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 41

## 'Axonal transport and mitophagy regulation in Alzheimer's disease (Tentative title)'

*by*

Dr. Qian Cai

Department of Cell Biology and Neuroscience, University of Rutgers, USA

## 'Huge hints from a tiny worm: Preventing neurodegeneration in Alzheimer's disease'

*by*

Prof. Dr. Jonathan T Pierce

Department of Neuroscience, The university of Texas at Austin, USA

***at***

14:00-16:00 (CET), Monday, 28th March 2022

Registration ahead

https://uio.zoom.us/webinar/register/WN_Xt7O7GuvQZ6q5E6gboUfEQ

Organizers:

Evandro F. Fang (UiO), Hilde L. Nilsen (UiO), Jon Storm-Mathisen (UiO), Menno P. Witter (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/

**Name:** Qian Cai
**Institute:** The university of Rutgers

**Email:** cai@biology.rutgers.edu

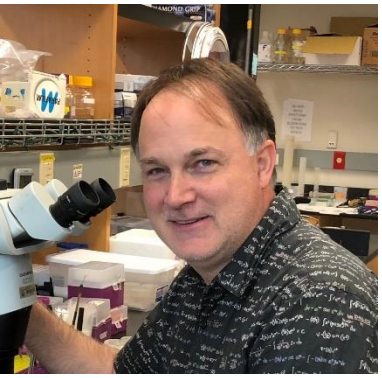
**Website:** https://cbn.rutgers.edu/about/40-faculty-listing/360-qian-cai
**Photo: from the speaker**

**Speaker:** Dr. Qian Cai, Department of Cell Biology and Neuroscience, University of Rutgers, USA

**Title:** Axonal transport and mitophagy regulation in Alzheimer's disease (Tentative title)

**Abstract**
To be updated.

**Biography**:
Dr. Qian Cai is an Associate Professor in the Department of Cell Biology and Neuroscience at Rutgers University. Dr. Cai holds an MD from Shanghai Tongji University School of Medicine and a Masters in Molecular Virology from Shanghai Jiaotong University School of Medicine in China. After receiving her medical degree, she practiced as a physician in internal medicine and infectious disease in Shanghai for three years. Dr. Cai then obtained her Ph.D. at NIH through the National Institutes of Health (NIH)-Shanghai Jiaotong University School of Medicine Joint Ph.D. Program in Neuroscience. She continued her postdoctoral training with Dr. Zu-Hang Sheng at the National Institute of Neurological Disorders and Stroke and, before joining Rutgers, Dr. Cai was awarded NIH K99/R00 award to support her career development. Her research has been focusing on the elucidation of cellular mechanisms regulating the autophagy-lysosomal pathway and mitochondrial quality control and their impacts on neuronal homeostasis and axonal degeneration



**Name:** Jonathan T Pierce
**Institute:** The university of Texas at Austin
**Email:** jonps@utexas.edu
**Website:** https://clm.utexas.edu/faculty/dr-jonathan-pierce/
**Photo: from the speaker**

**Speaker:** Prof. Dr. Jonathan T Pierce, The university of Texas at Austin, USA

**Title:** Huge hints from a tiny worm: Preventing neurodegeneration in Alzheimer's disease

Abstract to be updated.

**Biography**:
Dr. Jon Pierce completed a PhD at the Univ of Oregon and postdoc at UCSF before starting his lab at the Univ of Texas at Austin. He was studying a wide range of topics in neurogenetics when his son was born with Down syndrome and mother developed Alzheimer's disease. This inspired him to redirect his research lab to make fundamental breakthroughs and discover novel treatments to prevent dysfunction and degeneration of neurons in these devastating conditions.