

September 14, 2021

This Event will be Virtual

1:00 - 4.15 PM

INTRODUCTION 1:00 PM

FEATURED SPEAKERS:

Gerta Hoxhaj, Ph.D. 1:10 PM
Center Research Institute and Biochemistry
The Role of Cellular Reducing Power in Cell Growth

Felix Nitschke, Ph.D. 1:25 PM
Pediatrics
To be (soluble), or not to be? That is the question! Neurological diseases with accumulation of insoluble glycogen - From Mechanism To Treatment

Sarah Sinnett, Ph.D. 1:40 PM
Pediatrics
Feedback-Enabled Gene Therapies

Jiaen Liu, Ph.D. 1:55 PM
Advanced Imaging Research Center & Radiology
Novel Methods in Pushing Ultra-high Field MRI towards Clinical Applications

Zhao Zhang, Ph.D. 2:10 PM
Center for the Genetics of Host Defense, Department of Internal Medicine
New Mechanisms of Metabolic Diseases Identified by Forward Genetic Screening

BREAK 2:25 - 2:45 PM

Jihan Osborne, Ph.D. 2:50 PM
Pharmacology
Developmental RNA Feedback Loops That Enable Tumor Suppression, Cancer Stem Cell Formation and Metastasis

Matthew Parker, Ph.D. 3:05 PM
Biophysics
Cellular and Molecular Mechanisms of DNA Replication Initiation

Xing Zeng, Ph.D. 3:20 PM
Physiology
Bi-directional Communication between Sympathetic Nerve and Thermogenic Adipocyte

Spencer Bowen, Ph.D. 3:35 PM
Radiology
Precision Imaging in Nuclear Medicine: From Simulations to Clinic

Qian Cong, Ph.D. 3:50 PM
Eugene McDermott Center for Human Growth and Development
From Genomes to Protein Interactions and Human Health

CLOSING REMARKS 4:05 PM



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