.
  2023; 14: 1062379

- **Dupilumab increases aspirin tolerance in NSAID-exacerbated respiratory disease.** *The European respiratory journal*
  Schneider, S., Poglitsch, K., Morgenstern, C., Quint, T., Gangl, K., Sinz, C., Bartosik, T., Campion, N. J., Liu, D. T., Landegger, L. D., Tu, A., Stanek, V., Rocha-Hasler, et al
  2023; 61 (3)

- **Identification of Immune-Related Candidate Biomarkers in Plasma of Patients with Sporadic Vestibular Schwannoma: Candidate Plasma Biomarkers in Vestibular Schwannoma.** *bioRxiv : the preprint server for biology*
  Vasilijic, S., Atai, N. A., Hyakusoku, H., Worthington, S., Ren, Y., Sagers, J. E., Sahin, M. I., Fujita, T., Landegger, L. D., Lewis, R., Welling, D. B., Stankovic, K. M.
  2023

- **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

- **Single-incision cochlear implantation and hearing evaluation in piglets and minipigs.** *Hearing research*
  Yildiz, E., Gerlitz, M., Gadenstaetter, A. J., Landegger, L. D., Nieratschker, M., Schum, D., Schmied, M., Haase, A., Kanz, F., Kramer, A. M., Glueckert, R., Staecker, H., Honeder, et al
  2022; 426: 108644

- **Intranasal application of adeno-associated viruses: a systematic review.** *Translational research : the journal of laboratory and clinical medicine*
  Gadenstaetter, A. J., Schmutzler, L., Grimm, D., Landegger, L. D.
  2022; 248: 87-110

- **Editorial: Otologic Trauma, Pathology, and Therapy.** *Frontiers in cellular neuroscience*
  Landegger, L. D., Fujita, T., Jan, T. A., Varela-Nieto, I.
  2022; 16: 900074

- **Tuberculous Abscesses in the Head and Neck Region.** *Diagnostics (Basel, Switzerland)*
  Landegger, L. D.
  2022; 12 (3)

- **Temporal fluctuations of post-tonsillectomy haemorrhage.** *European archives of oto-rhino-laryngology : official journal of the European Federation of Oto-Rhino-Laryngological Societies (EUFOS) : affiliated with the German Society for Oto-Rhino-Laryngology - Head and Neck Surgery*
  Grasl, S., Mekhail, P., Janik, S., Grasl, C. M., Vyskocil, E., Erovic, B. M., Arnoldner, C., Landegger, L. D.
  2022; 279 (3): 1601-1607

- **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

- **Breaking the sound barrier: Towards next-generation AAV vectors for gene therapy of hearing disorders.** *Hearing research*
  Fakhiri, J., Landegger, L. D., Grimm, D.
  2022; 413: 108092

- **Losartan prevents tumor-induced hearing loss and augments radiation efficacy in NF2 schwannoma rodent models.** *Science translational medicine*
  Wu, L., Vasilijic, S., Sun, Y., Chen, J., Landegger, L. D., Zhang, Y., Zhou, W., Ren, J., Early, S., Yin, Z., Ho, W. W., Zhang, N., Gao, et al
  2021; 13 (602)

- **Cochlin Deficiency Protects Against Noise-Induced Hearing Loss** *FRONTIERS IN MOLECULAR NEUROSCIENCE*
  Seist, R., Landegger, L. D., Robertson, N. G., Vasilijic, S., Morton, C. C., Stankovic, K. M.
  2021; 14: 670013

- **Postnatal expression and possible function of RANK and RANKL in the murine inner ear** *BONE*
  Kao, S., Katsumi, S., Han, D., Bizaki-Vallaskangas, A. J., Vasilijic, S., Landegger, L. D., Kristiansen, A. G., McKenna, M. J., Stankovic, K. M.
  2021; 145: 115837

- **Overcoming Operator-Generated False-Negative Results in SARS-CoV-2 Testing.** *JAMA otolaryngology-- head & neck surgery*
  Landegger, L. D.
  2021; 147 (4): 403

- **Nasopharyngeal versus nasal swabs for detection of SARS-CoV-2: a systematic review** *RHINOLOGY*
  Gadenstaetter, A. J., Mayer, C. D., Landegger, L. D.
  2021; 59 (5): 410-+

- **Simultaneous Vestibular Schwannoma Resection and Cochlear Implantation Using Electrically Evoked Auditory Brainstem Response Audiometry for Decision-making.** *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*
  Dahm, V., Auinger, A. B., Honeder, C., Riss, D., Landegger, L. D., Moser, G., Matula, C., Arnoldner, C.
  2020; 41 (9): 1266-1273

- **MMP-14 (MT1-MMP) Is a Biomarker of Surgical Outcome and a Potential Mediator of Hearing Loss in Patients With Vestibular Schwannomas.** *Frontiers in cellular neuroscience*
  Ren, Y., Hyakusoku, H., Sagers, J. E., Landegger, L. D., Welling, D. B., Stankovic, K. M.
  2020; 14: 191

- **Regeneration of Cochlear Synapses by Systemic Administration of a Bisphosphonate** *FRONTIERS IN MOLECULAR NEUROSCIENCE*
  Seist, R., Tong, M., Landegger, L. D., Vasilijic, S., Hyakusoku, H., Katsumi, S., McKenna, C. E., Edge, A. S. B., Stankovic, K. M.
  2020; 13: 87

- **Associations between the Quality of Life and Nasal Polyp Size in Patients Suffering from Chronic Rhinosinusitis without Nasal Polyps, with Nasal Polyps or Aspirin-Exacerbated Respiratory Disease.** *Journal of clinical medicine*
  Schneider, S., Campion, N. J., Villazala-Merino, S., Liu, D. T., Bartosik, T., Landegger, L. D., Ahmadi, N., Mueller, C. A., Vyskocil, E., Stanek, V., Quint, T., Bangert, C., Eckl-Dorna, et al
  2020; 9 (4)

- **Intracochlear Perfusion of Tumor Necrosis Factor-Alpha Induces Sensorineural Hearing Loss and Synaptic Degeneration in Guinea Pigs** *FRONTIERS IN NEUROLOGY*
  Katsumi, S., Sahin, M., Lewis, R. M., Iyer, J. S., Landegger, L. D., Stankovic, K. M.
  2020; 10: 1353

- **Cytokine Levels in Inner Ear Fluid of Young and Aged Mice as Molecular Biomarkers of Noise-Induced Hearing Loss** *FRONTIERS IN NEUROLOGY*
  Landegger, L. D., Vasilijic, S., Fujita, T., Soares, V. Y., Seist, R., Xu, L., Stankovic, K. M.
  2019; 10: 977

- **Gene Therapy for Human Sensorineural Hearing Loss** *FRONTIERS IN CELLULAR NEUROSCIENCE*
  Ren, Y., Landegger, L. D., Stankovic, K. M.
  2019; 13: 323

- **Optimized Surgical Approach Leads to Highly Efficient AAV Gene Transfer to Inner Hair Cells in Rhesus Macaque**
  Andres-Mateos, E., Landegger, L. D., Unzu, C., Phillips, J., Lin, B., Dewyer, N. A., Sanmiguel, J., Nicolaou, F., Valero, M. D., Bourdeu, K. I., Sewell, W. F., Beiler, R. J., Beiler, et al
  CELL PRESS.2019: 318

- **A cerebellopontine angle mouse model for the investigation of tumor biology, hearing, and neurological function in NF2-related vestibular schwannoma.** *Nature protocols*
  Chen, J., Landegger, L. D., Sun, Y., Ren, J., Maimon, N., Wu, L., Ng, M. R., Chen, J. W., Zhang, N., Zhao, Y., Gao, X., Fujita, T., Roberge, et al
  2019; 14 (2): 541-555

- **Computational repositioning and preclinical validation of mifepristone for human vestibular schwannoma (vol 8, 5437, 2018)** *SCIENTIFIC REPORTS*
  Sagers, J. E., Brown, A. S., Vasilijic, S., Lewis, R. M., Sahin, M. I., Landegger, L. D., Perlis, R. H., Kohane, I. S., Welling, D., Patel, C. J., Stankovic, K. M.
  2018; 8: 17449

- **Ancestral Adeno-Associated Virus Vector Delivery of Opsins to Spiral Ganglion Neurons: Implications for Optogenetic Cochlear Implants.** *Molecular therapy : the journal of the American Society of Gene Therapy*
  Duarte, M. J., Kanumuri, V. V., Landegger, L. D., Tarabichi, O., Sinha, S., Meng, X., Hight, A. E., Kozin, E. D., Stankovic, K. M., Brown, M. C., Lee, D. J.
  2018; 26 (8): 1931-1939

- **Computational repositioning and preclinical validation of mifepristone for human vestibular schwannoma** *SCIENTIFIC REPORTS*
  Sagers, J. E., Brown, A. S., Vasilijic, S., Lewis, R. M., Sahin, M. I., Landegger, L. D., Perlis, R. H., Kohane, I. S., Welling, D., Patel, C. J., Stankovic, K. M.
  2018; 8: 5437

- **Targeting the cMET pathway augments radiation response without adverse effect on hearing in NF2 schwannoma models** *PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA*
  Zhao, Y., Liu, P., Zhang, N., Chen, J., Landegger, L. D., Wu, L., Zhao, F., Zhao, Y., Zhang, Y., Zhang, J., Fujita, T., Stemmer-Rachamimov, A., Ferraro, et al
  2018; 115 (9): E2077-E2084

- **Periostin as a Biomarker for Nasal Polyps in Chronic Rhinosinusitis** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*
  Maxfield, A. Z., Landegger, L. D., Brook, C. D., Lehmann, A. E., Campbell, A. P., Bergmark, R. W., Stankovic, K. M., Metson, R.
  2018; 158 (1): 181-186

- **Cochlear Dysfunction is not Common in Human Meningioma of the Internal Auditory Canal** *OTOLOGY & NEUROTOLOGY*
  Landegger, L. D., Lee, J. D., Linthicum, F. H., Stankovic, K. M.
  2017; 38 (10): E486-E489

- **Temporal bone computed tomography findings associated with feasibility of endoscopic ear surgery** *AMERICAN JOURNAL OF OTOLARYNGOLOGY*
  Abdul-Aziz, D., Kozin, E. D., Lin, B. M., Wong, K., Shah, P. V., Remenschneider, A. K., Landegger, L. D., Juliano, A. F., Cohen, M. S., Lee, D. J.
  2017; 38 (6): 698-703

- **Tumor-Penetrating Delivery of siRNA against TNFα to Human Vestibular Schwannomas.** *Scientific reports*
  Ren, Y., Sagers, J. E., Landegger, L. D., Bhatia, S. N., Stankovic, K. M.
  2017; 7 (1): 12922

- **Human Cochlear Histopathology Reflects Clinical Signatures of Primary Neural Degeneration** *SCIENTIFIC REPORTS*
  Sagers, J. E., Landegger, L. D., Worthington, S., Nadol, J. B., Stankovic, K. M.

2017; 7: 4884

- **Neonatal Murine Cochlear Explant Technique as an In Vitro Screening Tool in Hearing Research.** *Journal of visualized experiments : JoVE*
  Landegger, L. D., Dilwali, S., Stankovic, K. M.
  2017
- **A Unified Methodological Framework for Vestibular Schwannoma Research** *JOVE-JOURNAL OF VISUALIZED EXPERIMENTS*
  Landegger, L. D., Sagers, J. E., Dilwali, S., Fujita, T., Sahin, M. I., Stankovic, K. M.
  2017
- **A synthetic AAV vector enables safe and efficient gene transfer to the mammalian inner ear** *NATURE BIOTECHNOLOGY*
  Landegger, L. D., Pan, B., Askew, C., Wassmer, S. J., Gluck, S. D., Galvin, A., Taylor, R., Forge, A., Stankovic, K. M., Holt, J. R., Vandenberghe, L. H.
  2017; 35 (3): 280-+
- **Relationship between Surgically Treated Superior Canal Dehiscence Syndrome and Body Mass Index.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Jan, T. A., Cheng, Y. S., Landegger, L. D., Lin, B. M., Srikanth, P., Niesten, M. E., Lee, D. J.
  2017: 194599816686563-?
- **Effects of sustained release dexamethasone hydrogels in hearing preservation cochlear implantation.** *Hearing research*
  Honeder, C., Zhu, C., Schöpper, H., Gausterer, J. C., Walter, M., Landegger, L. D., Saidov, N., Riss, D., Plasenzotti, R., Gabor, F., Arnoldner, C.
  2016; 341: 43-49
- **Extracellular vesicles derived from human vestibular schwannomas associated with poor hearing damage cochlear cells** *NEURO-ONCOLOGY*
  Soares, V. Y. R., Atai, N. A., Fujita, T., Dilwali, S., Sivaraman, S., Landegger, L. D., Hochberg, F. H., Oliveira, C. C., Bahmad, F., Breakefield, X. O., Stankovic, K. M.
  2016; 18 (11): 1498-1507
- **Use of the flexible fiber CO₂ laser in pediatric transcanal endoscopic middle ear surgery** *INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY*
  Landegger, L. D., Cohen, M. S.
  2016; 85: 154-157
- **Noise trauma and systemic application of the selective glucocorticoid receptor modulator compound A.** *Journal of negative results in biomedicine*
  Landegger, L. D., Honeder, C., Zhu, C., Schöpper, H., Engleder, E., Gabor, F., Gstoettner, W., Arnoldner, C.
  2016; 15: 10
- **Novel Synthetic AAV Efficiently Transduces Neurosensory Hair Cells in the Cochlea**
  Landegger, L., Pang, B., Wassmer, S., Gluck, S., Galvin, A., Stankovic, K. M., Holt, J. R., Vandenberghe, L. H.
  NATURE PUBLISHING GROUP.2016: S107
- **Human audiometric thresholds do not predict specific cellular damage in the inner ear** *HEARING RESEARCH*
  Landegger, L. D., Psaltis, D., Stankovic, K. M.
  2016; 335: 83-93
- **Pediatric endoscopic ear surgery in clinical practice: Lessons learned and early outcomes** *LARYNGOSCOPE*
  Cohen, M. S., Landegger, L. D., Kozin, E. D., Lee, D. J.
  2016; 126 (3): 732-738
- **Secreted Factors from Human Vestibular Schwannomas Can Cause Cochlear Damage** *SCIENTIFIC REPORTS*
  Dilwali, S., Landegger, L. D., Soares, V. Y. R., Deschler, D. G., Stankovic, K. M.
  2015; 5: 18599
- **Preclinical validation of anti-nuclear factor-kappa B therapy to inhibit human vestibular schwannoma growth** *MOLECULAR ONCOLOGY*
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