C-CEBH and NIDCD Joint Meeting

October 9, 2018

Morning Session
8:45  Light Breakfast
9:00  Opening Remarks—Dean Gregory Ball, UMD

Session 1- Chair: Catherine Carr, UMD

9:15  Keynote Talk 1: Michael Hoa (NIDCD)
Characterizing Adult Strial Cell Type Heterogeneity at the Single Cell Level

10:00  Ayesha Imtiaz (Friedman Lab, NIDCD)
CDC14A phosphatase is essential for hearing and male fertility in mouse and human

10:15  Grace Capshaw (Carr Lab, UMD)
Extratympanic sound and vibration sensitivity in lungless salamanders

10:30  Coffee break

Session 2- Chair: Tom Friedman, NIDCD

11:00  Adam Fishbein (Dooling and Ball Labs, UMD)
Auditory Perception of Syllable Structure and Sequences in Vocal Learning Birds

11:15  Beatrice Mao (Kelley Lab, NIDCD)
Modeling effects of blast exposure in the mouse inner ear

11:30  Kristina Milvae (Goupell Lab, UMD)
Listening effort and the bilateral cochlear implant experience

11:45  Willy Sun (Kachar Lab, NIDCD)
Elucidating the Structure of Glycocalyx Complex on the Surface of a Model Epithelial Cell Using Freeze-Etching and Electron Tomography

12:00  Lunch Break

Afternoon Session
1:00 Welcoming Remarks—Andrew Griffith, NIDCD

**Session 3- Chair: Rochelle Newman, UMD**

1:15 Keynote Talk 2: Melissa Caras, UMD  
*Practice and Improvement: Cortical Mechanisms of Perceptual Learning*

2:00 Anna Kraemer (Carr Lab, UMD)  
*Inhibition in the Barn Owl Auditory Brainstem*

2:15 Kazuya Ono (Wu Lab, NIDCD)  
*Specialized central regions of the vestibular organs are required for challenging vestibular activities*

2:30 Brittany Jaekel (Goupell and Newman Labs, UMD)  
*Perceptual Restoration with Cochlear Implants*

2:45 *Coffee Break*

**Session 4- Chair: Doris Wu, NIDCD**

3:00 Kelson Schilling-Scrivo (Kanold Lab, UMD)  
*Population responses of auditory cortical neurons in noisy environments*

3:15 Tae-Un Han (Drayna Lab, NIDCD)  
*Stuttering Mice and Astrocyte Pathology*

3:30 Katie von Holzen (Newman Lab, UMD)  
*Foreign speech segmentation across infancy: The role of infant-directed-speech*

3:45 *Closing Comments – Sandra Gordon-Salant*