

NIDUS April Mentoring Session

Preclinical and Translational Models for Delirium: Recommendations for Future Research from the NIDUS Delirium Network



Using animal models in research, especially rodents, to reveal the biology of delirium can serve as a valuable approach for understanding delirium in human patients. In this webinar, hear from some authors of a recent NIDUS-funded, state-of-the-art paper (PMID: 36799408) about key considerations regarding the use of animal models and several promising biofluid, neurophysiologic, and electrophysiologic markers as strategies to move the delirium neurobiology field forward. John Devlin, PharmD will moderate this session.

All NIDUS webinars are free!

Friday April 7, 2023, 2:00pm-3:00 pm EST

Registration Link: <https://zoom.us/meeting/register/tJAld-6tpjloG9Qt3-jz4edx8ZoYL6uxV90K>

Phone: +1 646 558 8656 US (New York) | Meeting ID: 948 0758 9210 | Passcode: 566714

Presenters



Dr. Sarinnapha (Fah) Vasunilashorn is an Assistant Professor of Medicine at Beth Israel Deaconess Medical Center (BIDMC) and Harvard Medical School (HMS), and Assistant Professor in the Department of Epidemiology at the Harvard T.H. Chan School of Public Health. Her research focuses on understanding the shared pathophysiology underlying the relationship between delirium and Alzheimer's disease and related dementias. Specifically, she is examining genetic and inflammatory markers to understand delirium and its associated long-term cognitive outcomes. She is currently funded by the NIA, Alzheimer's Association, and HMS Shore Fellowship.

Dr. Nadia Lunardi is an Associate Professor of Anesthesiology and Neuro Anesthesia Division Chief at the University of Virginia. Her primary research focus centers around postoperative delirium and its pathophysiology. Specifically, she and her team are investigating the role of perioperative sleep disturbances, brain-derived neurotrophic factor, and epigenetic changes in the onset of postoperative delirium.



Dr. Niccolo Terrando is Associate Professor of Anesthesiology, Cell Biology and Immunology at Duke University. His laboratory mission is to define the underlying mechanisms leading to memory deficits after surgery and to develop safe strategies to resolve neuroinflammation in the perioperative setting.

Dr. Roderic Eckenhoff is the Austin Lamont Professor of Anesthesia and the Vice-Chair for Research and Faculty Development in the Department Anesthesiology and Critical Care at the University of Pennsylvania. His research focuses, in part, on the relationship between general anesthetics and neurodegenerative disorders.



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