

The Translational Neuroimmunology Conference: From Mechanisms to Therapeutics

Organizer Bio: Thomas Lane, PhD

Tom Lane, Ph.D., has been working in the area of neuroimmunology in response to either viral infection and autoimmune neuroinflammation/demyelination for over twenty years. After completing his Ph.D. research in Microbiology and Immunology at the UCLA School of Medicine, he did his postdoctoral work in neurovirology at the Scripps Research Institute in La Jolla, CA. Dr. Lane joined the Biological Sciences faculty at UC Irvine in 1998 where he became the Director of the Multiple Sclerosis Research Center and Associate Director of the Institute for Immunology.

The majority of work performed in Dr. Lane's laboratory is focused on understanding the immunopathological mechanisms contributing to both disease progression and repair using pre-clinical mouse models of multiple sclerosis.

However, Dr. Lane is also interested in immunological deficits associated with spinal cord injury as well as the role of neuroinflammation in contributing to Alzheimer's disease neuropathology.

Dr. Lane was awarded a National Multiple Sclerosis Society (NMSS) Collaborative Center Award as well as a CIRM Early Translation Award dedicated to exploring the therapeutic potential of neural stem cells in treating demyelinating diseases. He is currently a Professor in the Department of Neurobiology & Behavior.