

17th Annual SoCal Symposium on Glial-Neuronal Interactions in Health and Disease

February 9, 2024

Highlander Union Building, Room 302 - UC Riverside

Agenda:

9:00 - 10:00 am

Registration. Badge pick-up. Poster set-up.

10:00 - 10:05 am

Symposium Opens

10:05 - 10:15 am

Welcome Address

Monica Carson, Ph.D., Director, Center for Glial-Neuronal Interactions University of California, Riverside

10:15 - 11:15 am

Keynote Speaker

"Role of bidirectional gut- microbiota- brain axis in Parkinson's disease pathogenesis, disease course and response to levodopa"

Ali Keshavarzian M.D., Professor of Medicine Physiology, Anatomy & Cell Biology Rush University Medical Center

11:15am - 1:20 pm

Lunch and Poster Presentations

Afternoon Session I, moderator

1:20 - 1:30 pm

Afternoon Welcome

1:30 - 2:10 pm

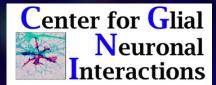
Presentation I

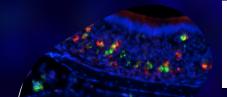
"Mechanosensing controls myelin sheath elongation in the CNS"

Marie Bechler, Ph.D., Assistant Professor of Cell Biology and Development

Assistant Professor of Neuroscience and Physiology

SUNY Upstate Medical University







Presentation II 2:10 - 2:50 pm "Neuronal control of peripheral inflammation" Colin Reardon, Ph.D., Associate Professor Neuroimmunology, School of Veterinary Medicine University of California, Davis Presentation III 2:50 - 3:30 pm "Inflammation and respiratory control: mechanisms and clinical consequence" Erica Heinrich, Ph.D., Assistant Professor Division of Biomedical Sciences, UC Riverside Afternoon break and Poster viewings 3:30 - 3:50 pm Afternoon Session II, moderator 3:50 - 4:30 pm **Presentation IV** "Glial-immune priming: the "toll" of prenatal alcohol exposure (PAE) on opioid pain therapeutics" Shahani Noor, Ph.D., Assistant Professor Department of Neurosciences, School of Medicine University of New Mexico 4:30 - 4:40 pm Introduction to the Glenn Hatton Lecture Afternoon Session II, moderator Glenn Hatton Lecturer 4:40 - 5:20 pm

"Astrocytic modulation of synaptic activity"

Nathan Smith, Ph.D., Associate Professor Neuroscience, University of Rochester School of Medicine and Dentistry

Award announcements 5:20 - 5:40 pm

Closing remarks and thank you's!! 5:40 - 6:00 pm

