



Jack Tzu-Chieh Wang, MD, PhD

Affiliate, Adult Neurology

Bio

BIO

Dr. Wang is a board-certified, fellowship-trained neurocritical care specialist at Stanford Health Care. He is also an instructor in the Neurocritical Care Program of the Department of Neurology & Neurological Sciences at Stanford University School of Medicine.

Dr. Wang has clinical and research interests in stroke and traumatic brain injury. He provides care for critically ill patients with neurological illnesses in the intensive care unit (ICU) at Stanford Hospital. He also teaches fellows, residents, and medical students how to provide critical neurological care.

As a physician-scientist, Dr. Wang leads an ongoing effort to identify new targets for therapy to promote functional recovery after brain and spinal cord injuries. He has previously completed research on these topics for the National Institutes of Health (NIH) and the National Institute of Neurological Disorders and Stroke (NINDS). He also performs research funded by the American Heart Association, American Academy of Neurology, and Alzheimer's Association.

Dr. Wang has published in several top peer-reviewed journals, including Proceedings of the National Academy of Sciences, Journal of Cell Biology, and Journal of Neuroscience. He has presented his research at nationwide and worldwide conferences. His presentations mainly focus on the degeneration of axons (fibers that connect nerve cells and help them communicate) and cognitive decline following stroke. He also serves as an ad hoc reviewer for a number of publications, including Cell, Neuron, Nature, and Science.

Dr. Wang is a member of the American Academy of Neurology, American Heart Association, Neurocritical Care Society, Society of Critical Care Medicine, and Society for Neuroscience.