Ototoxicity and Noise Damage: Translating Preclinical Findings to Audiological Management

PRELIMINARY PROGRAM FOR THE NCRAR BIENNIAL CONFERENCE, SEPTEMBER 25-27, 2019

Wednesday, September 25th (Full Day 7:15am – 6:00pm)

Mechanisms and Models

7:15 – 7:45am Registration and light continental breakfast
7:45 – 8:00am Welcome and introductions. Dawn Konrad-Martin PhD, Naomi Bramhall, PhD and Angela Garinis, PhD
8:00 – 9:00a Keynote: Mechanisms of Noise-Induced Hearing Loss. Sharon Kujawa, PhD
9:00 – 10:00a Keynote: Mechanisms of Aminoglycoside- and cisplatin-induced ototoxicity. Peter Steyger, PhD
10:00 – 10:30a BREAK
10:30 – 11:20am Central Consequences of Peripheral Damage. Richard Salvi, PhD
11:20am – 12:10pm Using Statistical Modeling to Combine Animal and Human Data. Garnett McMillan, PhD
12:10 – 1:45pm LUNCH BREAK
1:45 – 2:35pm Epidemiological and Statistical Modeling Approaches Studying Noise-induced Hearing Loss. Martin Slade, MPH
2:35 – 3:00pm Poster setup/BREAK
3:00 – 6:00pm Poster Session and “Meet the Scientist.” Refreshments will be served. 3rd Floor World Trade Center

Thursday, September 26th (Full Day 7:15am – 5:00pm)

Clinical Presentations of Noise-Induced Hearing Loss and Ototoxicity

7:15 – 7:45am Registration and light continental breakfast
7:45 – 8:00am Introductions
8:00 – 8:50am Evidence of Cochlear Synaptopathy in Young Veterans, Naomi Bramhall, PhD
8:50 – 9:40am Risk Factors for Developing Occupational Noise-induced Hearing Loss, Wei Qiu, PhD:
9:40 – 10:10am BREAK
10:10 – 11:00am Impacts of Blast Exposure on the Central Auditory System, Melissa Papesh, AuD PhD
11:00 – 11:50am Epidemiologic approaches to examining noise exposure and other risk factors for tinnitus, Sarah Theodoroff, PhD and Kelly Reavis, MPH, MS
11:50am – 1:15pm LUNCH BREAK
1:15 – 2:05pm Ototoxicity of aminoglycosides, Angela Garinis, PhD and Lisa Hunter, PhD
2:05 – 2:55pm Ototoxicity of Chemotherapeutic Agents, Kristin Knight, M.S. and Dawn Konrad-Martin, PhD
2:55 – 3:30pm BREAK
3:30 – 4:20pm Military ototoxic solvent exposures and the interaction with noise exposure. William Murphy, PhD
4:20 – 5:00pm Patient Perspectives Presentations. Videotaped and interactive patient testimonials
6:30 – 10:00pm Informal Networking Dinner: Location tba

Friday, September 27th (7:15am – 2:30pm)

Future Directions

7:15 – 7:45am Light continental breakfast
7:45 – 8:00am Introductions
8:00 – 8:50am Regeneration of hair cells, synapses, and neurons, Albert Edge, PhD
8:50 – 9:40am Preventing Ototoxicity with Otoprotectants, Jian Zuo, PhD
9:40 – 10:10am BREAK
10:10 – 11:00am Using Computational Models for Differential Diagnoses of Sensory vs. Neural Damage, Sarah Verhulst, PhD
11:00am – 12:30pm Panel Discussion on interdisciplinary, inter-agency perspectives on patient management
12:30 – 12:45pm BREAK/Box lunch
12:45 – 1:45pm Breakout sessions: Practical implementation
1:45 – 2:30pm Wrap up from breakout sessions and closing comments

5/31/2019