National Institute on Deafness and Other Communication Disorders

NIH NIDCD Neurotology Branch

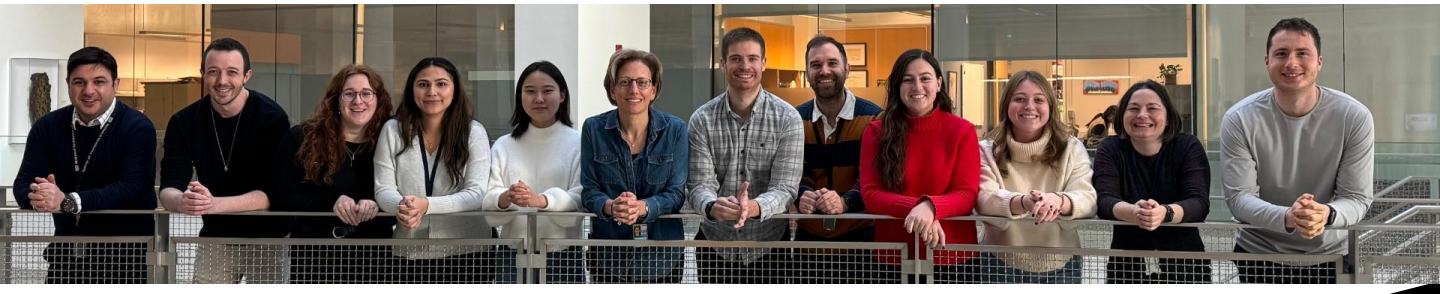
Section on Omics and Translational Science of Hearing

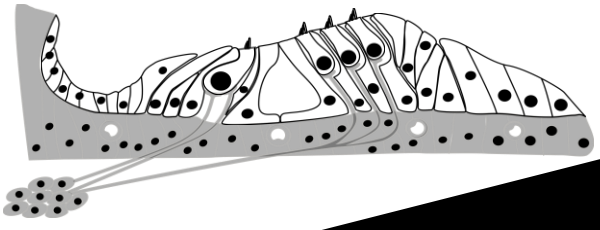
Seeking Postdoctoral Fellows

Seeking a motivated bioinformatics scientist that shares our passion for auditory research!

Ronna Hertzano, MD PhD

A full-time postdoctoral fellow position is available in Dr. Ronna Hertzano's laboratory – at the **section for omics and translational science of hearing**, Neurotology Branch, National Institutes on Deafness and other Communication Disorders. The section studies the molecular pathways that direct hair cell differentiation and survival. The team couples a variety of approaches for cell type-specific multi-omic profiling with advanced bioinformatic analyses. Results are validated using functional studies in model systems. Projects range from exploring the role of key transcription factors in inner ear development to signaling pathways in acquired hearing loss. The goal of the studies is both advancing fundamental knowledge as well as working towards pre-clinical models. The position includes a component of helping junior students in the team familiarize themselves with bioinformatic analyses. The post-doctoral fellow will be co-mentored with Dr. Ran Elkon, a bioinformatics expert that collaborates with the team.





Contact Ronna Hertzano at ronna.hertzano@nih.gov

Computational Genomics Postdoctoral Fellow Position in the Neurotology Branch at the National Institute on Deafness and Other Communication Disorders (NIDCD):

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Position Qualifications:

The preferred applicant should possess a Ph.D. in bioinformatics, statistics, biostatistics, computer science, or a related discipline. Essential qualifications include substantial proficiency in R and Python, along with prior involvement in computational biology. Previous exposure to single-cell omics-based techniques is strongly encouraged. The successful candidate must exhibit outstanding written and oral communication abilities, the capacity for independent thought, a meticulous approach to work, and a collegial demeanor as a team contributor. Additionally, the candidate should showcase scholarly achievements through published first-author manuscripts, preferably in computational biology.

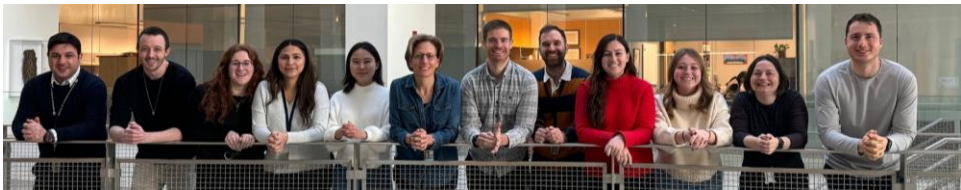
Application:

To apply, please email (1) a cover letter describing current and future research, (2) a curriculum vitae, and (3) a list of three references to **Dr. Ronna Hertzano at ronna.hertzano@nih.gov**.

About NIDCD:

The National Institute on Deafness and Other Communication Disorders (NIDCD) is a constituent part of the National Institutes of Health (NIH), which serves as the primary federal entity supporting biomedical research. The overarching mission of the NIH is to uncover fresh insights that contribute to improved health outcomes for all. In essence, NIH research aims to amass knowledge that aids in the prevention, detection, diagnosis, and treatment of various diseases and disabilities. The NIH operates within the U.S. Department of Health and Human Services.

Established in 1988, the NIDCD is specifically tasked with conducting and supporting biomedical and behavioral research as well as research training pertaining to both normal and disordered processes of hearing, balance, taste, smell, voice, speech, and language. Additionally, the institute is engaged in research and training activities related to disease prevention, health promotion, and the unique biomedical and behavioral challenges faced by individuals with communication impairments or disorders. The NIDCD actively supports initiatives aimed at developing devices to assist those with hearing loss or other communication disorders.



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