

AXE NEUROSCIENCES

Michael E. Ward, MD, Ph. D

Senior Investigator
Inherited Neurodegenerative Diseases Section,
Neurogenetics Branch
NIH



Uncovering the hidden biology of neuronal lysosomes

Dr. Ward is a Neurologist and Senior Investigator at the NIH. His team studies basic mechanisms of age-related neurodegenerative disorders to enable development of next-generation precision therapeutics. Over the past decade, his lab has contributed substantially to our knowledge about underlying causes of neurodegeneration. These include co-discovery of UNC13A mis-splicing in amyotrophic lateral sclerosis (ALS), protein-based biomarkers of TDP-43 dysfunction, and mechanisms by which RNAs traffic in neurons via lysosomal hitchhiking. He co-directs the iPSC Neurodegenerative Disease Initiative (iNDI), public-private partnership that has distributed genetically engineered iPSC lines to over 1000 labs worldwide since its launch in 2022. Dr. Ward has won numerous awards throughout his career, including the Keith R. Porter Fellow award for Cell Biology, is a member of the Science Translational Medicine Board of Reviewing Editors, and is an elected member of the ASCI and AAP.

Vendredi 10 avril 2026

12h à 13h

A.03.9209AB, CHUM

Ou via Zoom :

<https://us06web.zoom.us/j/87647287635?pwd=xgdAGp28b51afsABTlaH8we5kb3Xjh.1>

ID de réunion: 876 4728 7635

Code secret: 558800