

September 10, 2019

NG3.112 MEDICAL EDUCATION & CONFERENCE CENTER- T. BOONE PICKENS AUDITORIUM

1:00 - 4.15 PM

INTRODUCTION 1:00 PM

FEATURED SPEAKERS:

RACHEL BAILEY, PH.D. 1:10 PM

Pediatrics and Center for Alzheimer's
and Neurodegenerative Diseases

Developing Gene Therapies for Neurological Disorders

RAM MADABHUSHI, PH.D. 1:25 PM

Psychiatry, Neuroscience, and Cell Biology

The Role of Activity-Induced DNA Breaks in Neuronal Physiology

YU-LUN LIU, PH.D. 1:40 PM

Population and Data Sciences

Integrating Real-World Evidence to Advance

Treatment Strategies for Peripheral Artery Disease

DAVID BUSCH, PH.D. 1:55 PM

Anesthesia and Pain Management,
Neurology and Neurotherapeutics

*Continuous Quantitative Optical Monitoring of Hemodynamics in the
Brain and Spinal Cord*

JONATHAN FRIEDMAN, PH.D. 2:10 PM

Cell Biology

Spatial Organization of Mitochondria

BREAK 2:25 - 2:45 PM

JEFFREY WOODRUFF, PH.D. 2:50 PM

Cell Biology and Biophysics

How Eggs Guard Themselves Against Aging and Faulty Cell Division

JUN WU, PH.D. 3:05 PM

Molecular Biology

Pluripotent Stem Cells and Interspecies Chimeras

PING MU, PH.D. 3:20 PM

Molecular Biology

*Determining the Molecular Mechanisms of Hormone Therapy
Resistance Driven by Lineage and Chromatin Plasticity*

ROBERT ORCHARD, PH.D. 3:35 PM

Immunology

*A Protein Receptor and Small Molecule Cofactors
Facilitate Norovirus Entry*

DAEHWAN KIM, PH.D. 3:50 PM

Bioinformatics

Sequence Alignment and Medical Software Development

CLOSING REMARKS 4:05 PM



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