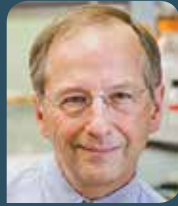


Experimental Biology

Experimental Biology 2017 Distinguished Lectures



Physiology in Perspective: The Walter B. Cannon Memorial Award Lecture

Michael Welsh

Univ. of Iowa Roy J. and Lucille Carver Col. of Med.

Insights into the Pathogenesis of Cystic Fibrosis Lung Disease

Saturday, April 22, 2017, 5:30 PM

Supported by Sucampo



Claude Bernard Distinguished Lectureship of the APS Teaching of Physiology Section

Jeffrey D. Karpicke

Purdue Univ.

Retrieval-Based Learning: Simple Strategies for Helping Students Learn

Sunday, April 23, 2017, 10:30 AM

Supported by ADInstruments



Hugh Davson Distinguished Lectureship of the APS Cell and Molecular Physiology Section

Jennifer Lippincott-Schwartz

HHMI Janelia Research Campus

Emerging Fluorescence Technology to Study Cell Architecture and Dynamics

Sunday, April 23, 2017, 2:00 PM



Ernest H. Starling Distinguished Lectureship of the APS Water and Electrolyte Homeostasis Section

Peter Bie

Univ. of Southern Denmark-Odense

Mechanisms of Sodium Balance

Sunday, April 23, 2017, 4:15 PM



Henry Pickering Bowditch Award Lecture

Brant Isakson

Univ. of Virginia

Coordinating Tissue Function Through Heterocellular Communication

Sunday, April 23, 2017, 5:45 PM



Carl Ludwig Distinguished Lectureship of the APS Neural Control and Autonomic Regulation Section

Robin McAllen

Florey Inst. of Neuroscience and Metal Health

Mapping the Diversity of Central Autonomic Control

Monday, April 24, 2017, 8:00 AM



Solomon Berson Distinguished Lectureship of the APS Endocrinology and Metabolism Section

Wolfgang Langhans

ETH Zurich

GLP-1 in Energy Homeostasis: There is More than Meets the Eye

Monday, April 24, 2017, 10:30 AM



Edward F. Adolph Distinguished Lectureship of the APS Environmental and Exercise Physiology Section

W. Larry Kenney

Penn State Univ.

Skin-Deep Insights into Vascular Aging

Monday, April 24, 2017, 2:00 PM



Carl W. Gottschalk Distinguished Lectureship of the APS Renal Section

Paul Welling

University of Maryland Med. Sch.

Protecting Potassium Balance at All Costs: Molecules to Man

Monday, April 24, 2017, 3:15 PM



Joseph Erlanger
Distinguished
Lectureship of
the APS Central
Nervous System
Section

Jeff Lichtman

Harvard Univ.

Does Connectomics Make Sense?

Monday, April 24, 2017, 3:15 PM



Julius H. Comroe, Jr.
Distinguished
Lectureship of the
APS Respiration
Section

Peter D. Wagner

Univ. of California, San Diego

*Lung and Muscle Heterogeneity:
Consequences for Oxygen Transport
Limitation*

Tuesday, April 25, 2017, 10:30 AM



**History of
Physiology Lecture**

Jack Rall

Ohio State Univ.

*The XIIIth International Physiological
Congress in Boston in 1929: American
Physiology Comes of Age*

Tuesday, April 25, 2017, 1:00 PM



Robert M. Berne
Distinguished
Lectureship of the
APS Cardiovascular
Section

Benjamin D. Levine

Texas Health Presbyterian
Hospital Dallas

*Astronauts, Athletes, and Aging.
A TripTik Guide to the Cardiovascular
Adaptation to Physical Activity*

Tuesday, April 25, 2017, 2:00 PM



August Krogh
Distinguished
Lectureship of the
APS Comparative
and Evolutionary
Physiology Section

Warren Burggren

Univ. of North Texas
*Developmental Plasticity, Epigenetics
and Evolution: A Comparative
Physiologist's Od(d)yssey*

Tuesday, April 25, 2017, 3:15 PM

*Supported by Novo Nordisk
Foundation*



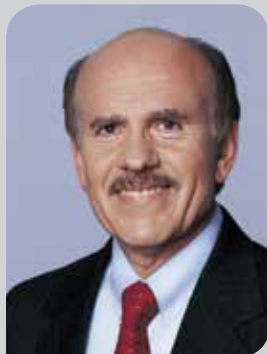
Horace W. Davenport
Distinguished
Lectureship of the
APS Gastrointestinal
and Liver Physiology
Section

John L. Wallace

Antibe Therapeutics and
Univ. of Calgary

*Why the GI Tract Does Not Digest
Itself: A Davenport-Inspired Journey*

Tuesday, April 25, 2017, 3:15 PM



APS Nobel Prize Award Lecture

Louis Ignarro

UCLA Sch. of Med.

The Road to Stockholm: A Nobel Mission

Wednesday, April 26, 2017, 4:45 PM