

## 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-Scrive (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*