

MAYO FOUNDATION RISING STARS SYMPOSIUM

Oct. 24-25, 2024

Mayo Clinic, Rochester, MN
Phillips Hall – Siebens Building

Thursday, Oct. 24, 2024

<https://mc-meet.zoom.us/j/92652708940?pwd=8mt6qSyzNjDaJp8O9wgywRtNdK7Hk0.1>

Meeting ID: 926 5270 8940 Passcode: 873511

- 5 p.m.** **Mark McNiven, Ph.D.**, Welcome
- 5:15 p.m.** Plenary Talk: **Karen Reue, Ph.D.**, UCLA
Sex-biased genetic factors in obesity, lipid absorption, and adverse drug effects
- 6 p.m.** Reception-Hors d'oeuvres and Social Hour – Phillips Hall

Friday, Oct. 25, 2024

<https://mc-meet.zoom.us/j/92652708940?pwd=8mt6qSyzNjDaJp8O9wgywRtNdK7Hk0.1>

Meeting ID: 926 5270 8940 Passcode: 873511

Beverages and a light breakfast will be provided

METABOLIC PATHWAYS IN DISEASE

- 8:55 a.m.** **Isobel Scarisbrick, Ph.D.**, Greeting
- 9 a.m.** **Nora Kory, Ph.D.**, Harvard School of Public Health
Mitochondrial transporters and the control of cellular metabolism
- 9:40 a.m.** **Danial Nika, Ph.D.**, Dana-Farber Cancer Institute
"Lipid dependent regulation of cellular plasticity in gliomas"
- 10:20 a.m.** **Boa Kim, Ph.D.**, University of North Carolina School of Medicine
Endothelial lipid droplets link metabolic syndrome to blood pressure elevation
- 11 a.m.** **Break**
- 11:10 a.m.** **Allyson O'Donnell, Ph.D.**, University of Pittsburgh
The right place at the right time: Mechanisms of selective protein targeting and trafficking

Organized and supported by the Mayo Center for Biomedical Discovery, The Cancer Cell, Genomics, Signaling and Metastasis Program within the Mayo Clinic Comprehensive Cancer Center, and the Mayo Nutrition Obesity Research Program

NEUROBIOLOGY

- 11:50 a.m.** **Morgan DeSantis, Ph.D.**, University of Michigan
Regulation of dynein activity in cellular space
- 12:30 p.m.** **Lunch** (*Beverages and a lunch provided*)
- 1:10 p.m.** **Tour** of Mayo Clinic, Rochester, for visiting speakers – **Mark McNiven, Ph.D.**

NEUROBIOLOGY

- 1:50 p.m.** **Fabienne Fiesel, Ph.D.**, Mayo Clinic
Ubiquitin-fold modifier 1 and its role for Alzheimer's disease

TUMOR BIOLOGY

- 2:30 p.m.** **Enis Kostallari, Ph.D.**, Mayo Clinic
Mechanisms of liver fibrosis progression
- 3:10 p.m.** **Break**
- 3:20 p.m.** **Utthara Nayar, Ph.D.**, Johns Hopkins Bloomberg School of Public Health
"New" roles for old players: transcriptional rewiring by RTKs in therapy resistance
- 4 p.m.** **Autumn Schulze, Ph.D.**, Mayo Clinic
Nature meets innovation: Advanced bio-synthetic approaches to enhance cancer therapy
- 4:45 pm** *Adjourn*