

Submission ID	Submitter First Name	Submitter Last Name	Submission Title	Session Name
544890	Jiaqi	Pang	SIRT1 protects cochlear hair cell and delays age-related hearing loss via autophagy	Age-Related Changes in Humans & Mice
549080	James	Dias	Age-Related White-Matter Integrity Declines in the Auditory "Where" Pathway Predict Greater Spatial Hearing Difficulty in Older Listeners	Age-Related Changes in Humans & Mice
544045	Chama	Belkhiria	Structural Cingulate Cortex Changes Are Associated to Cochlear Aging	Age-Related Changes in Humans & Mice
533050	Robert	Renden	Age-Dependent Changes in Gene Expression and Synaptic Function in Mouse Auditory Brainstem	Age-Related Changes in Humans & Mice
547915	Enrique	Lopez-Poveda	Evidence for Age-related Cochlear Synaptopathy in Humans Unconnected to Speech-in-Noise Intelligibility Deficits	Age-Related Changes in Humans & Mice
550700	Roland	Schaette	The Interplay Between the Effects of Noise Exposure and Aging on Neural Adaptation in the Mouse Inferior Colliculus	Age-Related Changes in Humans & Mice
550728	Chuan-Ming	Li	Hearing Disability in the United States Adults Results from the American Community Survey 2012-2016	Age-Related Changes in Humans & Mice
549353	Jeong Han	Lee	Functional and Cellular Mechanisms Underlying the Transition from Hidden to Overt Hearing Loss in a Mouse Model.	Age-Related Changes in Humans & Mice
549133	Jiaqi	Pang	Modulation of autophagy by miR-34a/ATG9A/TFEB pathway in cochlear hair cell death and age-related hearing loss	Age-Related Hearing Loss in Animals
550179	Desislava	Skerleva	IGF-1 Delayed Age-Related Hearing Loss in DBA/2J Mice	Age-Related Hearing Loss in Animals
550239	Anastasiya	Kobrina	Differences in rates of hearing loss by female and male CBA/CaJ mice (Mus musculus) for pure tones varying in duration	Age-Related Hearing Loss in Animals
550868	Oak-Sung	Choo	Effect of Atorvastatin on Age-related Hearing Loss: an Animal Model Study	Age-Related Hearing Loss in Animals
550998	Jeffrey	Rumschlag	Electrocorticographic Measures in the Auditory Cortex of Aging Mice	Age-Related Hearing Loss in Animals
548619	Robert	Frisina	Aldosterone Regulates Na-K-Cl Co-transporter (NKCC1) Currents Through the Modification of Its Intracellular Location	Age-Related Hearing Loss in Animals
550046	Kenyarria	Noble	Age-Related Alterations of Resident Macrophage Activity in Mouse and Human Cochlea	Age-Related Hearing Loss in Animals
550341	Katrina	Schrode	Age-related Hearing Loss is Associated with an Imbalance Between Excitation and Inhibition in the Cochlea and Brainstem	Age-Related Hearing Loss in Animals
546519	Hanqing	Lin	Mitochondrial fission and sequent mitophagy rescue HEI-OC1 from oxidative stress-induced cellular senescence	Age-Related Hearing Loss in Animals
547174	Robert	Frisina	Ibuprofen Prevents Key Aspects of Age-Related Hearing Loss through Prestin Mechanisms In Outer Hair Cells of CBA/CaJ Mice	Age-Related Hearing Loss in Animals
546931	Robert	Frisina	Autophagic Gene Expressional Changes in the Mouse Cochlea Associated with Age-Related Hearing Loss	Age-Related Hearing Loss in Animals
546992	Mi-Jung	Kim	Role of Mitochondrial Thioredoxin in Cochlear Antioxidant Defense and Aging	Age-Related Hearing Loss in Animals
549443	Jeffrey	Mellott	Upregulation of the GABAAR Gamma1 Subunit in the Inferior Colliculus of Fischer Brown Norway rats Increases throughout Early Adulthood and Peaks during Middle-age.	Age-Related Hearing Loss in Animals
549849	Bohua	Hu	The Erlong (erl) Mutation of Cadherin 23 Gene (Cdh23) Causes Early Onset of Sensory Cell Pathogenesis and Provokes Intense Immune Responses in the Cochlea	Age-Related Hearing Loss in Animals
547947	Henning	Oetjen	Discrimination of Harmonic and Inharmonic Tone Complexes based on Temporal Fine Structure: a Comparison of Mongolian Gerbils with Normal and Compromised Cochlear Function	Age-Related Hearing Loss in Animals
548024	Shinichi	Someya	Assessment of Mitochondrial DNA Mutations in the Cochleae of CBA/CaJ, C57BL/6 and Polg mutator mice	Age-Related Hearing Loss in Animals
548549	Robert	Frisina	Effects of Estrogen Inhibition on Age-Related Hearing Thresholds and Autophagy Changes in Mice	Age-Related Hearing Loss in Animals
548543	Lynne	Ling	Nicotinic Cholinergic Receptor Subunits in Inferior Colliculus, Medial Geniculate Body, and Auditory Cortex: Distribution and the Impact of Aging	Age-Related Hearing Loss in Animals
548509	Robert	Frisina	Role of Transforming Growth Factor (TGF) in Presbycusis	Age-Related Hearing Loss in Animals
548326	Jing	Wang	P43 deletion increases susceptibility to age-related hearing loss in mice	Age-Related Hearing Loss in Animals
548411	Christine	Koepl	Decreased Auditory Nerve Population Activity in Aged Gerbils	Age-Related Hearing Loss in Animals
545376	Robert	Frisina	Gene Expression and Auditory Physiology Analyses to Determine the Roles of Connexin 30 and 43 in Age-Related Hearing Loss	Age-Related Hearing Loss in Animals
540507	Haiying	Sun	Decreasing of Trx2 Increases ROS Generation and Activates ASK1-JNK/p38 Apoptotic Signal Pathway in Auditory Cortex of the Mimetic Aging Rat Model.	Age-Related Hearing Loss in Animals
549997	Hong-Bo	Zhao	A Plausible Role of ATP-Purinergic Signaling in Age-Related Hearing Loss and Alzheimer's Disease	Age-Related Hearing Loss in Animals
533404	Andreas	Bahmer	Evidence for a neuronal network model of the cochlear nucleus and its implication for coding strategies in auditory prostheses	Auditory Brainstem I
546166	Gabriel	Romero	Selective Opsin-Mediated Excitation of T-Stellate Cells in the Ventral Cochlear Nucleus Using Serial AAV Infections	Auditory Brainstem I
547455	Tessa-Jonne	Ropp	Two Distinct Inhibitory Circuits in the Dorsal Cochlear Nucleus	Auditory Brainstem I
550788	Zhengquan	Tang	Kainate Receptors Regulate the Excitability of Granule Cell Axons	Auditory Brainstem I
550780	Anna	Dondzillo	Maturational Changes in Cholinergic Efferent Synapses in the ChAT-tauGFP Mouse Cochlea.	Auditory Brainstem I
550458	Laurence	Trussell	Discovery of a Novel Inhibitory Cell Type in the Cochlear Nucleus	Auditory Brainstem I
549696	Ivan	Milenkovic	Presynaptic GABAA Receptors Modulate Glutamatergic Transmission at the Endbulb of Held	Auditory Brainstem I
549737	Nathan	Vogler	Bidirectional Long-Term Synaptic Zinc Plasticity at Glutamatergic Synapses in the Dorsal Cochlear Nucleus	Auditory Brainstem I
548477	Michael	Kasten	Auditory Nerve Inputs Target Specific Cell Types in Dorsal Cochlear Nucleus	Auditory Brainstem I
548390	Calvin	Wu	Cartwheel Cells in the Dorsal Cochlear Nucleus Process Multimodal Input by Adjusting their Inter-connectivity	Auditory Brainstem I
548247	Donata	Oertel	Nitric Oxide-Mediated Plasticity in Inhibitory Neurons of the Ventral Cochlear Nucleus	Auditory Brainstem I
547928	Paul	Manis	Classification of Neurons in the Adult Mouse Cochlear Nucleus: Linear Discriminant Analysis of Intrinsic Excitability	Auditory Brainstem I
547969	Paula	Kuokkanen	Auditory Brainstem Response Originating from Axonal Terminal Zones in the Auditory Brainstem of the Barn Owl	Auditory Brainstem I
549141	Bernhard	Englitz	The source of inhibition for spherical bushy cells - combining modeling and experiment	Auditory Brainstem I
549520	Go	Ashida	A Simple Coincidence Detector Model to Simulate Temporal Coding of Bushy Cells in the Anteroventral Cochlear Nucleus	Auditory Brainstem I
551034	M. Christian	Brown	The Human Cochlear Nucleus: Anatomical Characterization and Functional Considerations on 7 Tesla Diffusion Tensor Imaging	Auditory Brainstem I
549298	Kirupa	Suthakar	An Algorithm for Automatic Thresholding of Auditory Brainstem Responses (ABR) using Cross Covariance Analysis	Auditory Brainstem I
547960	Conny	Kopp-Scheinflug	Urocortin 3 Increases Excitatory Postsynaptic Currents at the MNTB Synapse	Auditory Brainstem II
547935	Felix	Felmy	Required Input Number for Action Potential Generation in Auditory Brainstem Nuclei	Auditory Brainstem II
547865	Conny	Kopp-Scheinflug	Preferential Myelination of Active Axons within a Fiber Tract of Mixed Active and Non-Active Axons	Auditory Brainstem II
548998	Christine	Koepl	Toward Optogenetics in Barn Owls: Promising AAV-mediated Opsin Expression	Auditory Brainstem II
549228	Christian	Keine	Uncovering the Role of Presynaptic GIT Proteins for Fast Auditory Signaling	Auditory Brainstem II
546966	Constanze	Krohs	Knockout of MicroRNA-96 Impacts Auditory Brainstem Morphology and Synaptic Integrity	Auditory Brainstem II
547105	Chao	Zhang	In Vivo Physiological and Histological Investigation of Cholinergic Modulation in the MNTB of the Adult Gerbil	Auditory Brainstem II
547750	Andrew	Brughera	Relating Human Envelope-ITD Sensitivity to LSO Membrane Filters	Auditory Brainstem II
543920	Nace	Golding	Properties of Distal and Small-Caliber Dendrites of MSO and LSO Neurons Studied Using 2-Photon-Guided Dendritic Patch-Clamp Recordings	Auditory Brainstem II
550262	Diego	Zorio	Afferent Regulation of the Fragile X Mental Retardation Protein in the Chicken Cochlear Nucleus	Auditory Brainstem II
550345	David	Haimes	Bilateral Hearing Loss Alters Intrinsic Excitability of Medial Superior Olive Neurons Through Changes in Action Potential Mechanisms.	Auditory Brainstem II
550732	Jeremie	Sibille	Impaired Auditory Processing in The Inferior Colliculus of the Fragile X Mouse Model	Auditory Brainstem II
550618	Angela	Zhu	Comparison of Direct Injection vs. Silk Fibroin Scaffolds for Viral Vector-mediated Expression of Opsins in the Auditory Brainstem	Auditory Brainstem II
550645	Kelsey	Hom	Exposure to male advertisement call alters dopamine synthesis in the hindbrain auditory efferent nucleus of female plainfin midshipman fish	Auditory Brainstem II
549687	Xiaoyu	Wang	Targeted Genetic Labelling Reveals Dynamic Subcellular Localization of FMRP in the Developing Cochlear Nucleus	Auditory Brainstem II
549830	Sonia	Weimann	Developmental Regulation of Cholinergic Signaling in the Gerbil MNTB	Auditory Brainstem II
549571	Christoph	Koerber	Synaptic Maintenance in the Absence of Synaptic Activity in the Auditory Brainstem	Auditory Brainstem II
551112	Dawei	Han	Vibration Threshold of the Western Ratsnake (Pantherophis obsoletus)	Auditory Brainstem II
550859	Eun Jung	Kim	Oligodendroglial BDNF Regulates Presynaptic Properties and Neurotransmission in The Auditory Brainstem	Auditory Brainstem II
554138	Katrina	MacLeod	Differential Expression of Isoforms of the Synaptic Calcium Sensor Synaptotagmin in the Avian Auditory Brain Stem	Auditory Brainstem II
549708	Xiaoyu	Wang	Presynaptic FMRP Regulates Axonal Targeting and Synaptogenesis in the Developing Cochlear Nucleus	Auditory Brainstem II
551040	Beth	Prieve	Auditory Brainstem Responses to Speech and Click Stimuli in Preterm Infants	Auditory Brainstem III
549343	Saradha	Ananthakrishnan	The Effect of Carrier Type on Brainstem Neural Representation of Vocoded Speech	Auditory Brainstem III
549565	Sarah	Verhulst	Pushing the Envelope-Following Response to the Limit: Influence of the Stimulus Envelope on its Sensitivity to Cochlear Synaptopathy	Auditory Brainstem III
549742	Tim	Schoof	Consequences of Cochlear Synaptopathy in Noise-Exposed Middle-Aged Adults	Auditory Brainstem III
550743	Warren	Bakay	Low-Sound-Level Auditory Processing and the Effects of Noise Exposure	Auditory Brainstem III
550173	William	Bologna	Neural Coding of Vowels in Interrupted Noise: Effect of Glimpse Duration	Auditory Brainstem III
547589	Melissa	Polonenko	Delayed Bilateral Implantation in Children Promotes Aural Preference in Brainstem Processing of ITDs	Auditory Brainstem III
546971	Maik	Vollmer	Effects of Early-Onset Deafness on Cochlear Nucleus and Auditory Brainstem Nuclei in the Mongolian Gerbil	Auditory Brainstem III
546609	Marina	Saiz alia	Hidden Hearing Loss and Selective Attention in the Brainstem	Auditory Brainstem III
550235	Akshay	Maggu	Neural Encoding of Pitch in Individuals with Absolute Pitch	Auditory Brainstem III

550254	Ian	Bruce	The Representation of Speech in a Biophysically Detailed Model of the Ventral Cochlear Nucleus	Auditory Brainstem III
547939	Sarah	Verhulst	Derived-band Envelope Following Responses as a Frequency-specific Marker of Cochlear Synaptopathy	Auditory Brainstem III
547358	Matthew	Fitzgerald	Classification of Electrophysiological Responses to Speech Processed Through an Acoustic Simulation of a Cochlear Implant	Auditory Brainstem III
549202	Matthew	Fitzgerald	Assessing Contributions of Magnitude and Phase in Classification of Frequency Following Responses	Auditory Brainstem III
548726	Gabriella	Musacchia	Effects of Noise and Age on the Infant Brainstem Response to Speech	Auditory Brainstem III
547157	Erika	Skoe	Increased Central Auditory System Gain in Listeners with Decreased Background Noise Tolerance	Auditory Brainstem III
547179	Erika	Skoe	Reafferent Processing in the Human Auditory Brainstem: Auditory Brainstem Responses to Self-Produced Sounds	Auditory Brainstem III
547038	Rebecca	Dewey	fMRI and ABR Assessment of Ascending Auditory Pathway Function Associated with Lifetime Noise Exposure in Normally-Hearing Listeners	Auditory Brainstem III
550225	Jason	Sanchez	Neurotrophic factors regulate functional properties in the developing auditory brainstem	Auditory Brainstem III
549630	Fangyi	Chen	Integrated ABR & VsEP System for Auditory and Vestibular Function Testing	Auditory Brainstem III
549305	Kirupa	Suthakar	Diagnosis of Cochlear Synaptopathy in Mouse using Masked Auditory Brainstem Responses	Auditory Brainstem III
549933	Ruili	Xie	Reduced Vesicle Pool Size at the Endbulb of Held Parallels Compromised Synaptic Transmission during Age-Related Hearing Loss	Auditory Brainstem Jamboree
548516	Lashaka	Jones	Organizational Features of the Auditory Periphery shapes the Development of Tonotopically Distributed Membrane Properties in Cochlear Nucleus Neurons	Auditory Brainstem Jamboree
549899	Ruili	Xie	D-stellate Neurons of the Ventral Cochlear Nucleus Decrease in Auditory Nerve-Evoked Activity during Age-Related Hearing Loss	Auditory Brainstem Jamboree
550361	Noor-E-Seher	Ali	Effect of Anesthesia on Open Field Auditory Brainstem Response in Rats	Auditory Brainstem Jamboree
550402	Catherine	Weisz	Inhibitory Synapses onto Medial Olivocochlear Neurons in the Ventral Nucleus of the Trapezoid Body	Auditory Brainstem Jamboree
547882	Hsin-Wei	Lu	Differential Sensitivity to Schroeder-Phase Harmonic Complexes in the Gerbil Cochlear Nucleus	Auditory Brainstem Jamboree
549274	Thomas	Kuenzel	Differential Effects of Ipsilateral and Contralateral Forward Masking Measured with Auditory Brainstem Responses in the Mongolian Gerbil	Auditory Brainstem Jamboree
549316	Macarena	Bowen	The Olivocochlear Reflex Strength is Correlated with Behavioral Performance in a Visual Selective Attention Task with Broadband Noise Distractors but no with Distress Calls in Chinchillas.	Auditory Brainstem Jamboree
547554	Ross	Williamson	Parallel Systems for Sound Processing and Functional Connectivity among Layer 5 and 6 Auditory Corticothalamic Projection Neurons	Auditory Cortex: Anatomy & Physiology I
542053	Xindong	Song	Multiscale Calcium Imaging of Auditory Cortex in Awake Marmoset Monkeys	Auditory Cortex: Anatomy & Physiology I
547536	Barrett	St. George	Examining the Accuracy of a Commonly-used Automated Cortical Parcellation/Labeling Process in Human Auditory Cortex	Auditory Cortex: Anatomy & Physiology I
551186	Matthew	McGinley	A Versatile and Integrated LabVIEW Based System for High Throughput Auditory Behavior and Physiology	Auditory Cortex: Anatomy & Physiology I
553503	Ying	Huang	Early Auditory Cortex Responds to Task-related Visual Events as early as Prefrontal Cortex	Auditory Cortex: Anatomy & Physiology I
548886	Bshara	Awwad	The role of interneurons in maintaining sensitivity to sensory cues in on-going sounds: the case of gap detection in the mouse primary auditory cortex	Auditory Cortex: Anatomy & Physiology I
549018	Nikolas	Francis	Neuronal Network Structure in Primary Auditory Cortex Layer 2/3 During a Pure-tone Frequency Discrimination Task	Auditory Cortex: Anatomy & Physiology I
547985	Justin	Yao	Effect of Developmental Hearing Loss on Behaviorally Gated Responses in Auditory Cortex	Auditory Cortex: Anatomy & Physiology I
547725	Masataka	Nishimura	A Newly-Developed Timing Production Task For Guinea Pigs To Mimic Decodable Quick Actions of Human	Auditory Cortex: Anatomy & Physiology I
545256	Kwame	Kutten	Equivolumetric Normal Coordinate Systems for Structural Analysis of Feline Auditory Cortical Areas	Auditory Cortex: Anatomy & Physiology I
549766	Stylianios	Kouvaros	Cell-specific Modulation of Cortical Inhibition by Synaptic Zinc	Auditory Cortex: Anatomy & Physiology I
549943	Amber	Kline	Neural Circuits Underlying Spectro-Temporal Integration of Sounds	Auditory Cortex: Anatomy & Physiology I
550011	Destinee	Aponte	Imbalanced Synaptic Charge Shapes Direction Selectivity in Primary Auditory Cortex	Auditory Cortex: Anatomy & Physiology I
549579	Miguel	Merchan	Immunocytochemistry for Glial and Neuronal Markers in the Rat Brain after Auditory Cortex Anodal Epidural Direct Current Stimulation	Auditory Cortex: Anatomy & Physiology I
549355	Manoj	Kumar	Role of synaptic zinc signaling in cell-specific plasticity of auditory cortical neurons after noise-induced hearing loss	Auditory Cortex: Anatomy & Physiology I
550466	Charles	Anderson	The Effects of Synaptic Zinc on Corticocollicular Neurons in the Auditory Cortex	Auditory Cortex: Anatomy & Physiology I
550769	Sandra	Romero Pinto	Spatial Organization of Primary and Higher-Order Fields in the Mouse Auditory Cortex	Auditory Cortex: Anatomy & Physiology I
550810	Amanda	Henton	Cell-Specific Intrinsic and Synaptic Plasticity of Auditory Cortical Neurons after Noise Exposure	Auditory Cortex: Anatomy & Physiology I
550391	Jayalakshmi	Viswanathan	Comparison of Auditory Responses in Old and Young Neurons in Ferret A1.	Auditory Cortex: Anatomy & Physiology I
550369	Diana	Peterson	The Influence of Amygdalo-Auditory Cortex Direct Projections in Audition and Tinnitus: An Optogenetic Reversible Deactivation Study.	Auditory Cortex: Anatomy & Physiology I
550252	Ariel	Hight	Using Mesoscale Chronic Calcium Imaging to Track Cortical Map Reorganization Following Acoustic Trauma	Auditory Cortex: Anatomy & Physiology I
544082	Mathias	Voigt	Responses to Cathodic-leading and Anodic-leading Biphasic Stimuli in Microstimulation of the Auditory Cortex	Auditory Cortex: Anatomy & Physiology I
544806	Hiroki	Terashima	Mapping Areal Organization of Mouse Auditory Cortex by Data-driven Decomposition of Responses to Naturalistic Sounds	Auditory Cortex: Anatomy & Physiology I
542909	Melissa	Caras	Neural Variability Limits Adolescent Skill Learning	Auditory Cortex: Anatomy & Physiology II
549962	David	Little	Ensemble Modeling of Auditory Stream Segregation Reveals Potential Sources of Perceptual Bistability Throughout the Ascending Auditory Pathway	Auditory Cortex: Anatomy & Physiology II
550083	Georgiy	Yudinsev	Revising the Organization of the Corticocollicular System: a Comparison of Long-range Contributions of Layer 5 and Deep Layer 6.	Auditory Cortex: Anatomy & Physiology II
550397	Swapna	Agarwalla	Context Dependent Encoding of Ultrasonic Vocalization Sequences in the Mouse Auditory Cortex	Auditory Cortex: Anatomy & Physiology II
549913	Victoria	Sanchez	Evaluation of Auditory Biomarkers in Patients with Schizophrenia: A Phase Ib Clinical Trial with AUT00206	Auditory Cortex: Anatomy & Physiology II
549730	Adam	Fishbein	Neurophysiological Coding of Temporal Fine Structure in the Auditory Forebrain of the Zebra Finch	Auditory Cortex: Anatomy & Physiology II
547583	Joji	Tsunada	Interactions between Auditory and Frontal Cortices during Vocal Production in Marmoset Monkeys	Auditory Cortex: Anatomy & Physiology II
546892	Samira	Souffi	Resistance to noise in the auditory system: where does it come from ? An electrophysiological study from cochlear nucleus to primary auditory cortex.	Auditory Cortex: Anatomy & Physiology II
546954	Maria del Pilar	Montes Lourido	Cortical mechanisms supporting complex sound processing	Auditory Cortex: Anatomy & Physiology II
547910	Ana	Poltterovich	Rats in a Complex Auditory Environment: Behavior and Responses in Auditory Cortex	Auditory Cortex: Anatomy & Physiology II
551115	Matthew	McGinley	Neural encoding of auditory stimulus value during a patch-based foraging task in acoustic virtual reality	Auditory Cortex: Anatomy & Physiology II
551075	Hideki	Kawai	Influence of Early-onset Maternal Hypothyroidism on Distribution and Function of Layer 5 Corticocollicular Neurons in Mouse Auditory Cortex	Auditory Cortex: Anatomy & Physiology II
550892	Kevin	Armenqol	Tone Exposure During the Critical Period Impairs Frequency Representation and Network Characteristics in Primary Auditory Cortex.	Auditory Cortex: Anatomy & Physiology II
550234	Bryan	Wong	Planum Temporale: Morphological Taxonomy of the Posterior Superior Temporal Plane	Auditory Cortex: Anatomy & Physiology II
550207	Kristina	Penikis	Encoding of Aperiodic Amplitude Modulations in Gerbil Auditory Cortex	Auditory Cortex: Anatomy & Physiology II
548181	Kameron	Clayton	Motor Preparatory Signals Activate Auditory Corticothalamic Neurons	Auditory Cortex: Anatomy & Physiology II
545491	Blake	Butler	An Interhemispheric Comparison of Projections to Temporal Auditory Cortex in Normal Hearing and Early Deaf Cats	Auditory Cortex: Anatomy & Physiology II
550579	Luke	Shaheen	Nonlinear Coding of Naturalistic Sound Streams in Marmoset Auditory Cortex	Auditory Cortex: Anatomy & Physiology II
549479	Yi	Zhou	Prevalence of Front-Back Confused Responses in the Marmoset Auditory Cortex	Auditory Cortex: Anatomy & Physiology III
549550	Sudha	Sharma	Auditory and Visual Stimulus Interactions in the Orbitofrontal Cortex of the Mouse	Auditory Cortex: Anatomy & Physiology III
549640	Sharba	Bandyopadhyay	Auditory Cortical Detection of Deviant Temporal Modulations in Sequences of Amplitude Modulated Sounds	Auditory Cortex: Anatomy & Physiology III
550669	Joseph	Sollini	Processing of spectrotemporally complex sound patterns (speech) in an animal model	Auditory Cortex: Anatomy & Physiology III
550733	Ranjeeta	Ambett	Multisensory Integration of Auditory and Visual Cues in Awake Non-Human Primates	Auditory Cortex: Anatomy & Physiology III
550721	Blaise	Robert	Multiplexed encoding of auditory and aversive reinforcement cues in the cholinergic basal forebrain supports associative learning and cortical plasticity	Auditory Cortex: Anatomy & Physiology III
550152	Pingbo	Yin	Formation and Retrieval of Sound Categories in Auditory and Frontal Cortex	Auditory Cortex: Anatomy & Physiology III
550911	Stephen	David	Arousal-dependent Variability of Correlated Neural Activity in Primary Auditory Cortex	Auditory Cortex: Anatomy & Physiology III
550925	Jesvin	Lai	Effects of Vagus Nerve Stimulation on Auditory Learning and Activity in Auditory Cortex	Auditory Cortex: Anatomy & Physiology III
551070	Anoop	Basavanahalli Jagadeesh	Effect of Linguistic Information of Maskers on Cortical Auditory Responses	Auditory Cortex: Anatomy & Physiology III
551137	Matthew	McGinley	Hippocampal Encoding of Space During Navigation of an Acoustically Defined Virtual Reality	Auditory Cortex: Anatomy & Physiology III
551167	Matthew	McGinley	Pupil Dilation and Other Eye Movements as Readouts of Vagus Nerve Engagement for Closed-Loop Enhancement of Auditory Learning	Auditory Cortex: Anatomy & Physiology III
545750	Juliette	Royer	Are auditory cortex neurons better in discriminating communication sounds in mother vs. in virgin mice ? An electrophysiological study in C57BL/6 mice.	Auditory Cortex: Anatomy & Physiology III
544069	Manuel	MALMIERCA	Novelty Responses in the Rat Medial Prefrontal Cortex	Auditory Cortex: Anatomy & Physiology III
551090	Matthew	McGinley	Neural Circuits and Pupil Readouts of Motivated Shifts in Attentional (Listening) Effort	Auditory Cortex: Anatomy & Physiology III
551071	Diego	Elgueda	Sound and behavioral meaning encoding in a tertiary area of the ferret auditory cortex	Auditory Cortex: From Sensation to Perception
549743	Brice	Bathellier	A Slow Cortical Pathway Drives Decisions in a Challenging Sound Discrimination	Auditory Cortex: From Sensation to Perception
547003	Maïke	Vollmer	Neuronal Plasticity in Primary Auditory Cortex of Adult Monkeys Trained to Discriminate Temporally Modulated Signals	Auditory Cortex: From Sensation to Perception
549067	Robert	Liu	Experience Dependent Coding of Intonations by Offsets in Mouse Core and Secondary Auditory Cortex	Auditory Cortex: From Sensation to Perception
549232	Xiangying	Meng	Transient hyperconnectivity to L2/3 neurons during the critical period in the mouse auditory cortex	Auditory Cortex: From Sensation to Perception
544032	Manuel	MALMIERCA	Cholinergic Modulation of Stimulus Specific Adaptation in the Rat Auditory Cortex	Auditory Cortex: From Sensation to Perception

551008	Matthew	McGinley	Phasic Arousal Optimizes Auditory Evidence Accumulation	Auditory Cortex: From Sensation to Perception
550913	Monzilir	Rahman	Investigating the temporal window of sensory representation in the auditory cortex	Auditory Cortex: From Sensation to Perception
537225	Ryohei	Akiyoshi	Complete or partial loss of hearing in humans caused by lesions of bilateral auditory cortex or auditory radiations	Auditory Cortex: Human Studies
541799	Naomi	Bramhall	Examining the Effects of Noise Exposure on the Auditory System Using Evoked Potentials	Auditory Cortex: Human Studies
551184	Abigail	Noyce	Extended Frontal Networks For Auditory Cognition	Auditory Cortex: Human Studies
551045	Manon	Group	Neural Substrates of Auditory Sequence Processing and Language Skill in Early-to-mid Adolescence	Auditory Cortex: Human Studies
550946	Bahar	Khalighinejad	Functional organization of human perisylvian cortex in response to speech	Auditory Cortex: Human Studies
542472	Tamar	Regev	Evidence for Linear but not Helical Automatic Representation of Pitch in the Human Auditory System	Auditory Cortex: Human Studies
549401	Jenelle	Feather	Auditory Texture Models Derived from Task-Optimized Deep Neural Network Representations	Auditory Cortex: Human Studies
550671	Giovanni	Di Liberto	Investigating the Cortical Tracking of Melodic Expectation during Naturalistic Music Listening	Auditory Cortex: Human Studies
544055	Senthilvelan	Manohar	Auditory Nociception Test (ANT) to Assess Pain Hyperacusis in Rats	Auditory Cortex: Plasticity
551160	Ray	Goldsworthy	Combining Stimulation Place and Rate to Improve Cochlear Implant Pitch Perception	Auditory Cortex: Plasticity
551101	Yi	Ye	Early-Life Stress Impairs Perceptual Gap Detection in Gerbils	Auditory Cortex: Plasticity
551094	Merri	Rosen	Early-Life Stress Disrupts Amplitude Modulation Detection in Gerbils	Auditory Cortex: Plasticity
550894	Brian	Allman	Noise-Induced Plasticity in the Brainstem, Auditory Cortex and Anterior Cingulate: Implications for Functional Connectivity and Acoustic Hyper-Reactivity	Auditory Cortex: Plasticity
534682	Min-Hyun	Park	Transcriptome analysis for deafness: intracellular signal transduction signaling pathways regulate neuroplastic change in the auditory cortex	Auditory Cortex: Plasticity
550031	James	Sinclair	Learning for Fun: Auditory Training in Mice using Wheel-Running as a Reward	Auditory Cortex: Plasticity
549574	Miguel	Merchan	Excitation and Inhibition in Auditory and Visual Cortices after Long Term Deafness: a RT-qPCR, Immunocytochemistry and Evoked Potential Analysis	Auditory Cortex: Plasticity
550273	Ye-Hyun	Kim	Assessment of Auditory Performance in a Mouse Model of Cross-Modal Plasticity	Auditory Cortex: Plasticity
548703	Jasenia	Hartman	The Role of Talker Variability on Word Learning in Adults with Cochlear Implants and with Normal-Hearing	Auditory Cortex: Plasticity
548994	Michaela	Müller	Comparison of Single Cell Spike Rate and Timing in the Brainstem in Response to Cochlear Implant and Acoustic Stimulation	Auditory Cortex: Plasticity
549033	Benjamin	Auerbach	Testing the central gain theory: Loudness growth correlates with central auditory gain enhancement in two rodent models of hyperacusis	Auditory Cortex: Plasticity
548452	Xiaopeng	Liu	Effects of Prolonged Low-Level Noise on Loudness Growth vs Startle Reflex Amplitudes	Auditory Cortex: Plasticity
548087	Kelsey	Anbuhl	The Effects of Short Term Hearing Loss on Adult Perception and Cortical Cellular Properties	Auditory Cortex: Plasticity
548095	Sandra	Gordon-Salant	Experimental Auditory Training for Older Listeners Using Rate Discrimination: Effects on Perceptual and Neural Measures	Auditory Cortex: Plasticity
547461	Nihaad	Paraoity	Inhibitory strength is differentially altered along the corticostriatal circuit during task learning in normal-hearing and hearing-loss animals	Auditory Cortex: Plasticity
544671	Nihaad	Paraoity	Contribution of observational learning to an auditory discrimination task	Auditory Cortex: Plasticity
544097	Dragana	Barac-Cikoja	Interactive Learning Environment for Use in Auditory Rehabilitation: Usability Study	Auditory Cortex: Plasticity
546715	Alzaher	Mariam	Mismatch Negativity as a Neural Marker of Adaptive Plasticity in Monaural Sound Localization.	Auditory Cortex: Plasticity
550141	Fatima	Husain	An Investigation into the White Matter Deficits associated with Tinnitus and Hearing Loss	Auditory Cortex: Plasticity
550760	Shaowen	Bao	Neuroinflammation Mediates Noise-Induced Synaptic Imbalance and Tinnitus	Auditory Cortex: Plasticity
548650	Jennifer	Resnik	Probing the limits of compensatory plasticity and perceptual recovery following auditory neuropathy	Auditory Cortical Plasticity
549186	Peter	Hubka	Unilateral Congenital Deafness Affects Deprived Ear Representation from the Brainstem to the Cortical Level.	Auditory Cortical Plasticity
549650	Sungyoung	Kim	Sound Localization Training Using Augmented Reality	Auditory Cortical Plasticity
549884	Nicola	Strenzke	Impaired Vesicle Replenishment at the Inner Hair Cell Ribbon Synapse leads to Impaired Sound Envelope Coding in the Inferior Colliculus	Auditory Cortical Plasticity
546613	Marlies	Knipper	Role of peripheral BDNF for auditory perceptual learning?	Auditory Cortical Plasticity
548892	Yingying	Shang	Downward Cross-modal Plasticity in Single-sided Deafness: Cooperation and Competition between Hearing and Vision	Auditory Cortical Plasticity
549331	Deborah	Vickers	Simultaneous Measurement of Steady-State and Transient Electrically-Evoked Auditory Change Complex (eACC) Responses in Cochlear Implant Users	Auditory Cortical Plasticity
549763	Clarisse	Panganiban	Regulation of Quaking RNA Binding Proteins of Mouse Auditory Nerve Myelination and Hearing Onset	Auditory Nerve I
550753	Katie	Kindt	The Role of Mitochondrial Transport in Afferent Axon Structure and Function	Auditory Nerve I
550834	Robin	Davis	Dual Action Potential Thresholds Characterize the Responses of SGNs to Dynamic Stimuli	Auditory Nerve I
549000	Christine	Koeppl	Estimating the Frequency Limit of Auditory Nerve Phase Locking from Round-Window Recordings in Birds	Auditory Nerve I
547941	Eunyoung	Yi	Differential Expression of Calcium-Buffering Protein Calretinin in Cochlear Afferent Fibers	Auditory Nerve I
547964	Eric	Verschooten	The Influence of the Spatial Summation on Cochleoneural Mass-potentials	Auditory Nerve I
548156	Gerard	Encina-Llamas	The Effect of Masking Noise on the Envelope Following Responses (EFR)	Auditory Nerve I
536848	Brad	Buran	Optimizing Auditory Brainstem Response Acquisition using Interleaved Frequencies	Auditory Nerve I
533794	Peter	Heil	Phase Locking of Auditory-Nerve Fibers Reveals Stereotyped Distortions and a Dynamic Rather Than Static Peripheral Nonlinearity	Auditory Nerve I
547722	Min Young	Lee	Photobiomodulation delays secondary degeneration of spiral ganglion neuron and demyelination after topical application of kanamycin	Auditory Nerve I
550413	Silvia	Prades I Abadias	Effects of Prolonged Purinergic Receptor Activation in Cochlear Glial Cells	Auditory Nerve I
550457	Dyan	Ramekers	Auditory Nerve Responses to Electric Pulse Trains in Guinea Pigs and Humans	Auditory Nerve I
553589	Katie	Smith	Enhanced Resolution Imaging of Excitable Microdomains in the Auditory Nerve during Development	Auditory Nerve I
554127	Christine	Dinh	Laminin Promotes Schwann Cell Migration and Neuronal Axon Growth In Vitro	Auditory Nerve I
550982	Shannon	Doollittle	Endocytosis and Endocytotic Signaling in Spiral Ganglion Neurons	Auditory Nerve I
549557	Antoine	Huet	Ultrafast Optogenetic Stimulation of the Auditory Pathway by Targeting-optimized Chronos	Auditory Nerve I
549588	Anantha Krishna	Chintanpalli	Modeling the Concurrent Vowel Scores for a Shorter Duration	Auditory Nerve I
549593	Ning	Yu	Nav1.9 Knockout Causes Auditory Neuropathy by Reduction of Auditory Signals Transduction in Primary Afferent Neurons	Auditory Nerve I
541784	Naomi	Bramhall	Using the Middle Ear Muscle Reflex to Assess the Impact of Noise Exposure on Auditory Nerve Function in Humans	Auditory Nerve II
549873	Hong-Bo	Zhao	Gap Junction Gene Cx30 Deficiency can Induce Cochlear Synaptopathy	Auditory Nerve II
549540	Doo Hee	Kim	Assessment of Auditory Nerve Function Using Electrically Evoked Auditory Potential With Multi-Site Stimulation	Auditory Nerve II
549669	Jerome	Bourien	Kainic Acid-Induced Synaptopathy in Gerbils	Auditory Nerve II
551203	Satyabrata	Parida	Effects of Noise-Induced Hearing Loss on Speech-In-Noise Envelope Coding	Auditory Nerve II
547860	Marcus	Mueller	Combined BDNF and NT-3 Neurotrophin Cocktail Stimulates Neurite Outgrowth in an In Vitro Mouse Spiral Ganglion Explant Model	Auditory Nerve II
548924	Gabriel	Corfas	A mouse model of Charcot-Marie-Tooth disease 1A (CMT1A) provides evidence that myelin disorders can cause hidden hearing loss	Auditory Nerve II
549170	Dyan	Ramekers	Combined BDNF and NT-3 Treatment of the Auditory Nerve in Deafened Guinea Pigs	Auditory Nerve II
550736	Hari	Bharadwaj	Non-Invasive Assays of Cochlear Synaptopathy in Humans and Chinchillas	Auditory Nerve II
549788	Gilberto	Graña	Dynamic Range Adaptation in the ECoChG of the Mongolian gerbil	Auditory Nerve II
545197	Jeffery	Lichtenhan	The Auditory Nerve Overlapped Waveform (ANOW) as a Detector of Early-Onset, Chronic Endolymphatic Hydrops	Auditory Nerve II
544295	Wei	Qiu	The Study of Cochlear Synaptopathy in Humans Associated with Industrial Noise Exposure	Auditory Nerve II
549902	Sepand	Bafti	Progesterone Promotes Cochlear Synapse Regeneration After Excitotoxic Trauma	Auditory Nerve II
547425	Benjamin	Gansemmer	The Glutamate Receptor Antagonist Kynurenic Acid Protects Against Kanamycin-induced Synaptopathy in vitro	Auditory Nerve II
545916	Aryn	Kamerer	Considering Cognition in the Search for Hidden Hearing Loss	Auditory Nerve II
546077	Maria	Rubio	Altered AMPAR Subunit Expression and Sex-Specific Vulnerability to Noise-Induced Synapse Loss and Deafness in GluA3 KO Mice	Auditory Nerve II
546623	Samuel	Couth	Time to Face the Music: Analysis of Baseline Data from a Longitudinal Study of Musicians' Hearing Health and Use of Hearing Protection	Auditory Nerve II
548038	Angela	Pellitteri	The Effects of the Interphase Gap on Neural Response of the Electrically-Stimulated Auditory Nerve in Children with Cochlear Nerve Deficiency and Children with Normal-Size Cochlear Nerves	Auditory Nerve II
549854	Muhammad	Rahman	Role of Complement in Neurodegeneration in Kanamycin deafened Rats	Auditory Nerve II
549257	Simone	Kurt	Temporal Processing in the Inferior Colliculus is Impaired in Mice Lacking the Extracellular Matrix Protein Brevican	Auditory Pathways: Midbrain
548947	Michael	Roberts	Intrinsic Physiology of Several Molecularly Defined Neuron Classes in the Inferior Colliculus Varies Along the Tonotopic Axis	Auditory Pathways: Midbrain
548490	Yaqing	Su	Rate-Place Coding of Harmonic and Inharmonic Complex Tones in the Inferior Colliculus of Unanesthetized Rabbits	Auditory Pathways: Midbrain
548206	Mark	Gabriele	Extramodular Ephrin-B3 Expression in the Lateral Cortex of the Inferior Colliculus in Neonatal Mice	Auditory Pathways: Midbrain
548237	Mark	Gabriele	Early Targeting of Lateral Cortex of the Inferior Colliculus Modular Fields by Descending Somatosensory Cortical Projections	Auditory Pathways: Midbrain
548343	Brett	Schofield	Cholinergic Projections to GABAergic and Glutamatergic Neurons in the Rostral Inferior Colliculus (IC) and Nucleus of the Brachium of the IC	Auditory Pathways: Midbrain

548293	Mark	Gabriele	Microglial and CX3CL1 Patterning with Respect to the Developing Modular-Extramodular Framework in the Lateral Cortex of the Inferior Colliculus	Auditory Pathways: Midbrain
548377	Brett	Schofield	Distribution and Projections of VIP-Expressing Cells in the Inferior Colliculus in Mice	Auditory Pathways: Midbrain
548143	Lauren	Kreeger	Orthogonal Populations of Tectothalamic Neurons in the Gerbil Inferior Colliculus Targeted by Intersectional Adeno-associated Viruses	Auditory Pathways: Midbrain
546243	Catherine	Connelly	In vivo Characterization of an Identified Excitatory Cell Type in the Inferior Colliculus using Intersectional Viruses	Auditory Pathways: Midbrain
541728	Bas	Olthoff	Puncta of neuronal nitric oxide synthase (nNOS) mediate NMDA-receptor signalling in the auditory midbrain	Auditory Pathways: Midbrain
550182	Paul	Mitchell	Characterizing Midbrain Selectivity for Direction and Velocity of Frequency Sweeps	Auditory Pathways: Midbrain
550189	Oded	Barzelay	Neural Coding of Concurrent Harmonic Complex Tones in the Auditory Midbrain of Unanesthetized Rabbits	Auditory Pathways: Midbrain
550160	Kenneth	Henry	Neural Correlates of Behavioral Tone-in-Noise Detection in the Avian Inferior Colliculus	Auditory Pathways: Midbrain
550317	Yoojin	Chung	Neural Coding of Binaural Cues between Acoustic and Electrical Stimulation in an Animal Model of Single-Sided Deafness	Auditory Pathways: Midbrain
549536	Shi-Nae	Park	The Effect of Choline Alphoscerate on Cognitive Behavioral Function of Chronic Noise and Restraint Stress Rat Models	Auditory Pathways: Midbrain
549613	Aaron	Wong	Functional Organization of Excitatory and Inhibitory Neurons in the Mouse Dorsal Inferior Colliculus	Auditory Pathways: Midbrain
549435	Jeffrey	Mellott	The Density of Perineuronal Nets in the Inferior Colliculus of Fischer Brown Norway Rats Increases with Age.	Auditory Pathways: Midbrain
551251	Monty	Escabi	Peripheral and mid-level auditory filters enhance temporal representations of natural sounds	Auditory Pathways: Midbrain
551233	Christopher	Petersen	Manipulating Levels of Endogenous Serotonin Affects How Social Vocalizations are Represented in the Brain's Social Behavior Network	Auditory Pathways: Midbrain
550723	Monty	Escabi	The contribution of stimulus driven and noise correlations for neural decoding and identification of texture sounds	Auditory Pathways: Midbrain
547429	David	Goyer	A Feedforward Inhibitory Circuit that Limits EPSP Duration in the Inferior Colliculus of Mice	Auditory Pathways: Midbrain, Thalamus & Cortex
546308	Emily	Han	Auditory Processing Deficits Correspond to Secondary Injuries along the Auditory Pathway Following Mild Blast Induced Trauma	Auditory Pathways: Midbrain, Thalamus & Cortex
546679	Samira	Souffi	Where are in the auditory system the most resistant discriminative abilities when removing of spectro-temporal acoustic details? A study from cochlear nucleus to primary auditory cortex using vocoded vocalizations.	Auditory Pathways: Midbrain, Thalamus & Cortex
549400	Hyong-Ho	Cho	Impact of Hearing Impairment on Cognitive Function and Alzheimer's Disease	Auditory Pathways: Midbrain, Thalamus & Cortex
549636	Mor	Harpaz	Stimulus Specific Adaptation to Simple and Complex Sounds in the Ascending Auditory System: Dense Recordings using Neuropixels Probes	Auditory Pathways: Midbrain, Thalamus & Cortex
549923	Rui	Cai	Restricted Tinnitus-related Changes of Neuronal Nicotinic Neurotransmission in Auditory Thalamus	Auditory Pathways: Midbrain, Thalamus & Cortex
549772	Moritz	Gröschel	Apoptosis-related Neurodegeneration in the Mouse Ascending Auditory Pathway after Repeated Noise Trauma	Auditory Pathways: Midbrain, Thalamus & Cortex
549118	Travis	White-Schwoch	Subcortical Origins of the Frequency-following Response: Evidence from Two Case Studies	Auditory Pathways: Midbrain, Thalamus & Cortex
546709	Jackson	Graves	Attentional and Peripheral Components of Auditory Context Effects	Auditory Perception in Complex Environments
546714	Christopher	Conroy	A Glimpsing Model with a Variable "Tile" Size	Auditory Perception in Complex Environments
546626	James	Rankin	Entrainment of stream segregation in a dynamic environment	Auditory Perception in Complex Environments
548993	Benjamin	Skerritt-Davis	Modeling Multi-Feature Regularity Extraction from Dynamic Sounds	Auditory Perception in Complex Environments
549217	Sara	Madsen	Comparing Speech Perception in Noise and Speech for Musicians and Non-musicians in More Ecologically Valid Environments	Auditory Perception in Complex Environments
549218	Yi	Shen	The Effect of Temporal Regularity on Immediate Serial Recalls of Synthesized Vowel Sequences	Auditory Perception in Complex Environments
550279	Joseph	Roche	Influence of Binaural Hearing on Speech Intelligibility and Listening Effort	Auditory Perception in Complex Environments
550282	Maddie	Cusimano	Modeling Auditory Scene Analysis as Bayesian Sound Source Inference	Auditory Perception in Complex Environments
550396	Min	Zhang	Correlation between Performances in Informational Masking and Visual Crowding	Auditory Perception in Complex Environments
550822	James	Traer	Environmental Sound Recognition in Reverberation as Causal Inference	Auditory Perception in Complex Environments
549869	Madeline	Cappelloni	Benefit of Ambiguous Visual Stimuli on Auditory Spatial Discrimination Is Modulated by Task Difficulty	Auditory Perception in Complex Environments
549364	Jihwan	Woo	Phoneme-based analysis of continuous speech-evoked cortical responses reveals speech intelligibility	Auditory Perception in Complex Environments
547132	Richard	McWalter	Temporal Integration Windows for Sound Texture Statistics	Auditory Perception in Complex Environments
546959	Richard	McWalter	Illusory Sound Texture Reveals Extended Statistical Completion in Auditory Scene Analysis	Auditory Perception in Complex Environments
550177	James	Traer	Intuitive Physics in Auditory Scene Analysis	Auditory Perception in Complex Environments
550596	Sage	Sherman	Evaluating Enhanced Auditory Perception Augmentation via Stochastic Resonance	Auditory Perception in Complex Environments
550628	Nishad	Sathe	Fusion and Identification of Dichotic Consonants in Normal-Hearing and Hearing-Impaired Listeners	Auditory Perception in Complex Environments
550415	Nicholas	Huang	Exploring Auditory Salience in Natural Scenes Using Amazon Mechanical Turk	Auditory Perception in Complex Environments
548406	Kohei	Yamahara	Insulin-like growth factor 1 attenuates hearing loss at low frequencies in animal models of cochlear implantation	Auditory Prostheses I: Novel Technologies & Applications
548097	Hanif	Ladak	Evaluation of Cochlear Duct Length Measurements From a 3D Analytical Cochlear Model Using Synchrotron Radiation Phase-Contrast Imaging	Auditory Prostheses I: Novel Technologies & Applications
548680	Esperanza	Bas Infante	Laminin coated Cochlear Electrodes to promote Axonal Growth and Guidance	Auditory Prostheses I: Novel Technologies & Applications
550404	Fadhel	El May	Comparison of Inferior Colliculus Recordings Associated with Single Modality or Combined Electro-Optogenetic Stimulation of the Murine Cochlea	Auditory Prostheses I: Novel Technologies & Applications
550576	Rahul	Mittal	Establishment of In Vitro Model to Understand the Effect of Electrical Stimulation on Inner Ear	Auditory Prostheses I: Novel Technologies & Applications
549694	Guillaume	Tourel	3D Printed Cochlea Model For Insertion Force Measurement Testbench	Auditory Prostheses I: Novel Technologies & Applications
549691	Martina	Nullmeier	A Method for Building Individualized Two-Dimensional Artificial Cochlea Models	Auditory Prostheses I: Novel Technologies & Applications
549734	Martina	Nullmeier	Validation of PTFE Artificial Cochlea Model for Insertion Force Measurements	Auditory Prostheses I: Novel Technologies & Applications
550052	Ryan	Home	Zwitterionic Coatings Reduce Bacterial Adhesion to Silastic Surfaces	Auditory Prostheses I: Novel Technologies & Applications
547329	Suhrud	Rajguru	Anatomical Correlates and Surgical Considerations for Localized Therapeutic Hypothermia Application in Cochlear Implantation Surgery	Auditory Prostheses I: Novel Technologies & Applications
548601	Megan	Foggia	Zwitterionic Coatings Mitigate the Foreign Body Response to Implanted Biomaterials	Auditory Prostheses I: Novel Technologies & Applications
548975	Ichiro	Furuta	Estimation of the Hearing Ability by the Novel Hearing Device Accompanying Fine Electrical Current on the Skin	Auditory Prostheses II: Applications & Novel Technologies
546177	Mario	Milazzo	Multiscale Modelling Approaches and Advanced Manufacturing Techniques for a New Generation of Biocompatible Middle Ear Prostheses	Auditory Prostheses II: Applications & Novel Technologies
546196	Mario	Milazzo	Modelling Piezoelectric Electrospun Fiber Meshes for Cochlear Implants	Auditory Prostheses II: Applications & Novel Technologies
550603	Claus-Peter	Richter	Optical transmission properties of tissues in the mid-infrared	Auditory Prostheses II: Applications & Novel Technologies
550615	Yingyue	Xu	Infrared neural stimulation at different wavelengths	Auditory Prostheses II: Applications & Novel Technologies
545674	Minyoung	Kwak	Cochlear Implantation in Postlingually Deaf Adults is Time-sensitive Towards Positive Outcome: Prediction using Advanced Machine Learning Techniques	Auditory Prostheses II: Applications & Novel Technologies
541588	Jeong-Hoon	Oh	Audiologic outcome of middle ear implant in young adults with sensorineural hearing loss	Auditory Prostheses II: Applications & Novel Technologies
549142	Hideaki	Ogita	Evaluating the Effect of Implanting an Artificial Auditory Epithelium in the Guinea Pig Cochlea	Auditory Prostheses II: Applications & Novel Technologies
547562	Nasser	Kehtarnavaz	Making Hearing Aid Open Source Platforms Easy-to-use for Clinical Studies	Auditory Prostheses II: Applications & Novel Technologies
545958	John	Basile	Ultra Hearing: Effects of Body-Coupled Amplitude-Modulated Ultrasound Stimulation for a New Hearing Technology	Auditory Prostheses II: Applications & Novel Technologies
550467	Pamela	Roehm	Design and Manufacture of Novel Partial Ossicular Prostheses	Auditory Prostheses II: Applications & Novel Technologies
549320	Ivan	Lopez	Persistent Expression of Functional Proteins in the Human Spiral Ganglia Neurons in the Implanted Cochlea	Auditory Prostheses III: Animal Models, Trauma & Survival
549995	Nathaniel	Greene	Characterizing Mechanisms of Intracochlear Pressure Transients During Cochlear Implantation via Simultaneous Cochlear Fluoroscopy and Intracochlear Pressure Measurements	Auditory Prostheses III: Animal Models, Trauma & Survival
549562	James	Fallon	Chronic Intracochlear Electrical Stimulation at High Charge Densities Results in Pt Dissolution but not Neural Loss in vivo	Auditory Prostheses III: Animal Models, Trauma & Survival
549189	Mika	Sato	The Threshold of Electroacoustic Response Correlates with Residual Hearing	Auditory Prostheses III: Animal Models, Trauma & Survival
550646	Adrian	Dalbert	Changes of Electrocochleographic Responses During Insertion in Cochlear Implant Recipients	Auditory Prostheses III: Animal Models, Trauma & Survival
550578	Rahul	Mittal	Effect of Electrical Stimulation on Inner Ear in a Guinea pig Model of Cochlear Implantation	Auditory Prostheses III: Animal Models, Trauma & Survival
550153	Youssef	Adel	Chirp-evoked CAP in a Guinea Pig Model of Cochlear Implantation	Auditory Prostheses III: Animal Models, Trauma & Survival
550063	Yeohaash	Raphael	Multichannel Implants in Chronically Implanted Mice: Challenges and Opportunities	Auditory Prostheses III: Animal Models, Trauma & Survival
549926	Yeohaash	Raphael	Chronic Mouse Cochlear Implant Model Demonstrates Similarity to Guinea Pig Models Albeit High Variability and Fragility	Auditory Prostheses III: Animal Models, Trauma & Survival
550023	Joseph	McClellan	Endocochlear Potential and Stria Vascularis Changes Associated with Cochlear Implantation	Auditory Prostheses III: Animal Models, Trauma & Survival
550488	Erin	Glennon	Neuromodulation and Plasticity for a Rodent Model of Cochlear Implant Use	Auditory Prostheses III: Animal Models, Trauma & Survival
550746	Gilberto	Graña	Monitoring Phase and Amplitude of the Response to Low Frequency Tones during Cochlear Implant Insertion Using an Extracochlear Electrode.	Auditory Prostheses III: Animal Models, Trauma & Survival
551179	Rene	Vielman Quevedo	Post-Cochlear Implantation Macrophage Response in CX3CR1-GFP Mice	Auditory Prostheses III: Animal Models, Trauma & Survival
551132	Allan	Henslee	Evaluation of Cochlear Trauma following Micromechanical Insertion of Electrode Arrays	Auditory Prostheses III: Animal Models, Trauma & Survival
533779	Peter	Baumhoff	Cochlear Lesions targeting Primary Afferents or Spiral Ganglion Neurons Differentially Affect Electric Responses	Auditory Prostheses III: Animal Models, Trauma & Survival
549162	Yeohaash	Raphael	Relationship of Intrascalar Neoplastic Tissue Density and Nerve Survival to Cochlear Implant Function	Auditory Prostheses III: Animal Models, Trauma & Survival
549829	Moritz	Gröschel	Reduced Threshold Shift and Hair Cell Loss after Cochlear Implantation Following Pre-Treatment by Near-Infrared-Light	Auditory Prostheses III: Animal Models, Trauma & Survival
550191	Waldo	Nogueira	Perceptual Changes with Monopolar, Phantom and Pseudomonophasic Electrode Stimulation	Auditory Prostheses IV: Stimulus Coding & Nerve Survival

544006	Quentin	Mesnildrey	Channel Interactions in Cochlear Implants: Do They Really Increase at High Current Levels?	Auditory Prosthesis IV: Stimulus Coding & Nerve Survival
548940	Ning	Zhou	Spread of excitation with increasing pulse amplitude or phase duration	Auditory Prosthesis IV: Stimulus Coding & Nerve Survival
547869	François	Guérit	Effect of the Relative Timing Between Same-Polarity Pulses on Thresholds and Loudness in Cochlear Implant Users	Auditory Prosthesis IV: Stimulus Coding & Nerve Survival
551197	Yew Song	Cheng	Correlating the number of spiral ganglion cells with speech perception in cochlear implant users	Auditory Prosthesis IV: Stimulus Coding & Nerve Survival
550965	Jeffery	Lichtenhan	Correlation of Intracochlear Electrocochleography Responses with Cochlear Implant Speech Perception	Auditory Prosthesis IV: Stimulus Coding & Nerve Survival
551059	Lendra	Friesen	Hearing Preservation in Cochlear Implant Users	Auditory Prosthesis IV: Stimulus Coding & Nerve Survival
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549372	Jihwan	Woo	Effect of the distance between the stimulation electrodes and auditory nerve fibers on spectral resolution of cochlear implants: Computational model study	Auditory Prosthesis IV: Stimulus Coding & Nerve Survival
549912	Julie	Arenberg	Psychophysical Tuning Curves, Thresholds, and Vowel Identification in Children and Adults with Cochlear Implants	Auditory Prosthesis IV: Stimulus Coding & Nerve Survival
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548779	Jesse	Resnick	Neural Time Constants are Key Determinants of Simulated Electrically Evoked Compound Action Potential Growth Function Shape	Auditory Prosthesis IV: Stimulus Coding & Nerve Survival
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545279	Emily	Spitzer	Perception of Dissonance for Musical Intervals is Similar with Acoustic and Electric Hearing in Unilaterally Deaf Cochlear Implant Patients	Auditory Prosthesis V: Music Perception & Binaural Hearing
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549583	Ben	Williges	Spatial Speech Perception in Bimodal and Single-Sided Deaf Cochlear Implant Users: Complementary Usage of Information or Better-Ear-Listening?	Auditory Prosthesis V: Music Perception & Binaural Hearing
549959	Patti	Johnstone	A Comparison of hearing aid music-listening programs on perceived sound quality of individual musical instruments by child and adult musicians	Auditory Prosthesis V: Music Perception & Binaural Hearing
550010	Fawen	Zhang	Effects of Music Training on Cochlear Implant Outcomes	Auditory Prosthesis V: Music Perception & Binaural Hearing
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549426	Peter	Dixon	Association of Speech Processor Technology and Speech Recognition Outcomes in Adult Cochlear Implant Users	Auditory Prosthesis VI: Audiovisual Integration & Speech Perception
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550066	Chelsea	Blankenship	Cortical Auditory Evoked Potentials to Gaps in Tones: Comparison with Behavioral Gap Detection and Speech Perception in Cochlear Implant Recipients	Auditory Prosthesis VII: Brainstem & Cortex
550564	M. Christian	Brown	Auditory Brainstem Implant Array Position and Auditory Outcomes	Auditory Prosthesis VII: Brainstem & Cortex
550676	Brandon	Paul	Intra-Individual Correlations Between EEG Alpha Oscillations and Self-Reported Listening Effort Ratings During a Speech-in-Noise Task in Cochlear Implant Users	Auditory Prosthesis VII: Brainstem & Cortex
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546661	Victor	Adenis	Response Strength and Response Spread in Primary Auditory Cortex Using Different Pulse Shapes With Cochlear Implants: Is There a "Best/Optimal/Efficient" Stimulation Strategy?	Auditory Prosthesis VII: Brainstem & Cortex
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550095	Mahan	Azadpour	Loudness Integration by Auditory Brainstem Implant (ABI) and Cochlear Implant Users	Auditory Prosthesis VII: Brainstem & Cortex
551182	Andrew	Dimitrijevic	Brain responses to silent lip reading in normal hearing, CI users, and CI candidates.	Auditory Prosthesis VII: Brainstem & Cortex
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551114	Mark	Sayles	Neural Sensitivity to Dynamic Binaural Cues: Human EEG and Chinchilla Single-Unit Responses	Binaural Hearing in Non-Human Animals
550162	James	Simmons	Biosonar in Bats: Pulse-Echo Ambiguity Suppression by a Novel Auditory Anticorrelation SCAT Mechanism	Binaural Hearing in Non-Human Animals
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550552	John	Peacock	Binaural Hearing in the Naked Mole-Rat	Binaural Hearing in Non-Human Animals
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551208	Yilal Shu	Shu	A mouse model of a human DFNA22 variant demonstrated semi-dominant inheritance pattern	Genetics of Hearing Loss
545182	Andrew	Griffith	Influence of SLC26A4 Haplotype upon Phenotype in Patients with Enlargement of the Vestibular Aqueduct	Genetics of Hearing Loss
544828	Ian	Bruce	Deep Phenotyping and Computational Modeling of Highly Diverse Forms of Hearing Loss Due to Specific Gene Mutations Identified in Families from Newfoundland, Canada	Genetics of Hearing Loss
548858	Wei	Ren	Establishment and preliminary results of a hereditary SSD Bama Miniature pig model	Genetics of Hearing Loss
549152	Yeohaash	Raphael	Inducible Conditional Deletion of Gjb2 Leads to Reduction of Endocochlear Potential and Elevation of ABR Thresholds Without Loss of Hair Cells or Neurons	Genetics of Hearing Loss
548238	Regie Lyn	Santos-Cortez	FUT2 Variants Confer Susceptibility to Familial Otitis Media	Genetics of Hearing Loss
547905	Cris	Lanting	Cochlear Processing and Genetic Hearing Impairment: Site-of-Lesion Testing Beyond the Audiogram	Genetics of Hearing Loss
549555	Morag	Lewis	Hearing Impairment Due to Mir96 Mutations Suggests Both Loss and Gain of Function Effects	Genetics of Hearing Loss

549566	Morag	Lewis	Variant Identification in Whole Exome Sequencing of Patients with Adult Onset Hearing Loss	Genetics of Hearing Loss
549621	Elisa	Martelletti	Kinesin light chain 2 mutation causes age-related progressive hearing loss in mice	Genetics of Hearing Loss
550572	Kevin	Booth	The Genomic Landscape of DFN57-related hearing loss	Genetics of Hearing Loss
549839	Zubair	Ahmed	Characterization of Usher syndrome Natural History in Pcdh15Kl/Kl mice	Genetics of Hearing Loss
549963	Farrah	Madison	Genetic Basis of Auditory Pathology in the Belgian Waterslager Canary	Genetics of Hearing Loss
549672	Neil	Ingham	A Human Variant of PCDH15 affects Hearing in the Mouse.	Genetics of Hearing Loss
549174	Ryotaro	Omichi	Tropism of Adeno-Associated Viral Vectors in Adult Mammalian Inner Ear Cell Subtypes with Single and Dual Transduction	Genomics & Gene Regulation
554037	Brent	Wilkerson	Open Chromatin Dynamics in Prosensory Cells of the Embryonic Mouse Cochlea	Genomics & Gene Regulation
549313	Botond	Banfi	Alternative Splicing-Dependent Regulation of REST Is Critical for Hearing	Genomics & Gene Regulation
550327	Sally	Dawson	A Genome Wide Association Study in the UK Biobank Cohort Identifies a Large Number of Genome-wide Significant Loci Linked to Self-Reported Adult Hearing Ability	Genomics & Gene Regulation
550209	Yong	Tao	CRISPR/Cas9-mediated targeted Y Chromosome Elimination in the Mammalian Auditory System	Genomics & Gene Regulation
550709	Qing	Zheng	Systems Genetic Analysis of ABR Thresholds in The BXD Family of Mice Defines New Modulators of Age-Related Hearing Loss	Genomics & Gene Regulation
550452	Kathleen	Gwilliam	Comparative Analysis of the Inner Ear Transcriptome Between Postnatal Days 2 and 7 using Single Cell RNA-seq	Genomics & Gene Regulation
550833	Shin-ya	Nishio	Simple and efficient copy number variant analysis method for the Ion AmpliSeq custom panel.	Genomics & Gene Regulation
550414	Kelvin	Kwan	Single Cell RNA Sequencing of Immortalized Multipotent Otic Progenitors	Genomics & Gene Regulation
550326	Kathleen	Gwilliam	Exploring the Roles of RFX 1, 3, and 7 Alone and in Concert in Hearing and Balance	Genomics & Gene Regulation
549514	Matthew	Hill	Misregulation of Gene Expression in the CNS and Inner Ear of the raumschiff Zebrafish Mutant	Genomics & Gene Regulation
549896	Tejbeer	Kaur	Differential Gene Expression in Mature Cochlear Neurons and Macrophages After Selective Hair Cell Ablation	Genomics & Gene Regulation
549965	Benjamin	Perrin	The Epigenetic Regulator CXXC Finger Protein 1 (Cfp1) is Required to Maintain Mature Differentiated Auditory Hair Cells	Genomics & Gene Regulation
554145	Gaurav	Varshney	Large-Scale Functional Genomics of Hearing & Vestibular Disorders in Zebrafish	Genomics & Gene Regulation
539874	Karen	Avraham	Hear-Seq Targeted Gene Panel Identifies the Spectrum of Inherited Variants for Deafness in a Diverse Jewish Population	Genomics & Gene Regulation
542488	Angela	Pellitieri	The Effect of Pulse Polarity on Neural Response of the Electrically-Stimulated Auditory Nerve in Children with GJB2 or SLC26A4 Gene Mutations	Genomics & Gene Regulation
544276	Amanda	Lauer	Deafness in a Noise-Resistant Bat Species	Genomics & Gene Regulation
549155	Vinodh	Balendran	The ATP-Dependent Chromatin Remodeler CHD7 is Critical for Proper Cochlear Length and Organization, and Auditory Nerve Formation	Genomics & Gene Regulation
548257	Lintao	Gu	Neurod1 Expression Reduces Schwannoma Cell Proliferation	Genomics & Gene Regulation
548302	Michael	Hoa	Characterizing Translational Changes in Mammalian Stria Vascularis as it Relates to Cisplatin Exposure	Genomics & Gene Regulation
548532	Beatrice	Milon	The Cell-Type Specific Response to Noise in Adult Mouse Inner Ears	Genomics & Gene Regulation
549684	Erica	Sadler	Cell-Specific Transcriptional Responses to Heat Shock in the Mouse Utricle Using RiboTag	Genomics & Gene Regulation
548746	Byron	Hartman	Genomic Elements that Regulate Expression of Fbxo2	Genomics & Gene Regulation
548770	Regie Lyn	Santos-Cortez	A2ML1 and Otitis Media: Novel Variants, Differential Expression and Relevant Pathways	Genomics & Gene Regulation
543796	Renjie	Chai	Identification of Ligands for Orphan Olfactory TAARs across Different Species!	Genomics & Gene Regulation
545084	Renjie	Chai	slc4a2b Is Required for Hair Cell Development in Zebrafish	Genomics & Gene Regulation
547481	Dominic	Cosgrove	Pericyte Abnormalities Precede Strial Capillary Basement Membrane Thickening in Alport Mice.	Genomics & Gene Regulation
549834	Elodie	Richard	Methionine Sulfoxide Reductase Proteins are Indispensable for Auditory Function in Mice	Genomics & Gene Regulation
549836	Jonathan	Sellon	A Single Cell Transcriptomic Characterization of the Stria Vascularis and Lateral Wall from the Adult Mouse Cochlea	Genomics & Gene Regulation
549434	Joerg	Waldhaus	Developmental Modulation of Transcriptional Bursting During Organ of Corti Development	Genomics & Gene Regulation
550614	Beatrice	Milon	New Year, New gEAR: Better Performance, New Features, and More Data	Genomics & Gene Regulation
550865	Yilai Shu	Shu	Efficient delivery of AAV into mammalian inner ear in vivo via trans-stapes injection in adult guinea pig	Genomics & Gene Regulation
550826	Joseph	Santos-Sacchi	The Frequency Response of Outer Hair Cell Motility Indicates a Voltage Dependent Cellular Compliance Governed by Prestin.	Hair Cells: Mechanics & Motility
550433	Qiang	Song	SLC26A5 Membrane Protein Purification for Structure Analysis	Hair Cells: Mechanics & Motility
550148	Alexei	Surguchev	Attempts at solving SLC26A6 (A6) structure by Cryo-EM	Hair Cells: Mechanics & Motility
546355	Jing	Zheng	mRNA Profiles of OHCs Lacking Electromotility in Vivo	Hair Cells: Mechanics & Motility
549685	Jean-Luc	Puel	Novel Role of Prestin in Echolocating Mammals?	Hair Cells: Mechanics & Motility
550510	Tatiana	Sukhanova	SLC26A5 (Prestin) Interaction With Anions	Hair Cells: Mechanics & Motility
548731	Brenda	Farrell	Towards Recovery of the Energy Landscape of the Pillar Bond of Outer Hair Cells with Force Spectroscopy	Hair Cells: Mechanics & Motility
549267	Kazuaki	Homma	A Three-state Kinetic Model for Prestin	Hair Cells: Mechanics & Motility
548430	Chia-Hsi	Lin	Effect of Efferent Activity on Hair Bundle Mechanics	Hair Cells: Mechanics & Motility
548577	Brenda	Farrell	Theory Predicts the Experimental Variations Associated with the Potential of Maximum Voltage Sensitivity for Outer Hair Cells	Hair Cells: Mechanics & Motility
545532	Justin	Faber	Chaotic Dynamics Enhance the Sensitivity of Inner Ear Hair Cells	Hair Cells: Mechanics & Motility
545950	Kuni	Iwasa	Kinetic Membrane Model of Outer Hair Cells	Hair Cells: Mechanics & Motility
545959	Angela	Ballesteros	Structural Relationship Between the Putative Hair Cell Mechanotransduction Channel TMC1 and TMEM16 Proteins	Hair Cells: Mechanotransduction
551175	Marcos	Sotomayor	Structure and Elasticity of a Complete Protocadherin-15 Dimer	Hair Cells: Mechanotransduction
551212	David	Corey	Silencing Beethoven: Allele-Specific Deafness Gene Disruption by S. aureus Cas9-KKH Prevents Progressive Hearing Loss in Mice after AAV-Mediated Gene Delivery	Hair Cells: Mechanotransduction
551220	Marcos	Sotomayor	Ion Permeation in Molecular Dynamics Simulations of TMEM16-based TMC1 Homology Models	Hair Cells: Mechanotransduction
550566	Jeffrey	Holt	Cysteine Substitution Identifies the Pore-forming Region of TMC1 in Hair Cell Sensory Transduction Channels	Hair Cells: Mechanotransduction
548772	Nicolas	Grillet	LOXHD1, a Sub-Membranous Stereociliary Protein, is Required for Mechanotransduction in Mature Inner Hair Cells	Hair Cells: Mechanotransduction
550980	Gregory	Frolenkov	Different Effects of Prolonged Depolarization and Channel Closure on the Resting Mechanotransducer Current in Mammalian Auditory Hair Cells	Hair Cells: Mechanotransduction
546695	Alexander	Cartagena-Rivera	Top-Connector Mediated Cooperativity of Hair Bundle Mechano-Electrical Transduction Channels Detected by Atomic Force Microscopy	Hair Cells: Mechanotransduction
550110	Andrew	Mecca	cAMP Signaling Modulates Mechanotransduction Channel Set Point and Operating Range in Rat Outer Hair Cells	Hair Cells: Mechanotransduction
551102	Timothy	Erickson	Cis-regulatory divergence of lipoma HMGIC fusion partner-like 5 (lhfp5) paralogs in zebrafish.	Hair Cells: Mechanotransduction
533985	Robert	Fettiplace	Contribution of TMC1 to Mechanotransduction Channels in Cochlear Hair Cells	Hair Cells: Mechanotransduction
545704	Jing-Yi	Jeng	Mechano-electrical Transduction in Mature OHCs from α - and β -tectorin Knockout Mice	Hair Cells: Mechanotransduction
545615	Pingbo	Huang	Localization of TMC1 and TMHS in Auditory Hair Cells in Neonatal and Adult Mice	Hair Cells: Mechanotransduction
550294	Tobias	Bartsch	Single-molecule Nanomechanics of the Tip-link Protein Protocadherin 15	Hair Cells: Mechanotransduction
549894	K. Domenica	Karavitiaki	Both LHFPL5 and the Novel Protein LHFPL4 are Located at the Site of Mechanotransduction in Cochlear Hair Cells and Both Interact with TMC1 and PCDH15	Hair Cells: Mechanotransduction
549458	Shefin	Sam George	Voltage and Calcium Modulate Stereocilia Membrane Fluidity: Implications Regarding Hair Cell Mechanotransduction	Hair Cells: Mechanotransduction
549745	Eric	Mulhall	The Dynamic Strength of the Tip-Link Bond in Hair Cells	Hair Cells: Mechanotransduction & Synaptic Transmission
550499	Ruben	Stepanyan	An Uncharacterized Motif within the N-Terminus of Mouse TMC1 Contributes to ER Retention in Heterologous Cell Line	Hair Cells: Mechanotransduction & Synaptic Transmission
550172	Giusy	Caprara	Mechanical relaxation of the hair bundle is not correlated with Ca2+-dependent slow adaptation	Hair Cells: Mechanotransduction & Synaptic Transmission
551141	David	Corey	Biochemical Properties of TMC1 Suggest a Dimeric, Two-Pore Structure for the Hair-Cell Transduction Channel	Hair Cells: Mechanotransduction & Synaptic Transmission
548468	Jonathan	Bird	A Myosin Molecular Motor Directly Stimulates Actin Polymerization to Drive Stereocilia Growth	Hair Cells: Mechanotransduction & Synaptic Transmission
538636	Peter	Barr-Gillespie	Stereocilia Tip Complexes Depend on Transduction and PCDH15 for Differential Localization	Hair Cells: Mechanotransduction & Synaptic Transmission
546703	Saad	Safieddine	Targeted deletion of synaptosomal-associated protein 25 (SNAP-25) impairs synaptic function of auditory inner hair cells	Hair Cells: Mechanotransduction & Synaptic Transmission
550991	Paul	Fuchs	Presynaptic Nicotinic Receptors Enhance Transmitter Release from Efferent Neurons on Cochlear Hair Cells.	Hair Cells: Mechanotransduction & Synaptic Transmission
549885	Marian	Drescher	A Photoreceptor-like, Rhodopsin-linked cGMP Pathway in Inner Ear Hair Cells	Hair Cells: Stereocilia
550405	Benjamin	Perrin	Dynamic Fascin-2 Crosslinks Stabilize the Mammalian Stereocilia Actin Core	Hair Cells: Stereocilia
549738	Navid	Banafshe	Auditory Pathology in Khl18 Mutant Mice	Hair Cells: Stereocilia
549686	Vincent	Michel	Whirlin binds to protocadherin-15 and anchors links to the actin cytoskeleton of stereocilia in cochlear hair cells	Hair Cells: Stereocilia
550993	Shadan	Hadi	The Short Isoform of Myosin-XVa is Required not only for Staircase Architecture but also for Gradation of Stereocilia Diameters in the Auditory Hair Cells	Hair Cells: Stereocilia
548502	Sihan	Li	Myosin VIIa Isoforms are Differentially Expressed in Auditory Inner and Outer Hair Cells and Control the Resting Open Probability of the Mechanotransduction Channel	Hair Cells: Stereocilia
548511	Elizabeth	Wagner	XIRP2 May Facilitate the Repair of Stereocilia F-Actin Core Damage	Hair Cells: Stereocilia

545685	Ellen	Reisinger	A Gene Therapy Approach with Split AAVs Partially Rescues IHC Exocytosis and Hearing in Otoferrin-Knock-Out Mice	Hair Cells: Synapses
547903	Didier	Dulon	The Use of CRISPR-Cas9 Genome Editing in Vivo to Probe the Role of CaV1.3 Ca2+ Channel Isoforms in Synaptic Transmission of Mouse Auditory Hair Cells	Hair Cells: Synapses
550996	Johnny	Saldade	The Distribution of Synaptic Architectures in Utricular Hair Cells: Analyses Across Spatial Scales	Hair Cells: Synapses
550683	Omar	Akil	Dual AAV-Mediated Gene Therapy Restores Hearing in a DFN9 Mouse Model	Hair Cells: Synapses
550022	Gwenaelle	Geleoc	Synaptic Changes in Cochlear Hair Cells of Tmc Mutant Mice	Hair Cells: Synapses
551024	Aravind Chenrayan	Govindaraju	Modelling the Dynamical Properties of the Vestibular Hair Cell Synapse	Hair Cells: Synapses
549180	Jonathan	Art	Modulation of Potassium Permeation in the Diffusion-limited Synaptic Cleft Between Type I Hair Cells and Calyx Afferents in the Vestibular System	Hair Cells: Synapses
551260	Adolfo	Cuadra	Acute Disruption of Synaptic Ribbons in Auditory Hair Cells Reduces the Rate of Exocytosis without Altering its Temporal Precision	Hair Cells: Synapses
553541	Josef	Trapani	Recovery of Spontaneous and Evoked Spikes after Threshold Stimulation of Zebrafish Hair Cells	Hair Cells: Synapses
548440	Sriram	Hemachandran	Cyclic AMP and cochlear inner hair cell synapse excitotoxicity	Hair Cells: Synapses
546295	Katie	Kindt	Using Zebrafish to Correlate Hair-cell Activity with Neomycin Resistance and Susceptibility	Hair Cells: Synapses
546456	Taro	Fujikawa	GluD1 Deficiency Causes Progressive High-Frequency Hearing Loss and Insufficient Efferent Synapse Formation on Outer Hair Cells	Hair Cells: Synapses
546284	Katie	Kindt	Live 4D Imaging of Spontaneous Activity in Zebrafish Hair-cell Organs Using Light-sheet Fluorescent Microscopy	Hair Cells: Synapses
550166	Lina	Jaime Tobon	Calcium Dependence of Inner Hair Cell Transmitter Release in Near Physiological Conditions	Hair Cells: Synapses
550870	Menoua	Keshishian	Characterizing Deep Neural Networks Trained to Predict Neural Responses to Speech in Human Auditory Cortex	Human Auditory System: Electrophysiology
551238	Jasmine	Kwasa	Behavioral and Neural Measures of Auditory Selective Attention Suggest Diminished Top-Down Control in ADHD	Human Auditory System: Electrophysiology
550537	Samuel	Norman-Haignere	Temporal Context Invariance Reveals Neural Processing Timescales in Human Auditory Cortex	Human Auditory System: Electrophysiology
550568	Nathaniel	Zuk	Specialized High-Level Processing of Speech and Music Revealed with EEG	Human Auditory System: Electrophysiology
550270	Justin	Fleming	Effects of Spatial (In)congruence on Audio-Visual Integration as Revealed by the Pip and Pop Effect	Human Auditory System: Electrophysiology
550353	James	O'Sullivan	Auditory Attention Decoding: What Anatomical Locations and Neural Frequency Bands Contribute?	Human Auditory System: Electrophysiology
550354	Mattson	Ogg	The Time Course and Acoustic Correlates of Early Neural Representations of Speakers and Vowels in MEG	Human Auditory System: Electrophysiology
550101	Huib	Versnel	The Acoustic Change Complex in Cochlear Implant Users	Human Auditory System: Electrophysiology
550117	Ramesh Kumar	Muralimanoohar	Cortical Auditory Encoding of Reverberant Speech	Human Auditory System: Electrophysiology
549352	Seung-Goo	Kim	Modulation Change Detection in Human Auditory Cortex: Evidence for Asymmetric, Nonlinear Edge Detection	Human Auditory System: Electrophysiology
549450	Heivet	Hernandez Perez	On the Relationship between Cortical Oscillatory Activity and Inner Ear Amplification Gain	Human Auditory System: Electrophysiology
549584	Octave	Etard	Neural Speech Tracking in the Delta and Theta Frequency Bands Differentially Encodes Comprehension and Intelligibility of Speech in Noise	Human Auditory System: Electrophysiology
549196	Robert	Carlyon	Measuring Spread of Excitation Using the Masked Onset Response in Humans and Cats	Human Auditory System: Electrophysiology
548936	Gavin	Bidelman	Neural Correlates of Enhanced Audiovisual Processing in the Bilingual Brain	Human Auditory System: Electrophysiology
548943	Gavin	Bidelman	Individual Differences in Listening Skills Modulate the Auditory Categorical Processing of Speech and Music	Human Auditory System: Electrophysiology
547913	Alexander	Billig	Active Tracking of Sound Textures: a Human Intracranial Study	Human Auditory System: Electrophysiology
547830	Ki eun	Lee	Effects of vowel, emotion, and age in latency and amplitude of Cortical Auditory Evoked Potentials (CAEPs)	Human Auditory System: Electrophysiology
548014	Lia	Bonacci	Lateralization of Parietal Alpha Power During Auditory Spatial Attention in the Presence of Strong Pitch Cues	Human Auditory System: Electrophysiology
548061	Lia	Bonacci	Lateralization of Parietal Alpha Power During Auditory Spatial Attention in Normal and Hearing Impaired Listeners	Human Auditory System: Electrophysiology
548077	Dana	Boatman	Within-Subject Cortical Auditory Response Variability and Listening Performance	Human Auditory System: Electrophysiology
550005	Matthew	Banks	Resting State Connectivity Within and Beyond Auditory Cortex Across Awareness States: An Intracranial Electrophysiology Study	Human Auditory System: Electrophysiology
549236	Kirill	Nourski	Electrocorticographic Analysis of Human Superior Temporal Sulcus	Human Auditory System: Electrophysiology
546630	Stefan	Weder	Cortical Processing Related to Intensity of a Modulated Noise Stimulus - a Functional Near-Infrared Study	Human Auditory System: Imaging and Behavior
549693	Kwame	Kutten	Topographic Visualization of the Acoustic Radiation in Normal Hearing and Deaf Subjects via Semi-Automated Tractography	Human Auditory System: Imaging and Behavior
549826	Phillip	Gander	O-15 Water PET Study of Speech in Noise Processing in Cochlear Implant Patients	Human Auditory System: Imaging and Behavior
550185	Nathan	Higgins	Modality-specific Resetting of Segregation During Bistable Perception of Auditory Streams	Human Auditory System: Imaging and Behavior
550340	Inyong	Choi	Neural Correlates of Speech-in-Noise Variance in Cochlear Implant Users	Human Auditory System: Imaging and Behavior
554035	Maria	Chait	Pupillometry as an objective measure of listening effort and sustained attention in young and ageing populations	Human Auditory System: Imaging and Behavior
554136	Jeffrey	Mock	Auditory Spatial Attention over 360°	Human Auditory System: Imaging and Behavior
547863	Hsin-I	Liao	Pupillary Light Response Reveals Covert Attention to Auditory Space and Object	Human Auditory System: Imaging and Behavior
548322	Taylor	Fields	Hearing Complaints are Associated with Greater Rates of Cortical Thinning in a Cohort Enriched for Alzheimer's Disease Risk	Human Auditory System: Imaging and Behavior
544919	Francis	Manno	The Effect of Profound Hearing Loss: Meta-analysis of Bilateral and Unilateral Structural MRI Studies	Human Auditory System: Imaging and Behavior
544926	Francis	Manno	Profound Bilateral and Unilateral Hearing Loss Alters Large Scale Macroscopic Cortical Asymmetry and Yakovlevian Torque	Human Auditory System: Imaging and Behavior
550408	Oliver	Profant	Plastic changes within the auditory cortex after removal of the vestibular schwannoma	Human Auditory System: Imaging and Behavior
549625	Elouise	Koops	Cortical Tonotopic Maps in Tinnitus and Hearing Loss	Human Auditory System: Imaging and Behavior
549634	Axelle	Calcus	Neural Processing of Speech in Children with Sensorineural Hearing Loss	Human Development
550692	Faye	Smith	The Relationship between Auditory Sequence Processing and Language Skill in Children: Do Working Memory, Attention or Musical Training act as Mediators?	Human Development
547822	Jiyeong	Yun	Development of Early Communication Skills of Normal and Hearing Impaired Children in Korea	Human Development
553969	Lisa	Hunter	Brainstem Correlates of Listening Difficulties in Children	Human Development
541742	Bas	Olthof	Non-auditory projections to the inferior colliculus	Inferior Colliculus: Function, Connections & Plasticity
550304	Jennifer	Krizman	Sex Differences in Subcortical Timing and Frequency Encoding Emerge at Different Rates Across Development	Inferior Colliculus: Function, Connections & Plasticity
550248	Yoojin	Chung	Chronic Bilateral Stimulation through Cochlear Implants during Development Can Reverse the Effect of Early-Onset Deafness on Neural ITD Sensitivity	Inferior Colliculus: Function, Connections & Plasticity
550266	Guangying	Wu	Activation of Cortical Kainate Receptors Modulates Subcortical Balance of Excitation and Inhibition	Inferior Colliculus: Function, Connections & Plasticity
551265	Monty	Escabi	Decoding Sound Texture Identity via Statistics of Neuron Ensembles	Inferior Colliculus: Function, Connections & Plasticity
548978	Randy	Kulesza	Prenatal Exposure to Valproic Acid Disrupts Morphology and Ascending Projections to the Central Nucleus of the Inferior Colliculus	Inferior Colliculus: Function, Connections & Plasticity
548116	Marina	Silveira	Two novel classes of inferior colliculus neurons, one glutamatergic and one GABAergic, labeled in Neuropeptide Y-Cre mice	Inferior Colliculus: Function, Connections & Plasticity
547973	Boris	Gourevitch	Decoding Complex Sounds from Activity Patterns	Inferior Colliculus: Function, Connections & Plasticity
550039	Hong-Bo	Zhao	Partial Loss of Cx26 Reduces Endocochlear Potential (EP) but Shows Normal Hearing	Inner Ear: Anatomy & Physiology
549402	Dennis	Drescher	Dysferlin Direct Protein-Protein Interactions Support Involvement of Dysferlin in Apoptotic Pathways of Hair Cells as Predicted by Structurally Similar Otoferlin	Inner Ear: Anatomy & Physiology
549526	Barbara	Canlon	Characterization of Circadian Genes and Proteins in the Human Cochlea	Inner Ear: Anatomy & Physiology
550956	Brooke	Vetter	Effect of swim bladder removal on auditory lagenar sensitivity in the plainfin midshipman fish (<i>Porichthys notatus</i>)	Inner Ear: Anatomy & Physiology
549606	Xin	Lin	Changes in Inner Hair Cell Function Contribute to the Late-onset Hearing Loss in GJB2 V37I Mutation Knock-in Mice	Inner Ear: Anatomy & Physiology
549646	Dwayne	Simmons	Loss of Oncomodulin Correlates with Changes in Outer Hair Cell Morphology	Inner Ear: Anatomy & Physiology
550924	Joseph	Sisneros	Seasonal Hair-cell Density Changes in Male Plainfin Midshipman: a Teleost Fish with Divergent Reproductive Strategies	Inner Ear: Anatomy & Physiology
549239	Thore	Schade-Mann	How is the Tectorial Membrane Formed? Ducts, vesicles and Ca2+ transients in Interdental Cells of the Developing Cochlea	Inner Ear: Anatomy & Physiology
548665	Gabriel	Corfas	Increased Neurotrophin 3 (NT3) expression by cochlear supporting cells improves gap detection and alters neuronal activity in the dorsal cochlear nucleus	Inner Ear: Anatomy & Physiology
547155	Edward	Lobarinas	Effect of Selective Inner Hair Cell Loss on Acoustic Reflexes in Carboplatin Treated Chinchillas	Inner Ear: Anatomy & Physiology
544363	Dalian	Ding	Age-related cochlear and vestibular pathologies in African vervet monkeys	Inner Ear: Anatomy & Physiology
550477	Kevin	Isgrig	Effect of Increased Outer Hair Cell Infection and Whirlin Long Isoform in Whirlin Mutant Mice	Inner Ear: Anatomy & Physiology
550689	Sylvie	Pucheu	Evaluation of Human and Computer-assisted Quantification of Hair Cells in Full-length Cochlea	Inner Ear: Anatomy & Physiology
550814	Kendall	Hutson	Light Sheet Microscopy of the Gerbil Cochlea	Inner Ear: Anatomy & Physiology
550108	Manikandan	Mayakannan	Rapid Mitochondrial Calcium Uptake is Critical for Hearing Preservation in Mice	Inner Ear: Anatomy & Physiology
550069	Hariprakash	Haragopal	Paired Measurements of Cochlear Function and Structure in Dutch-Belted Rabbits with Noise-Induced Hearing Loss	Inner Ear: Anatomy & Physiology
549776	Yang	Ming	Pig As a Big Animal Model for Hearing Research	Inner Ear: Anatomy & Physiology
543488	Wei	Ren	Novel N-ethyl-N-nitrosourea-induced dominant mutation in the KIT gene causes deafness and hypopigmentation in Bama miniature pigs	Inner Ear: Anatomy & Physiology
550941	Edward	Walsh	Navigating the Acoustic Territory of Bald (<i>Haliaeetus leucocephalus</i>) and Golden (<i>Aquila chrysaetos</i>) Eagles	Inner Ear: Anatomy & Physiology
549403	Jeffrey	Borenstein	Autonomous Programmable Intracochlear Drug Delivery System with Assessment of Delivery Pharmacokinetics	Inner Ear: Drug Delivery

550711	Weinan	Du	Gene Therapy Rescues Auditory and Vestibular Function in A Mouse Model with A Null Mutation of Ush1c Gene	Inner Ear: Drug Delivery
550553	Rahul	Mittal	Biocompatibility and Permeability of Upconversion Nanoparticles into the Inner Ear following Transtympanic Administration in a Rat Model.	Inner Ear: Drug Delivery
550199	Gwenaelle	Geleoc	AAV Mediated Gene Therapy Restores Partial Auditory Sensitivity in Mouse Models of Autosomal Recessive Non-Syndromic Deafness DFNB31 and Usher Syndrome type IID	Inner Ear: Drug Delivery
550278	Kevin	Isgrig	AAV2.7m8 is a Powerful Viral Vector for Inner Ear Gene Therapy	Inner Ear: Drug Delivery
549760	Yoh-ichiro	Iwasa	RNA interference and concomitant gene replacement as a treatment strategy for autosomal dominant and recessive non-syndromic hearing loss	Inner Ear: Drug Delivery
550836	R. Keith	Duncan	Inner Ear and Serum Kinetics of the Ototoxin, 2-Hydroxypropyl-Beta-Cyclodextrin, Delivered via Intravenous, Intrathecal, and Intranasal Routes in the Mouse	Inner Ear: Drug Delivery
550342	Graham	Casey	Optimization of Adeno-associated Virus Transduction in the Mouse Cochlea	Inner Ear: Drug Delivery
548189	Fabrice	Piu	Inner ear pharmacokinetics and tissue distribution of the sustained-exposure dexamethasone formulation OTIVIDEX in various species - Predicting drug exposure in Meniere's disease patients	Inner Ear: Drug Delivery
549577	Jonas	Dyhrfeld-Johnsen	Comparison of SENS-401 Inner Ear Tissue and Perilymph Exposure after Oral Administration in Rat, Guinea Pig and Cat	Inner Ear: Drug Delivery
551161	Jonathon	Whitton	Tropism of Engineered Serotypes in Adult Rodent Cochlea: Towards Translationally Relevant Vectors	Inner Ear: Drug Delivery
551049	Lillian	Smith	Functional Improvement and Target Engagement in Mouse Model of Synaptopathy Following Sustained Exposure via AAV8-Ntf3 Delivery	Inner Ear: Drug Delivery
551030	Ryan	McCarthy	Development of Robust In Vitro and Ex Vivo Assays to Support Drug Discovery Programs	Inner Ear: Drug Delivery
551222	Sara	Talaei	Factors Affecting Viral Vector-Mediated Gene Expression in the Cochlea	Inner Ear: Drug Delivery
549146	Yehoash	Raphael	Preferential Inner Hair Cell Transfection and Lack of Toxicity of Novel AAVs in Mature Guinea Pig Cochlea	Inner Ear: Drug Delivery
549172	Weidong	Qi	High Concentration of TAT-DRBD Protects against Ototoxicity Induced by Cisplatin in Cochlear Organotypic Cultures	Inner Ear: Drug Delivery
547402	Stefanie	Kennon-McGill	Drug Metabolizing Enzymes and Transporters in the Cochlea: Expression and Mechanistic Implications for Ototoxicity of Analgesics	Inner Ear: Drug Delivery
532556	James	Naples	Intratympanic Delivery of a Calcium-Channel Blocker-Hydrogel: A Novel Therapeutic Approach to Otoprotection against Cisplatin-induced Ototoxicity	Inner Ear: Drug Delivery
551036	Qi-Ying	Hu	Distribution and Retention of Neurotrophin-3 in Cochlea	Inner Ear: Drug Delivery
549910	Myung-Whan	Suh	Verification of Therapeutic and Adverse effect of Hyper-viscous Biogel for Intratympanic Drug Delivery	Inner Ear: Drug Delivery
549861	Myung-Whan	Suh	Hyper-viscous Biogel Vehicle Can Enhance the Quality of Inner Ear MRI Imaging	Inner Ear: Drug Delivery
549948	Harry	Chiang	Diffusion of Small Molecule in Thermoreversible Hydrogel Across a Perforated Membrane	Inner Ear: Drug Delivery
549711	Subhendu	Mukherjee	Magnetic Nanoparticle Mediated Local Delivery of Adeno-Associated Virus Vectors with Neurotrophin Gene Ameliorates Noise Induce Hearing Loss in Mice	Inner Ear: Drug Delivery
548524	Hinrich	Staecker	New vectorization approaches for inner ear gene therapy	Inner Ear: Drug Delivery
550302	David	Borkholder	Demonstration of a Wirelessly-Controlled Implantable Microsystem with Refillable Reservoir for Murine Inner Ear Drug Delivery	Inner Ear: Drug Delivery
554093	James	Liao	Dopaminergic and Cholinergic Regulation of Afferent Neuron Activity During Motor Behaviors in the Lateral Line System of Larval Zebrafish	Inner Ear: Innervation & Synaptic Transmission
550923	Radha	Kalluri	Auditory neurons' biophysical properties are correlated with their terminal position along the base of the inner hair cell.	Inner Ear: Innervation & Synaptic Transmission
550909	Radha	Kalluri	A vestibular ganglion model examines the role of KCNQ and HCN channels on spike-timing regularity	Inner Ear: Innervation & Synaptic Transmission
550997	A. Catalina	Velez-Ortega	Is Cochlear Innervation Altered in the Absence of TRPA1 channels?	Inner Ear: Innervation & Synaptic Transmission
551125	Anthony	Cacace	A New Category of Hidden-Hearing Loss in Humans with Blast-Induced Tinnitus	Inner Ear: Innervation & Synaptic Transmission
550784	Mark	Rutherford	Ribbon Synapse Morphology Before and After Noise Exposure in Vglut3 WT and KO IHCs: Glutamate-dependent and Glutamate-independent Effects	Inner Ear: Innervation & Synaptic Transmission
532728	Jingjing Sherry	Wu	The Role of D1-like and D2-like Dopamine Receptors in Lateral Olivocochlear Efferent Function	Inner Ear: Innervation & Synaptic Transmission
547992	Sonja	Pyott	Genetic Deletion of the Sodium-Activated Potassium Channels KNa1.1 and KNa1.2 Alters Activity of the Primary Auditory Neurons and Auditory Function in Mice	Inner Ear: Innervation & Synaptic Transmission
545416	Keiko	Hirose	CMV in Newborn Mice Induces Loss of Synapses Followed by Reduction in Spiral Ganglion Cells Accompanied by Progressive Hearing Loss	Inner Ear: Innervation & Synaptic Transmission
547756	Min Young	Lee	Change of paired-click ABR detection threshold after acoustic trauma: analysis in relation to synaptopathy	Inner Ear: Innervation & Synaptic Transmission
546602	Stephanie	Eckrich	Cochlea-specific deletion of Cav1.3 calcium channels before birth excludes causative role of the efferent feedback system for IHC immaturity in systemic Cav1.3 ^{-/-} mice and unravels pitfalls of conditional mouse models	Inner Ear: Innervation & Synaptic Transmission
549470	Jeong Han	Lee	Local Expression and Selective Activation of Sodium-Activated Potassium and Voltage-Activated Sodium Channels in Primary Auditory Neurons.	Inner Ear: Innervation & Synaptic Transmission
549624	Michael	Leitner	Deletion of β -Secretase BACE1 Causes Hearing Loss Through Synaptic Disorganization and Hypomyelination of Nerve Fibers in the Auditory Periphery	Inner Ear: Innervation & Synaptic Transmission
549857	Mansa	Gurjar	Pou3f4 In Otic Mesenchyme Regulates Spiral Ganglion Neuron Innervation Patterns In The Mammalian Cochlea	Inner Ear: Innervation & Synaptic Transmission
550368	Vicente	Lumbreras	Inactivating Kv Currents in Type II Hair Cells of the Mouse Utricle	Inner Ear: Innervation & Synaptic Transmission
549448	Aykut	Aksit	In-vitro Perforation of the Round Window Membrane via Direct 3-D Printed Microneedles	Inner Ear: Membranes & Fluids
553814	Yona	Vaisbuch	Inner Ear Aqueducts - anatomical study based on microCT	Inner Ear: Membranes & Fluids
543950	Xuanyi	Li	Pharmacokinetics of Gentamicin in Perilymph of Guinea Pigs with Endolymphatic Hydrops	Inner Ear: Membranes & Fluids
547032	Alfred	Nuttall	Sound Stimulated Changes in Cochlear Blood Flow are Blocked by Ablation of the Superior Cervical Ganglion in Wild-type but not salsa Mice	Inner Ear: Membranes & Fluids
546588	Daniel	Brown	Glycerol Enhanced Drug Delivery to the Endolymphatic Sac: Preliminary Results	Inner Ear: Membranes & Fluids
546592	Daniel	Brown	Chronic Endolymphatic Hydrops in a Guinea Pig after Antigen Injected into Scala Media.	Inner Ear: Membranes & Fluids
550175	Yin	Ren	Proteome of Normal Human Perilymph and Perilymph from People with Disabling Vertigo	Inner Ear: Membranes & Fluids
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549775	Gregory	Heard	TRPV4 Receptors as Multimodal Sensors of Inner Ear Fluids	Inner Ear: Membranes & Fluids
549658	Alec	Salt	Pharmacokinetic Properties Compared for Native and Fluorescent Analogs of Dexamethasone and Gentamicin in the Inner Ear	Inner Ear: Membranes & Fluids
549558	Jimsei	Jung	LCCL peptide of cochlin in the inner ear has an immune-surveillance by conglomerating macrophages and neutrophils against Pseudomonas infection	Inner Ear: Membranes & Fluids
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547930	Niliksha	Gunewardene	Inhibition of Lysine-Specific Demethylase 1 Causes Epigenetic Activation of Atoh1 in the Neonatal and Adult Cochlea	Inner-Ear Genomics & Gene Regulation
549446	Aaron	Tward	Cellular mapping of human hearing loss genes using single cell transcriptomic data	Inner-Ear Genomics & Gene Regulation
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550768	Veronica	Lamas	Development of Genome Editing Tools for Inner Ear Application	Inner-Ear Genomics & Gene Regulation
550738	Ksenia	Gnedeva	Sox2 transcription factors are required for establishment of sensory cell fate in the inner ear	Inner-Ear Genomics & Gene Regulation
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550605	Jian	Zuo	Gene expression and pathway analysis of cisplatin-treated cochlear cells	Ototoxicity I
550570	Asmita	Dhukhwa	Reciprocal Interaction Between Regulator of G-protein Signaling 17 and Cannabinoid Receptor 2 in Cochlea.	Ototoxicity I
554103	Janani	Iyer	Intracochlear Perfusion of Tumor Necrosis Factor-Alpha Induces Sensorineural Hearing Loss and Synaptic Degeneration in Guinea Pigs	Ototoxicity I
550873	Richard	Osgood	Serial Tomographic Reconstruction of a Damage Repair Process in Aminoglycoside-Treated Hair Cells	Ototoxicity I
551072	Mary	O'Sullivan	Hospital Gentamicin – Ototoxic and antimicrobial assessment of ten individual components	Ototoxicity I
549140	Yehoash	Raphael	Fate of Cochlear Cells Following DT Injection in the DTR Mouse	Ototoxicity I
545135	Peter	Steyger	Upregulation of Transient Receptor Potential Vanilloid 1 (TRPV1) Exacerbates Aminoglycoside-Induced Hearing Loss	Ototoxicity II
548693	Lisa	Cunningham	Exosomes Mediate Intercellular Communication in the Inner Ear	Ototoxicity II
550219	Soumen	Roy	Gut Microbiota Regulates Cochlear Immunity and Cisplatin Induced Inflammation	Ototoxicity II
550934	Richard	Osgood	GTTR Induces the Formation of Membranous Cytoplasmic Bodies in Cochlear Hair Cells	Ototoxicity II
550947	Richard	Osgood	Cisplatin Entry Routes and Ototoxicity in Mammalian Sensory Hair Cells	Ototoxicity II
548690	Phillip	Uribe	Development of Clinically Relevant Ex Vivo Models of Cisplatin-Induced Hearing Loss	Ototoxicity II
550541	Yohan	Song	Gentamicin subtype permeation of the hair cell mechanotransducer channel	Ototoxicity II
544861	Yoshinobu	Hirose	Screening Hair Cell Toxicity in Autophagy Library using the zebrafish lateral line	Ototoxicity II
548379	Tamara	Stawicki	The Role of Retrograde Intraflagellar Transport Genes in Aminoglycoside-Induced Hair Cell Death	Ototoxicity II
550602	Hao	Chinag	Expression Patterns of Wnt and Notch Signaling in Cochlear Hair Cell Injury Models	Ototoxicity II
552393	Shan	Zeng	Toxic effects of 3,3'-iminodipropionitrile on utricle in adult mice	Ototoxicity II
549285	Marlies	Knipper	Lower Ototoxicity and Absence of Hidden Hearing Loss point to Gentamicin C1a and Apramycin as Promising Antibiotics for Clinical Use	Ototoxicity II
551263	Kelly	Khomtchouk	The Role of Neutrophils in Pseudomonas aeruginosa Chronic Suppurative Otitis Media	Outer & Middle Ear: Biology
551105	Jian-Dong	Li	Positive and negative signalling pathways and new therapeutic targets in the pathogenesis of otitis media	Outer & Middle Ear: Biology
546118	Sung	Moon	Fine Structure of the Middle Ear	Outer & Middle Ear: Biology
543264	Masahiro	Takahashi	Downregulation of E-cadherin contributes to epithelial-mesenchymal transition and papillary invasion of epithelial cells in middle ear cholesteatoma.	Outer & Middle Ear: Biology
536539	Tomomi	Yamamoto-fukuda	Regulator of middle ear cholesteatoma formation: Neural crest derived cell under KGF initiation.	Outer & Middle Ear: Biology
546526	Huasong	Zhang	Lacking BMP5 weaken BMP-induced Chondrogenesis Differentiation of Human Adipose-Derived Mesenchymal Stem Cells in Microtia	Outer & Middle Ear: Biology
548877	Danielle	Trakimas	Otopathologic analysis reveals structure changes of the lamina propria of human tympanic membranes with chronic perforations	Outer & Middle Ear: Biology
551148	N Wendell	Todd	Height of the Jugular Bulb is Unrelated to Mastoid Size	Outer & Middle Ear: Biology
549556	Jing	Wang	Expression of Metalloproteinases in otitis media with effusion in children with atrophy of the eardrum	Outer & Middle Ear: Biology
539725	Naotaro	Akiyama	Evaluation of YAP Nuclear Translocation in a Rat Tympanic Membrane Under a Continuous Negative Pressure Load and in Human Middle Ear Cholesteatoma	Outer & Middle Ear: Biology
550507	Erik	Pierstorff	Extended Release Cipro-Dex Hydrogel for Middle Ear Infection	Outer & Middle Ear: Biology
549986	Simona	Padurariu	Histomorphometric Observations Suggesting the Development of Mastoid Sclerosis	Outer & Middle Ear: Biology
549940	Gentiana	Wenzel	Laser-induced Collagen Remodeling within the Tympanic Membrane	Outer & Middle Ear: Biology
549452	Stacey	Frumm	Lineage Tracing and Time-lapse Imaging Reveal Dynamics of Murine Tympanic Membrane Keratinocytes	Outer & Middle Ear: Biology
547627	Arwa	Kurabi	Establishment of Humanized Mouse Models for Studying Otitis Media	Outer & Middle Ear: Biology
539480	Allen	Ryan	Middle Ear Cellular Responses to Infection	Outer & Middle Ear: Biology

551117	Yona	Vaisbuch	Regular Wave Patterns on Ambient Pressure Tympanometry in Patients with Pulsatile Tinnitus-associated Pathologies	Outer & Middle Ear: Mechanics
551067	James	Easter	Derivation of a Simplified Middle Ear Model Using System Identification	Outer & Middle Ear: Mechanics
551020	Yona	Vaisbuch	Resting Ambient Pressure Tympanometry Provides Key Information Suggesting Alternative Diagnoses in Patients Tested for Patulous Eustachian Tube	Outer & Middle Ear: Mechanics
553843	David	Murphy	The eardrums report both eye movement and eye position: the full EMREO map	Outer & Middle Ear: Mechanics
553782	Cynthia	King	The Eardrums Move When the Eyes Move: Potential Future Clinical Implications	Outer & Middle Ear: Mechanics
549682	Christof	Roosli	Experimental Evaluation of a New Transcutaneous Bone Conduction Hearing Aid	Outer & Middle Ear: Mechanics
549924	Haimi	Tang	Comparative Study of the Tympanic Membrane in Normal and Experimentally Simulated Pathological Ears by Modal Analysis	Outer & Middle Ear: Mechanics
549887	Jae Hoon	Sim	Contribution of the Flexible Includomalleal Joint to Hearing under Static Pressure Change	Outer & Middle Ear: Mechanics
549820	Jae Hoon	Sim	Morphometry of the Human Stapedial Annular Ligament from Multiphoton Imaging	Outer & Middle Ear: Mechanics
549868	Haimi	Tang	Preliminary Investigations of Rupture of Human Tympanic Membrane subjected to High Pressure Loads	Outer & Middle Ear: Mechanics
550456	Marzieh	Golabbakhsh	Finite-element modelling based on optical coherence tomography and X-ray microCT data for the same human middle ear	Outer & Middle Ear: Mechanics
550635	Orhun	Kose	In-vivo vibration measurements of the gerbil eardrum under quasi-static pressures	Outer & Middle Ear: Mechanics
550755	Robert	Funnell	Imaging of the gerbil incudostapedial joint	Outer & Middle Ear: Mechanics
550383	Mohamed	Diop	Effect of Tensor Tympani on High Fidelity Sound Transmission Through the Middle Ear	Outer & Middle Ear: Mechanics
550246	Yona	Vaisbuch	Novel Application of Ambient Pressure Tympanometry for Superior Semicircular Canal Dehiscence Screening	Outer & Middle Ear: Mechanics
544210	Jonathan	Siegel	Two Procedures to Calibrate Microphones for High- frequency Auditory Experiments Yield Equivalent Results	Outer & Middle Ear: Mechanics
546322	Wei	Dong	Middle ear transmission recovery during the spontaneous healing process of tympanic membrane perforations in gerbil	Outer & Middle Ear: Mechanics
546938	Ute	Gamm	Actuator Performance for Different Coupling Configurations of the Cochlear™ Carina® Active Middle Ear Implant	Outer & Middle Ear: Mechanics
546917	Ute	Gamm	Do Ambient Pressure Changes Impact Coupling Efficiency of a Middle Ear Implant Actuator?	Outer & Middle Ear: Mechanics
546574	Parham	Mokhtari	Evaluation of an Efficient Numerical Computation of Pinna Resonance Sensitivity to Physiological Perturbations: Preliminary Results	Outer & Middle Ear: Mechanics
548285	Skyler	Jennings	Effects of High-level Contralateral Noise on Simultaneous Measurement of Electrocochleography and Ear Canal Pressure in Normal-hearing Adults	Outer & Middle Ear: Mechanics
547841	Ainhitze	Mendizabal	Lumped-Element Model of a Hearing Contact Lens for Tympanic Membrane Stimulation	Outer & Middle Ear: Mechanics
547845	Kren Rahbek	Nørgaard	Implications of Oblique Ear-Probe Insertions on Reflectance	Outer & Middle Ear: Mechanics
550832	Sonya	Smith	A Computational Model of Vestibular Fluid Response to Human Body Motion	Peripheral Vestibular System
549306	Ivan	Lopez	Pericytes populations identified by immunofluorescence in the Human Macula Utricle	Peripheral Vestibular System
547891	Koji	Nishimura	Generation of a Mouse Model of Unilateral Vestibular Dysfunction	Peripheral Vestibular System
545423	Kenna	Peusner	Expanding the Chick Embryo Model into Biomedical Research on Congenital Vestibular Disorders	Peripheral Vestibular System
545579	Ian	Curthoys	Guinea Pig Irregular Primary Otolithic Afferents Have More Precise Phase Locking to Sound and Vibration Than Cochlear Primary Afferents	Peripheral Vestibular System
546598	Daniel	Brown	Assessment of Utricular Nerve, Hair Cell, and Mechanical Function, In Vivo	Peripheral Vestibular System
549996	Vikrant	Borse	Mechanosensation-Mediated Yap1 Nuclear Localization in Supporting Cells of the Mouse Utricle.	Peripheral Vestibular System
549949	Courtney	Stewart	Transient and persistent effects of intense noise on the peripheral vestibular system	Peripheral Vestibular System
550820	Larry	Hoffman	Calbindin Distribution in Otoferlin-null Vestibular Epithelia	Peripheral Vestibular System
550693	Wu	Zhou	Single Unit Recording Studies of Vestibular Afferents in Mice Lacking Tmc1 and Tmc2	Peripheral Vestibular System
550754	Larry	Hoffman	Topographic Distribution of Efferent Projections in Murine Vestibular Epithelia	Peripheral Vestibular System
550530	Hong	Zhu	Loss of Sestrin2 (SESN2) Potentiates Noise-Induced Vestibular Deficits	Peripheral Vestibular System
550485	Holly	Holman	Developmental Calcium Transients in Mammalian Utricular Macula: From Spontaneous to Cholinergic	Peripheral Vestibular System
551063	Julia	Dlugaiczyk	Modification of Vestibular Afferent Discharge Properties by 4-Aminopyridine and Galvanic Stimulation in the Xenopus laevis Tadpole	Peripheral Vestibular System
550900	Katie	Rennie	Nav1.6-mediated Currents in Early Postnatal and Mature Vestibular Calyx Afferent Terminals	Peripheral Vestibular System
553990	Soroush	Sadeghi	A Novel Technique for Rapid and Innocuous Drug Delivery to Vestibular End Organs via Intracochlear Injection	Peripheral Vestibular System
551337	Stuart	Johnson	The Properties of Synaptic Transmission in Adult Mammalian Vestibular Hair Cells Differs Between Type I and Type II Cells	Peripheral Vestibular System
554123	Dan	You	Hair cells turnover widely exists in mammalian vestibular organs	Peripheral Vestibular System
550399	Holly	Holman	Cholinergic Eminentia Cruciatum Associated Cells Discovered in Mice	Peripheral Vestibular System
545839	Darrian	Rice	Changes in cardiovascular function and heart rate variability during infrared stimulation of vestibular endorgans	Peripheral Vestibular System
549287	Ivan	Lopez	Otopetrin Immunolocalization in the Human Macula Utricle	Peripheral Vestibular System
549375	Sung Huhn	Klim	Hypergravity Stimulation Deteriorates Vestibular Function With Hair Cell Degeneration In The Mouse With Selective P2RX2 Deficit	Peripheral Vestibular System
550176	Angelica	Perez Fornos	Electrically Evoked Compound Action Potentials obtained in humans with a Hybrid Cochlear-Vestibular Implant	Prosthetic Devices
550275	Angelica	Perez Fornos	Controlled Modulation of Posture with a Vestibular Implant in Humans	Prosthetic Devices
551050	Margaret	Chow	The Effect of Stimulation and Reference Electrode Location on Electrically-evoked Vestibulo-Ocular Reflex Eye Movements in Chinchillas	Prosthetic Devices
554000	Brian	Morris	The Effect of Common Crus Reference Electrode Depth on Electrically-evoked Vestibulo-Ocular Reflex Eye movements in Rhesus Macaque	Prosthetic Devices
549103	Chenkai	Dai	Intralabyrinthine vs Distant Reference Electrodes for Multichannel Vestibular Prosthesis in Rhesus Monkeys	Prosthetic Devices
548423	Kathleen	Cullen	Using Vestibular Prosthesis to Restore Yaw Rotation Perception in Primates with Bilateral Vestibular Hypofunction	Prosthetic Devices
549993	Felix	Aplin	Combined Ionic Direct Current and Pulse Frequency Modulation to Improve Dynamic Range of Vestibular Canal Stimulation	Prosthetic Devices
553652	Nori	Jacoby	The biological and cultural basis of rhythmic representations: a global survey of rhythm priors	Psychoacoustics: Some Current Trends
549812	Ruijing	Ning	Learning Interference from Sequential but Not Interleaved Training on Two Perceptual Tasks: Evidence That Anterograde Learning Interference Arises from an Interaction of Tasks in Different Learning Stages	Psychoacoustics: Some Current Trends
549723	Rebecca	Millman	Discrimination of Temporal Envelope Statistics as a Biomarker of Dysfunction in the Inner Hair Cell Pathway	Psychoacoustics: Some Current Trends
550120	Lucas	Hahn	Objective Quantification of Musical Features: A Python Algorithm for the Analysis of Music	Psychoacoustics: Some Current Trends
550164	Edward	Lobarias	Relationship Among Selective Inner Hair Cell Loss, Auditory Brainstem Response Amplitudes, Distortion Product Otoacoustic Emissions and Gap Detection in Carboplatin Treated Chinchillas	Psychoacoustics: Some Current Trends
550277	Emily	Buss	Effects of listener response bias and temporal uncertainty for observer-based threshold estimation	Psychoacoustics: Some Current Trends
548901	Katja	Bleckmann	Effects of acoustic overstimulation on hearing loss in C57BL/6.CAST mice missing the glutathione peroxidase	Psychoacoustics: Some Current Trends
548163	Malinda	McPherson	Assessing Pitch Perception Using Sung Responses	Psychoacoustics: Some Current Trends
548487	Kelly	Radziwon	Effect of stimulus duration, bandwidth, and background noise on loudness growth in rats	Psychoacoustics: Some Current Trends
547293	Malinda	McPherson	Representation of Dissonance Is Culturally Invariant Even Though Aesthetic Responses to Dissonance Are Not	Psychoacoustics: Some Current Trends
549440	Nori	Jacoby	Individual Differences and Cross-cultural Variation in Pitch Perception Revealed by Sung Reproduction	Psychoacoustics: Some Current Trends
549210	Mark	Saddler	Neural Networks Trained to Estimate F0 from Natural Sounds Replicate Properties of Human Pitch Perception	Psychoacoustics: Some Current Trends
551146	Stephen	Van Hedger	Absolute Pitch Perception for Challenging Notes Relates to Cognitive, Linguistic, and Musical Factors	Psychoacoustics: Some Current Trends
550470	Elizabeth	Strickland	Physiological and Psychoacoustical Measures of Two Different Auditory Efferent Systems	Psychoacoustics: Some Current Trends
550581	Juraj	Mesik	Investigating the Role of Dynamic Range Adaptation to Level Statistics in Detection of Amplitude Modulation Using Fixed-level and Roved-level Tones in Noise	Psychophysical Characterization of Normal & Impaired Ears
550145	Daniel	Guest	Pitch Perception of Concurrent High-frequency Complex Tones	Psychophysical Characterization of Normal & Impaired Ears
550449	Laurel	Carney	Neural Fluctuation Profiles: Yet Another Model for Pitch	Psychophysical Characterization of Normal & Impaired Ears
550348	Anahita	Mehta	Investigating the Parameters of Temporal Integration in Pitch	Psychophysical Characterization of Normal & Impaired Ears
550325	G. Christopher	Stecker	Spectral Weighting for Sound Localization in the Free Field	Psychophysical Characterization of Normal & Impaired Ears
551032	Anisha	Noble	Effect of Auditory Spectral Degradation on Shape of Spectral Modulation Transfer Function in Normal Hearing Adults	Psychophysical Characterization of Normal & Impaired Ears
550898	Gabriella	Musacchia	Discrimination of Periodicity and Pitch Effects in Musicians and Non-musicians	Psychophysical Characterization of Normal & Impaired Ears
549715	Jean-Luc	Puel	Binaural Psychoacoustic Protocols to Explore Phase Locking in Human	Psychophysical Characterization of Normal & Impaired Ears
549845	Alexander	Clain	Within-Subject Average Performance and Performance Consistency Across Years of Musical Training for Frequency and Temporal-Interval Discrimination Tasks	Psychophysical Characterization of Normal & Impaired Ears
547900	Sarah	Attia	Internal noise for AM and FM detection: Effects of modulation rate and age	Psychophysical Characterization of Normal & Impaired Ears
544158	Yang soo	Yoon	Spectral Integration in Normal Hearing Listeners	Psychophysical Characterization of Normal & Impaired Ears
544165	Yang soo	Yoon	Temporal Integration in Normal Hearing Individuals	Psychophysical Characterization of Normal & Impaired Ears
547603	Paolo	Mesiano	Characterizing the Role of Hearing Loss in Comodulation Masking Release: Behavioral Measurements and Computational Model Predictions	Psychophysical Characterization of Normal & Impaired Ears
549299	Fatima	Ali	Hearing the Ending: Psychophysical Measures of Sound-Offset Sensitivity	Psychophysical Characterization of Normal & Impaired Ears
549595	Robert	Carlyon	Can Listeners Hear the "Missing Fundamental" Pitch by Combining Groups of Unresolved Harmonics of Different Constituent Pitches?	Psychophysical Characterization of Normal & Impaired Ears

549068	Hari	Bharadwaj	Individual Differences in Spatial Hearing may arise from Monaural Factors	Psychophysical Characterization of Normal & Impaired Ears
548802	Langchen	Fan	Physiological Model Simulations of Comodulation Masking Release for Listeners with Normal Hearing and Hearing Loss	Psychophysical Characterization of Normal & Impaired Ears
548657	Torsten	Marquardt	Masking and Suppression of Infrasound Tones by Higher Frequency Tones	Psychophysical Characterization of Normal & Impaired Ears
549735	Sittiprapa	Isarangura	The Effects of Duration and Level on Spectral Modulation Perception	Psychophysical Characterization of Normal & Impaired Ears
550835	David	Eddins	The effects of duration on monaural and binaural temporal fine structure coding	Psychophysical Characterization of Normal & Impaired Ears
550446	Jennifer	Gay	Effects of Gap Position on Perceptual Gap Detection Across Development	Psychophysical Characterization of Normal & Impaired Ears
550071	Anisha	Noble	Spectral Ripple Discrimination in Normal Hearing Infants Using Static and Dynamic Spectral Resolution Testing	Psychophysical Characterization of Normal & Impaired Ears
546578	Raymond	van de Berg	The Vestibular Implant: Restoring the High-Frequency Visual Stabilization Abilities	Receptors, Afferents, Brains & Behaviors
548912	Benjamin	Crane	A Novel Virtual Reality Technique to Adapt Heading Perception in the Horizontal Plane in Unilateral Vestibular Loss	Receptors, Afferents, Brains & Behaviors
550221	Angelica	Perez Fornos	Restoration of the High-Frequency, Angular Vestibulo-Ocular Reflex with a Vestibular Implant in Humans	Receptors, Afferents, Brains & Behaviors
550002	Kathleen	Cullen	Neural Correlates of Galvanic Vestibular Stimulation in the Alert and Behaving Macaque	Receptors, Afferents, Brains & Behaviors
547238	Kazuya	Ono	Striola and Crista Central Zone of the Vestibular Organs Are Required for Rapid, Transient Vestibular Activities	Receptors, Afferents, Brains & Behaviors
547544	Marta	Iversen	The Role of Quantal and Non-Quantal Synaptic Transmission in Auditory Frequency Phase Locking of Calyx-Bearing Vestibular Afferent Neurons	Receptors, Afferents, Brains & Behaviors
550772	Srinivasu	Kallakuri	In Vivo Mapping of Graded Linear Acceleration in Central Vestibular Pathways	Receptors, Afferents, Brains & Behaviors
548085	Federica Maddalena	Raciti	Infrared Photo-sensitivity in the Vestibular Neuroepithelium is Modulated by TRPV4	Receptors, Afferents, Brains & Behaviors
550762	Will	McLean	Lgr5+ Cochlear Progenitor Cell Proliferation is Driven by the Combined Activation of the Wnt, Non-Canonical Notch, and PI3K Pathways	Regeneration I
550647	Patricia	White	Improved Hearing Recovery After Noise Damage Following ERBB2 Activation in Genetically Modified Mice	Regeneration I
550347	Craig	Hanna	Medial and Lateral Supporting Cells Preferentially Adopt IHC and OHC Fate Respectively	Regeneration I
549546	Monika	Gaus	Evidence for stem/progenitor cells in the human postmortem adult inner ear	Regeneration I
548240	Nathaniel	Kastan	YAP-Activating Small Molecules for Inner Ear Regeneration	Regeneration I
548932	Hiroe	Ohnishi	Trial for Improvement of Hair Cell Induction Method from Human Induced Pluripotent Stem Cell	Regeneration I
550633	Jian	Zuo	Combinatory application of p27Kip1 antagonists and Pou4f3 agonists in promoting hair cell regeneration in adult mice in vivo	Regeneration I
550401	Litao	Tao	Epigenetic Regulation of Supporting Cell Fate, and Transdifferentiation Potential, in the Perinatal Organ of Corti: a Role for "Bivalency" and H3K27ac.	Regeneration I
550694	Matthew	West	Sustainable Hair Cell Regeneration and Clinically-Significant Hearing Recovery Through Pharmacologic Silencing of Hes1 Expression Using siRNA Nanoparticle Technology	Regeneration II
549751	Roberto	Rodriguez Morales	Importance of Atf5a and Atf5b in Hair Cell Development and Regeneration in the Larval Zebrafish Lateral Line	Regeneration II
550657	Xiaorui	Shi	NG2-Derived Resident Pericytes Control Sprouting Angiogenesis in the Cochlea	Regeneration II
550479	Jennifer	Stone	Stimulus-Evoked Activity in Vestibular Nucleus Neurons is Reduced After Hair Cell Regeneration as Measured by cFos Accumulation in Adult Mice	Regeneration II
549981	Michelle	Randle	Expression of Transcription Factors that Regulate Differentiation and Survival in Regenerated Hair Cells of the Neonatal Mouse Cochlea	Regeneration II
550903	Judith	Kempfle	Lin28 promotes proliferation and neural cell fate in adult cochlear glial cells after damage	Regeneration II
551107	R. Keith	Duncan	Vesicle Autonomous Maturation into Inner Ear Organoids	Regeneration II
550119	Justine	Renauld	Neural Crest Cell Injection as a Strategy to Treat Congenital Strial Deafness	Regeneration II
550811	David	Jung	A Small Molecule Neurotrophin-3 analogue Promotes Spiral Ganglion Neuron Outgrowth and Synaptogenesis In Vitro	Regeneration II
549554	Verena	Scheper	Hydrogels as Matrix for Neuritogenesis of Spiral Ganglion Neurons	Regeneration II
549309	Yoshinori	Takizawa	An in vivo model for thyroid regeneration and folliculogenesis	Regeneration II
537281	Marie	Kubota	Distinctive Proliferative Features of Neonatal Mouse Organ of Corti Supporting Cells	Regeneration II
544726	Melissa	McGovern	Supporting Cells in the Adult Mouse Cochlea Convert into Hair Cells After Reprogramming with Multiple Hair Cell Transcription Factors	Regeneration II
548745	Davood	Hosseini	Inner Ear Vestibular Organs of Vestibular Schwannoma Patients Reveal Features of Sensory Cell Precursors	Regeneration II
548712	Hiroki	Takeda	Transplantation of human pluripotent stem cell-derived cells into the selectively ablated mouse organ of Corti	Regeneration II
548768	Allison	Coffin	Do Highly Conserved Protein Sequences in Non-Mammalian Vertebrates Modulate Hair Cell Regeneration in Zebrafish?	Regeneration II
549252	Mikolaj	Kozlowski	A Highly Supplemented Medium Thins F-actin Bands and Stimulates Proliferation of Supporting Cells in Murine Ultricles	Regeneration II
548460	Amrita	Iyer	Combinatorial expression of transcription factors Atoh1, Gfi1 and Pou4f3 enable the production of ectopic hair cells in the Greater Epithelial Ridge region of the neonatal mouse cochlea	Regeneration II
548055	Mami	Matsunaga	Trans-differentiation of supporting cells into hair cells in explant cultures of chick basilar papillae following exposure to streptomycin	Regeneration II
542434	Renjie	Chai	Two-photon imaging tracks neural stem cells via indium complex-encapsulated polymeric nanospheres	Regeneration II
548880	Xiang	Li	In vivo simultaneous ectopic expression of Neurog1 and Neurod1 converts cochlear glia cells into neurons	Regeneration II
544879	Renjie	Chai	Cochlear Implant-Based Electrical Stimulation Modulates Neural Stem Cell-Derived Neural Regeneration	Regeneration II
547379	Jingyuan	Zhang	ErbB Family Signaling Drives Proliferation of Greater Epithelial Ridge (GER) Cells In Vitro	Regeneration II
550364	Kelvin	Kwan	Chd7 is Enriched at Cis-Regulatory Elements in Immortalized Multipotent Otic Progenitors	Regeneration II
550245	Zhenjie	Liu	Identification of Neural Stem Cells from Postnatal Mouse Auditory Cortex	Regeneration II
550489	Jian	Zuo	Roles of Differentially Expressed Transcription Factors in Atoh1-Mediated Supporting Cell Trans-differentiation to Outer Hair Cells in Mature Cochlea	Regeneration II
550469	Yehoash	Raphael	Forced Expression of Gfi-1 Enhances Atoh1-Induced Cochlear Hair Cell Regeneration	Regeneration II
550515	Joshua	Bernstein	Visual Speech Cues Increase the Relative Importance of Low-Frequency Speech Information	Speech Perception
547880	Emma	Holmes	Normal Hearing Thresholds and Figure-Ground Perception Explain Significant Variability in Speech-in-Noise Performance	Speech Perception
549169	Stefanie	Kuchinsky	Examining the Relationship between Pupillary and Neural Indices of Effortful Listening	Speech Perception
549881	Aravindakshan	Parthasarathy	Individual Variability in Temporal Fine Structure Processing Underlying Speech-in-noise Intelligibility in Listeners with "Normal" Audiograms	Speech Perception
534695	Leo	Varnet	Comparing the Perceptual Strategies of Normal-Hearing and Hearing-Impaired Listeners in a Consonant Discrimination Task	Speech Perception
547173	Erika	Skoe	Noise Exposure May Diminish the Musician Advantage for Perceiving Speech in Noise	Speech Perception
551246	Francis	Smith	The Dynamics of Lexical Access Change Depending on Listener Needs in Cochlear Implant Users: The Effect of Sentence Context	Speech Perception
554082	Yunan	Wu	Behavioral and electrophysiological evidence of incidental learning across continuous speech	Speech Perception
550551	Somayeh	Shahsavarani	Hidden Intelligibility: Interaction between Independent Acoustic Dimensions and Word Predictability	Speech Perception: Intelligibility
549171	David	Morris	Electrophysiological and Behavioral Measures of Some Speech Contrasts in Attention Conditions and Noise	Speech Perception: Intelligibility
543791	Subong	Kim	Selective Attention Training Enhances Speech-in-Noise Recognition	Speech Perception: Intelligibility
544126	Yang soo	Yoon	Comparisons in Consonant Recognition Enhancement with and without Conflicting Acoustic Cues	Speech Perception: Intelligibility
545132	Adrian	Cho	A Task for Inducing Reliability Expectations for Speech Comprehension Under Noisy Conditions	Speech Perception: Intelligibility
549282	Carolyn	McClaskey	Speech-In-Noise Recognition Is Predicted By Subcortical Envelope Representations In Younger And Older Adults	Speech Perception: Intelligibility
550105	Elaine	Thompson	Neurophysiological, Linguistic, and Cognitive Predictors of Children's Ability to Perceive Speech in Noise	Speech Perception: Intelligibility
550289	Kyung-Joong	Kim	Cochlear implant-induced changes of speech-in-noise processes in single-sided deafness	Speech Perception: Intelligibility
550715	Sandra	Gordon-Salant	Speech Understanding in Real-World Environments: Comparison of Monaural and Binaural Listening	Speech Perception: Intelligibility
546528	Virginia	Best	The Importance of High-Frequency Information for Understanding "Glimpsed" Speech	Speech Perception: Intelligibility
546520	Virginia	Best	Can Energetic Masking of Competing Talkers Increase Informational Masking?	Speech Perception: Intelligibility
546986	Lori	Leibold	Effect of Harmonic Structure on Speech-in-Speech Recognition in 5- to 7-year-olds and Adults	Speech Perception: Intelligibility
551116	Vibha	Viswanathan	Neurophysiological Validation of Envelope-based Models of Speech Intelligibility	Speech Perception: Intelligibility
547909	Enrique	Lopez-Poveda	Speech Predictability Hinders Sentence Recognition in Difficult Listening Conditions	Speech Perception: Intelligibility
551207	Bob	McMurray	Integration of Speech Information (or not) across Multiple Cochlear Implants and/or Acoustic Modes of Hearing.	Speech Perception: Intelligibility
551242	Francis	Smith	Lexical Access in the Face of Degraded Speech: Dealing with Uncertainty Through Cognitive Adaptation	Speech Perception: Intelligibility
549706	Jaelyn	Schurman	Effects of Listener Age, Masker Type and Cognitive Function on Discourse Comprehension and Intelligibility Performance	Speech Perception: Intelligibility
545731	Emily	Buss	Contribution of Stimulus Variability to Word Recognition in Noise vs. Two-talker Speech for School-age Children and Adults	Speech Perception: Intelligibility
548741	Zahra	Ghasemahmad	Valence of Mating but not Restraint Vocalizations is Perceived Differently by Male and Female mice	Speech Perception: Musicianship, Models & Mechanisms
551099	Neeraj	Sharma	Talker Change Detection: A comparison of human and machine performance	Speech Perception: Musicianship, Models & Mechanisms
551134	Sungmin	Lee	The Effect of Broadening Auditory Filters on Perception of Speech in Noise with Linear and Nonlinear Hearing Aids	Speech Perception: Musicianship, Models & Mechanisms
551145	Anne	Luebke	Validation of a Forced-Choice (2-AFC) Speech-In-Noise Test Against the HINT Test: Effects of Musical Training and Musical Aptitude on Auditory Filtering Abilities	Speech Perception: Musicianship, Models & Mechanisms
551187	Anne	Luebke	Musical Experience, Pitch Perception, and Tone Language Discrimination through Noise	Speech Perception: Musicianship, Models & Mechanisms

551195	Cyan	McFarlane	Event-related Potential Correlates of Auditory Frequency Discrimination	Speech Perception: Musicianship, Models & Mechanisms
554126	Tobias	Overath	Online Assessment of Statistical Learning Through Event-Related Potentials	Speech Perception: Musicianship, Models & Mechanisms
549603	Sara	Misurelli	Pupillometry Studies in Individuals with Single-sided Deafness: impact of trial inclusion criteria	Speech Perception: Musicianship, Models & Mechanisms
549758	Anne	Luebke	Musical Aptitude Predicts Auditory Filtering in Young Adults and Children with Autism Spectrum Disorder (ASD)	Speech Perception: Musicianship, Models & Mechanisms
537545	Mikolaj	Kegler	Computational Model for the Modulation of Speech-in-noise Comprehension Through Transcranial Electrical Stimulation	Speech Perception: Musicianship, Models & Mechanisms
534681	Karen	Banai	Tasks, Talkers and the Perceptual Learning of Time-Compressed Speech	Speech Perception: Musicianship, Models & Mechanisms
546632	James	Rankin	Network Model to Quantify the Effect of Reduced Audibility on Cognitive Processes	Speech Perception: Musicianship, Models & Mechanisms
549247	Trevor	Perry	Audibility and Subjective Preference in Self-Adjustment of Hearing Aid Gain	Speech Perception: Musicianship, Models & Mechanisms
549251	Guillaume	Andeol	Self-Reported and Measured Hearing Difficulties in Noise in a Population of Normal-Hearing to Mildly Hearing-Impaired Adults.	Speech Perception: Musicianship, Models & Mechanisms
548938	Gavin	Bidelman	Audiovisual Cues Influence the Categorical Perception of Clear and Degraded Speech	Speech Perception: Musicianship, Models & Mechanisms
548939	Gavin	Bidelman	Linguistic, Perceptual, and Cognitive Factors Underlying Musicians' Benefits in Noise-Degraded Speech Perception	Speech Perception: Musicianship, Models & Mechanisms
548388	Adam	Bosen	Auditory and Cognitive Moderators of the Relationship Between Speech Recognition and Short-Term Memory	Speech Perception: Musicianship, Models & Mechanisms
550807	Ross	Maddox	Rotated Faces Reduce Listening Benefit of Visual Speech Cues Despite Preserved Temporal Coherence	Speech Perception: Musicianship, Models & Mechanisms
550112	Fatima	Husain	Relation between Gray Matter Volume and Speech-in-noise Performance in Tinnitus Patients with Normal Hearing Sensitivity	Speech Perception: Musicianship, Models & Mechanisms
550100	Christopher	Bergevin	Overtone Focusing in Tuvan Throat Singing	Speech Perception: Musicianship, Models & Mechanisms
553082	Hynek	Hermansky	Deriving Spectro-Temporal Properties of Hearing from Speech Data	Speech Perception: Musicianship, Models & Mechanisms
550569	Kenneth	Jensen	Hearing Impairment Reduces the Fluctuating-Masker Benefit for High-Rate but not for Low-Rate Modulated-Noise Maskers	Speech Perception: Musicianship, Models & Mechanisms
550735	Julia	Huyck	Perceptual Learning of Spectrally Degraded Speech may be Impaired by Auditory Distraction in Adolescence	Speech Perception: Musicianship, Models & Mechanisms
551006	Ming	Zhang	Test-Retest Variability in Recordings of Low Frequency Cochlear Microphonic Waveforms Using Canal Electrodes in Normal Hearing Subjects	Surgical Innovation
550229	William	Riggs	Acoustically Evoked Cochlear Response Magnitudes in Cochlear Implant Patients Using High Intensity Low Frequency Tone Bursts	Surgical Innovation
549337	Renee	Friedman	Novel Three-Dimensionally Printed Bony Magnets for Biomimetic Reconstruction Following Canal Wall Down Mastoidectomy	Surgical Innovation
549851	Jae Hoon	Sim	Angular positioning of prosthesis in stapes surgeries	Surgical Innovation
548554	Hinrich	Staecker	microRNA profiling in the human inner ear perilymph of cochlear implant patients	Surgical Innovation
550944	Christine	Dinh	DNA Methylation May Affect Response to MEK Inhibitors in Primary Human Vestibular Schwannomas	Surgical Innovation
533293	Shan	He	The Application of CineMRI in Evaluation of Upper Airway Obstruction Levels in Pediatric OSAS	Surgical Innovation
550930	Francis	Creighton	A Bone Conducting Distortion Product Otoacoustic Emissions System for Low Resource Settings	Surgical Innovation
551138	Nicole	Black	Optimization of Fibroblast Alignment and Collagen Deposition on 3D-Printed Biodegradable Polyurethane Tympanic Membrane Grafts In Vitro and In Vivo	Surgical Innovation
554122	Nicole	Jiam	Key Anatomical Landmarks for CT-Based Measurements in Cochlear Implant Users	Surgical Innovation
549197	Peng	Zan	Cortical Over-representation of Speech in Older Listeners Correlates with a Reduction in both Behavioral Inhibition and Speech Intelligibility	Symptoms of Age-Related Hearing Loss in Humans
548934	Gavin	Bidelman	Afferent-Efferent Connectivity Between Auditory Brainstem and Cortex Accounts For Poorer Speech-In-Noise Comprehension In Older Adults	Symptoms of Age-Related Hearing Loss in Humans
549055	Stéphane	Maison	High-frequency masking reveals peripheral deficits in normal-hearing listeners with poor speech recognition	Symptoms of Age-Related Hearing Loss in Humans
548809	Samira	Anderson	Role of the Auditory Periphery in Self-Assessment of Hearing Ability in Younger and Older Adults	Symptoms of Age-Related Hearing Loss in Humans
549774	Olga	Stakhovskaya	Aging Effects on the Auditory Evoked Cortical Potentials in Cochlear-Implant Users: The Role of Stimulus Presentation Rate	Symptoms of Age-Related Hearing Loss in Humans
549697	Samira	Anderson	Blocked Training, but not Randomized Training, Leads to Improvement in Temporal Rate Discrimination and Increased Energy in Auditory Steady State Responses	Symptoms of Age-Related Hearing Loss in Humans
549729	Wu	Xu	Factors Associated to the Efficiency of Hearing Aids on Presbycusis Patients	Symptoms of Age-Related Hearing Loss in Humans
549668	Samira	Anderson	Age-Related Degradation is more Evident for Speech Stimuli with Longer than with Shorter Consonant Transitions	Symptoms of Age-Related Hearing Loss in Humans
545099	Charles	Liberman	Techniques for Assessing Fractional Hair Cell Survival in Archival Human Temporal Bones: New Insights from Old Specimens	Symptoms of Age-Related Hearing Loss in Humans
546220	Adam	Paulsen	The Effects of Cadmium and Lead Exposure on Incidence of Olfactory Impairment and Decline in a Cohort of Middle-aged Adults	Symptoms of Age-Related Hearing Loss in Humans
546364	Peng	Zan	Mutual Information Analysis of Neural Representations of Speech in Noise in the Aging Midbrain	Symptoms of Age-Related Hearing Loss in Humans
543392	Sandra	Gordon-Salant	Effects of Age and Native Language on Discrimination of Rhythmic Tonal Sequences	Symptoms of Age-Related Hearing Loss in Humans
543530	Sandra	Gordon-Salant	Detection and Recognition of Asynchronous Audiovisual Sentences by Younger and Older Adults	Symptoms of Age-Related Hearing Loss in Humans
535067	Robert	Ruben	Redefining Survival of the Fittest – Redux 2019	Symptoms of Age-Related Hearing Loss in Humans
535821	Sharon	Curhan	A Longitudinal Study of Hearing Loss and Risk of Subjective Cognitive Function Decline in Men	Symptoms of Age-Related Hearing Loss in Humans
548449	Chama	Belkhiria	Apathy In Presbycusis Is Related With Brain Atrophy And Functional Loss	Symptoms of Age-Related Hearing Loss in Humans
547898	Enrique	Lopez-Poveda	Evidence for Age-related Cochlear Synaptopathy Unconnected to Auditory Temporal Processing Deficits in Humans	Symptoms of Age-Related Hearing Loss in Humans
549283	Sharon	Curhan	The Dietary Approaches to Stop Hypertension (DASH) Diet and Risk of Hearing Threshold Decline	Symptoms of Age-Related Hearing Loss in Humans
549273	Jamie	Shade	Software Application Development and Acoustic Validation of a Sound Field Hearing Screening Tool	Symptoms of Age-Related Hearing Loss in Humans
548716	Stephanie	Szobota	Modified versions of NT-3 enable enhanced activation of TrkB and TrkC responses in ex vivo models relevant to cochlear synaptopathy	Synaptopathy & Hidden Hearing Loss
547743	Min Young	Lee	Round-window delivery of lithium chloride using P407 regenerates cochlear synapses after acoustic overexposure	Synaptopathy & Hidden Hearing Loss
545545	Christopher	Plack	Effects of Noise Exposure on Young Adults with Normal Audiometric Thresholds	Synaptopathy & Hidden Hearing Loss
545064	Charles	Liberman	Virally-mediated NT3 Overexpression Minimizes Noise-induced Cochlear Synaptopathy	Synaptopathy & Hidden Hearing Loss
545088	Charles	Liberman	Hidden Hearing Loss in Human Temporal Bones: Deafferentation of Surviving Inner Hair Cells in the Aging Ear	Synaptopathy & Hidden Hearing Loss
550400	Rachael	Ward	AC102 in the Treatment of Functional Hearing Loss and Synaptopathy in a Guinea Pig Model of Noise-Induced Hearing Loss	Synaptopathy & Hidden Hearing Loss
550582	Tina	Pangrsic	Inner Hair Cell Synaptic Changes upon Noise Exposure	Synaptopathy & Hidden Hearing Loss
550563	Sharon	Kujawa	Cochlear Synaptic Loss after Gaussian and Non-Gaussian Noise Exposure	Synaptopathy & Hidden Hearing Loss
547919	Isabel	Varela-Nieto	Mapk14 deletion reduces noise-induced hearing loss	Synaptopathy & Hidden Hearing Loss
548351	Ning	Hu	Protection of Noise-induced Cochlear Synaptopathy by Systemic Administration of a Selective CP-AMPR Antagonist	Synaptopathy & Hidden Hearing Loss
550879	Hongzhe	Li	Distribution of Ribbon Synapses Correlated with Hearing Decline after a Single Dose of Ototoxic Injury	Synaptopathy & Hidden Hearing Loss
551122	Brandon	Bizup	Enhanced Resilience to Noise-Induced Hearing Loss in Mice Lacking the Vesicular Zinc Transporter ZnT3	Synaptopathy & Hidden Hearing Loss
553893	Sharon	Kujawa	Noise-Induced Cochlear Synaptopathy in Inbred Strains of Mice	Synaptopathy & Hidden Hearing Loss
549543	Yutaka	Koizumi	ROCK inhibitor Y-27632 accelerates auditory nerve fiber growth and synapse formation after excitotoxic trauma in organotypic culture of cochlea	Synaptopathy & Hidden Hearing Loss
549638	Ning	Yu	Experimental Study of Animal Model and Protection of Hidden Hearing Loss	Synaptopathy & Hidden Hearing Loss
549266	Jianxin	Bao	Detecting Metaplasticity after Cochlear Synaptopathy	Synaptopathy & Hidden Hearing Loss
550253	Jun-Ping	Bai	The Mechanism of PKA Modulation on BK Currents in Chick Hair Cell	Temporal Bone Pathology & Histology
550860	Mark	Rutherford	The Unique Gating Range of Inner Hair Cell Calcium- and Voltage-activated BK Channels is Defined by Gamma2, but not Gamma1, Regulatory Subunits	Temporal Bone Pathology & Histology
549105	Anna	Lysakowski	Inner Ear Mitochondria Characterized By EM Tomography And Metabolic Analysis Into Distinct Subpopulations	Temporal Bone Pathology & Histology
548692	Bonnie	Jacques	Evaluation of Rapid Decalcification Methods for Histological Assessment of Rodent Temporal Bones	Temporal Bone Pathology & Histology
553595	Josef	Trapani	Lateral Line Hair Cell Activity Modulates the Latency of Zebrafish Startle Responses	Temporal Bone Pathology & Histology
553622	Josef	Trapani	Electrical Stimulation Induces Morphological Changes in Lateral-Line Organs of Larval Zebrafish	Temporal Bone Pathology & Histology
550952	Uri	Manor	High resolution imaging of marmoset inner ear hair cells	Temporal Bone Pathology & Histology
550025	Jarnail	Singh	Targeted Deletion of Pou4f3 from Hair Cells Causes Apoptotic Hair Cell Death Followed by Loss of Supporting Cells in the Mouse Cochlea	Temporal Bone Pathology & Histology
549750	Hui	Liu	Cellular differences in the cochlea of C57BL/6 and CBA mice may underlie their difference in susceptibility to hearing loss	Temporal Bone Pathology & Histology
550976	Hongzhe	Li	Congenital Middle Ear Cholesteatoma Associated with Isolated Congenital Ossicular Anomalies	Temporal Bone Pathology & Histology
550058	Sumana	Ghosh	Comparisons of Methods to Improve Immunofluorescence Staining of Human Temporal Bone Samples	Temporal Bone Pathology & Histology
549596	Feng	Bo	Tuberculous otitis media and mastoiditis without lung involvement in a 3-month-old baby girl-A case Report	Temporal Bone Pathology & Histology
550523	Renata	Knoll	Changes to the Vestibular Peripheral System Following Head Injury: A Human Otopathologic Study	Temporal Bone Pathology & Histology
550600	Renata	Knoll	Otopathologic Changes in the Cochlea Following Head Injury with and without Temporal Bone Fracture	Temporal Bone Pathology & Histology
545745	Kazuma	Sugahara	Expression of advanced glycation end-product in the cultured utricles	Temporal Bone Pathology & Histology
545007	Takefumi	Kamakura	Osteoclastic activity in the human temporal bone – Possible relevance to dehiscence of the superior semicircular canal (SSCD)	Temporal Bone Pathology & Histology
547284	Tadao	Okayasu	Degeneration of the neuroepithelium of the cristae ampullares and a thickened subepithelial extracellular deposit in the human.	Temporal Bone Pathology & Histology
548484	Kathleen	Yee	Cellular Consequences of Zika Virus Infection on the Cochlea in a Mouse Model	Temporal Bone Pathology & Histology

549272	Megan	Ballard	The Prevalence of Hearing Loss Among Infants with In Utero Zika Virus Exposure	Temporal Bone Pathology & Histology
550979	Carlos	Green	Characterizing Chemotherapy-induced Dysgeusia in a Mouse Model	Temporal Bone Pathology & Histology
549475	Jeong Han	Lee	Structural and Functional Analyses of Age-related Changes in Outer Hair Cell Mitochondria.	Temporal Bone Pathology & Histology
548852	Tingting	Du	The MRTF-SRF Circuit in Hair Cell Function and Maintenance	Temporal Bone Pathology & Histology
546993	Jutta	Engel	Expression Of The BK Channel γ Subunit LRRc52 (γ 2) In Mouse Inner Hair Cells And The „BK Channel Activation Paradox“	Temporal Bone Pathology & Histology
568327	Nate	Williams	Session Tool Test	Test Test
548785	Jinsheng	Zhang	Mechanisms Underlying Cochlear Electrical Stimulation-Induced Tinnitus Suppression	Tinnitus
549178	Robert	Levine	Subjective Pulsatile Tinnitus [if Somatosensory]: (A) Does Not Require Imaging and (B) Can Be Abolished	Tinnitus
550423	Mathew	West	NHPN-1010, a Phase II-ready Oral Drug Demonstrates Excellent Pre-clinical Effectiveness in Treating Blast- and Noise-induced Tinnitus.	Tinnitus
550286	Hubert	Lim	Safety and Long-Term Efficacy of a New Bimodal Sensory Neuromodulation Treatment for Tinnitus Evaluated Through a Randomized Clinical Trial in 326 Patients	Tinnitus
549527	Shi-Nae	Park	An Experimental Study of Stress Induced Tinnitus in a Dual Stress Rat Model	Tinnitus
551269	Phillip	Tran	Tinnitus Treatment Using Non-invasive and Minimally-invasive Electric Stimulation	Tinnitus
550088	Fatima	Husain	Tinnitus-related Changes in Intrinsic Neural Networks	Tinnitus
549662	LaGuinn	Sherlock	Effect of Tinnitus on Reaction Time and Short-Term Memory	Tinnitus
550929	Pranav	Mathur	Synaptopathy May Precede Hearing Loss in Mice and Humans Post Congenital Cytomegalovirus Infection.	Tinnitus & Hearing Loss: Clinical Studies
550918	Katie	Turner	Effects of Age, Hearing Loss, and Tinnitus on Auditory Brainstem and Perceptual Responses	Tinnitus & Hearing Loss: Clinical Studies
550057	Athanasios	Bimpas	Is 'Hidden Hearing Loss' prevalent in Professionals exposed to Music?	Tinnitus & Hearing Loss: Clinical Studies
551048	Golbarg	Mehraei	Unbiased classification of audiometric phenotypes in the NHANES database	Tinnitus & Hearing Loss: Clinical Studies
549357	Prashant	Angara	Recreational Noise Exposure in Young Adults	Tinnitus & Hearing Loss: Clinical Studies
549284	Rebecca	Lewis	Audiological Predictors of Tinnitus in Patients at Massachusetts Eye and Ear	Tinnitus & Hearing Loss: Clinical Studies
549548	Hun Yi	Park	Pure Tone Audiometry Threshold Changes for 10 Years in the Same Individuals: a Retrospective Cohort Study	Tinnitus & Hearing Loss: Clinical Studies
550439	Ranjeeta	Ambett	Multichannel EEG to Study Large-Scale Neuronal Networks in Patients with Unilateral Tinnitus	Tinnitus & Hearing Loss: Clinical Studies
550508	Chhayakanta	Patro	Relating Physiological Measures of Cochlear Synaptopathy to Speech Perception in Individuals with Noise-Induced Tinnitus	Tinnitus & Hearing Loss: Clinical Studies
550812	Frederick	Gallun	Distortion Product Otoacoustic Emissions in Blast-Exposed Veterans	Tinnitus & Hearing Loss: Clinical Studies
550756	Jenny	Chen	Audiometric Characteristics of Blast and Non-blast Patients with Chronic Subjective Tinnitus	Tinnitus & Hearing Loss: Clinical Studies
548485	Jay	Buckey	No Evidence for Anti-Retroviral Drug Effects on Audiometric Thresholds or Otoacoustic Emissions in HIV Positive Individuals	Tinnitus & Hearing Loss: Clinical Studies
549193	Mathew	Fitzgerald	Refining the Audiologic Test Battery: Speech-In-Noise Testing Better Predicts Self-perceived Patient Performance	Tinnitus & Hearing Loss: Clinical Studies
549211	Agnete	Torp Hoffmann-Petersen	Sound Exposure and Hearing Problems in Non-Classical Musicians	Tinnitus & Hearing Loss: Clinical Studies
549744	Qixuan	Wang	The prevalence and related factors of bilateral audiometric notches in 11070 Chinese workers	Tinnitus & Hearing Loss: Clinical Studies
550921	Odile	Clavier	Evaluation of Noise Attenuating Headphones for Audiometric Threshold Testing Outside the Sound Booth	Tinnitus & Hearing Loss: Clinical Studies
550290	Wei	Sun	Nucleus Accumbens Affected by Noise Induced Hearing Loss and Hyperacusis	Tinnitus: Animal Models
550825	Alexandra	Niemczura	Relationship of Sex and Stress Level to Chronic Tinnitus Development After Sound Exposure	Tinnitus: Animal Models
549521	Shi-Nae	Park	Safety and Effects of Intratympanic Botulinum Toxin: A Rat Study	Tinnitus: Animal Models
549814	Hao	Luo	Combined Blast and Concussive Impact-Induced Tinnitus, Hearing Loss and Related Traumatic Brain Injuries in Rats	Tinnitus: Animal Models
549970	Brian	Allman	A Loss of Inhibition in the Auditory Cortex Increases Spontaneous Activity and Induces Tinnitus in Rats	Tinnitus: Animal Models
549897	Hannah	Maxwell	Contrasting Changes in Nitric Oxide Synthase Expression in the Auditory Cortex and Inferior Colliculus of Rats in a Tinnitus Model	Tinnitus: Animal Models
550090	Brian	Allman	Uncovering the Role of Aberrant Cortical Oscillations, Thalamocortical Dysrhythmia, and Central Gain Enhancement in Animals with Behavioral Evidence of Tinnitus	Tinnitus: Animal Models
549192	Shi-Nae	Park	Deficits in Gap Prepulse Inhibition of the Acoustic Startle (GPIAS) in a Mouse Model of Acute and Chronic Tinnitus.	Tinnitus: Animal Models
549230	Ethan	Firestone	Pathology-Specific Brain Oscillations Serve as Underpinnings of Tinnitus and Its Modulation	Tinnitus: Animal Models
549143	David	Martel	Ventral cochlear nucleus bushy cells contribute to enhanced auditory brainstem response amplitudes in tinnitus	Tinnitus: Animal Models
549147	David	Martel	Dorsal cochlear nucleus fusiform-cell plasticity is altered in salicylate-induced tinnitus	Tinnitus: Animal Models
549148	David	Martel	Gap-prepulse inhibition of the acoustic startle reflex and operant conditioning both identify tinnitus in guinea pigs	Tinnitus: Animal Models
547760	Min Young	Lee	Biological verification of optimal GPIAS parameter in salicylate induced tinnitus mouse	Tinnitus: Animal Models
550556	Andre	Kuhl	Modulation of Shock Tube Blast Overpressure and Related Auditory Changes	Tinnitus: Animal Models
554094	Tyler	Churchill	Investigating the Link Between Visual Sensitivity and Seasickness	Vestibular Testing
550794	Didier	Depireux	Effect of a Trans-Cranial Vibration System on Nystagmus and Nausea Associated with Vestibular Testing	Vestibular Testing
549700	Tessa	van Dooren	The functional Head Impulse Test (fHIT) and Oscillopsia in patients with Bilateral Vestibulopathy (BV)	Vestibular Testing
539779	Kimberley	Noji	A Comparison of Cervical Vestibular Evoked Myogenic Potential (cVEMP) Metrics in Meniere's Disease patients	Vestibular Testing
549406	Joel	Stanek	Measures of Hydrops Following Exposure to Simulated Wind Turbine Emissions in Healthy Individuals	Vestibular Testing
548821	Makoto	Hashimoto	Development of real-time video-oculography using high quality infrared video Frenzel, vVOG-Glass.	Vestibular Testing
548718	Kathleen	Cullen	Two-axis Magnetic Eye Tracking during Self-generated Head Motion in Freely Moving Mice	Vestibular Testing
545196	Angela	Wenzel	vHIT does not reveal a vestibulotoxic effect in children who perinatally underwent intravenous aminoglycoside therapy	Vestibular Testing
536373	Wally	Grant	Otolith Type I Hair Cell Bundle Deflection by VEMPs Testing Induced Endolymph Flow	Vestibular Testing
541681	Athanasia	Korda	Accuracy of Detecting Saccades in Clinical Horizontal Head Impulses	Vestibular Testing
551123	Jennifer	Millar	Inter-rater differences of VOR gains using Video Head Impulse Test: A reliability study.	Vestibular Testing
550133	Shirin	Sadeghpour	Video Ocular Counter-Roll (vOCR): A New Clinical Test of Otolith-Ocular Function	Vestibular Testing
549951	Eun Jin	Son	Evaluation of Vestibular-Ocular Reflex Using Head Impulse Testing in Patients with Benign Paroxysmal Positional Vertigo	Vestibular Testing