U. of Oslo | U. of Copenhagen | Chinese U. of Hong Kong | Norwegian U. of Science and Technology | K.G. Jebsen Centre for Alzheimer's Disease | Kavli Institute for Systems Neuroscience | NO-Age | NO-AD | MIT-AD

The NO-Age and NO-AD Seminar Series # 82

'Neurons Put Out the Trash: Modeling Aggregate and Organelle Transfer via Huge Extracellular Vesicles in a Living Nervous System'

by

Prof. Monica Driscoll

Department of Molecular Biology and Biochemistry, Rutgers University, USA

13:30 - 15:00 (CET), Tuesday, 29th April 2026

Location: Seminarrom S303.018, Ahus

On-line: via zoom (Meeting ID: 672 7275 4063)

Evandro F. Fang (UiO), Jon Storm-Mathisen (UiO), Asgeir Kobro-Flatmoen (NTNU), Lene Juel Rasmussen (KU), W.Y. Chan (CUHK)

Queries: e.f.fang@medisin.uio.no

Previous recorded talks are available here: https://noad100.com/videos-previous-events/

Photo: respective institute (Rutgers)

Name: **Prof. Monica Driscoll**

Department of Molecular Biology and Biochemistry

Email: driscoll@dls.rutgers.edu

Speaker: Prof. Monica Driscoll

Title: Neurons Put Out the Trash: Modeling Aggregate and Organelle Transfer via Huge Extracellular Vesicles in a Living Nervous System

Abstract:
To be updated

Biography:
Monica Driscoll received her A. B. degree in Chemistry from Douglass College in 1979 and earned a PhD in Biochemistry and Molecular Biology at Harvard University in 1985, studying molecular and genetic regulation of gene expression in a yeast model system. She pursued postdoctoral studies in the lab of Dr. Martin Chalfie at Columbia University, where she began her work on the simple animal model C. elegans, focusing on deciphering molecular mechanisms of mechanotransduction and necrotic neuronal degeneration. She joined the faculty of the Department of Molecular Biology and Biochemistry at Rutgers University in 1991, where she is currently appointed as a Distinguished Professor. Her lab now studies the basic biology of aging with a focus molecular mechanisms of healthspan extension via genetic, chemical, and exercise interventions. Neuronal proteostasis and anti-neurodegeneration mechanisms are also major research interests. Monica was elected to the National Academy of Sciences in 2023.