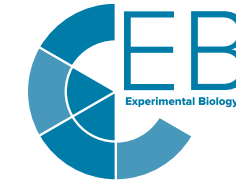


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2022 PHILADELPHIA
APRIL 2-5

April 3, 2022

The Gift of Mentoring

Bodil M. Schmidt-Nielsen Distinguished Mentor and Scientist Award

12:15–1:15 p.m. EDT *Suzanne Moenter, PhD, University of Michigan at Ann Arbor*

Physiology in the Anthropocene: Insights from Intraspecific Variation in Response to Environmental Stressors

August Krogh Distinguished Lectureship

1:30–3 p.m. EDT *Patricia M. Schulte, PhD, University of British Columbia, Canada*

The Climate Change Within: Microbiota and Metabolites

Ernest H. Starling Distinguished Lectureship

1:30–3 p.m. EDT *Bina Joe, PhD, University of Toledo, Ohio*

Aldosterone Versus Potassium: A Battle for Control of the Distal Nephron

Carl W. Gottschalk Distinguished Lectureship

3:30–5 p.m. EDT *Robert A. Fenton, PhD, Aarhus University, Denmark*

Tissue Metabolism in Mucosal Inflammation: The Paradox of Hypoxia

Horace W. Davenport Distinguished Lectureship

3:30–5 p.m. EDT *Sean Colgan, PhD, University of Colorado, Aurora*

Exploring the Extracellular Matrix: From Outside to Inside and Back Again

Hugh Davson Distinguished Lectureship

3:30–5 p.m. EDT *Josephine C. Adams, PhD, University of Bristol, United Kingdom*

Heart Failure as an Immune Mediated Disease

Robert M. Berne Distinguished Lectureship

3:30–5 p.m. EDT *Sumanth D. Prabhu, MD, Washington University School of Medicine, St. Louis, Missouri*

An Ode to Signal Transduction: How the Growth Hormone Pathway Revealed Insight into Height, Malignancy and Obesity

Physiology in Perspective: The Walter B. Cannon Award

5:40–6:30 p.m. EDT *Christin Carter-Su, PhD, University of Michigan at Ann Arbor*

April 4, 2022

Ca²⁺ and ROS in Skeletal Muscle Fatigue, Recovery and Response to Training

2022 Annual Marion J. Siegman Lectureship Award

8:30–10 a.m. EDT *Håkan Westerblad, MD, PhD, Karolinska Institutet, Sweden*

Muscle Fatigue from the Vantage Point of a Single Myosin Molecule

2022 Annual Marion J. Siegman Lectureship Award

8:30–10 a.m. EDT *Edward P. Debold, BSEd, PhD, University of Massachusetts Amherst*

The Baroreceptor Reflex from Sensors to Sympathetics: A Historical and Personal Perspective

Carl Ludwig Distinguished Lectureship

1:30–3 p.m. EDT *Mark W. Chapleau, PhD, FAPS, University of Iowa Carver College of Medicine, Iowa City*

How Random Events Altered My Career

Claude Bernard Distinguished Lectureship

1:30–3 p.m. EDT *Robert L. Hester, PhD, FAPS, University of Mississippi Medical Center, Jackson*

The Symmorphosis of Aerobic Capacity in Health and Disease: Reason to Dys the Sym?

Edward F. Adolph Distinguished Lectureship

1:30–3 p.m. EDT *Russell Richardson, PhD, University of Utah, Salt Lake City*

Stress, Sex and Coping Strategies: Where Erlanger's Oscilloscope Took Me

Joseph Erlanger Distinguished Lectureship

3:30–5 p.m. EDT *Rita Valentino, PhD, National Institutes of Health, Bethesda, Maryland*

A Stem Cell Odyssey

Soloman A. Berson Distinguished Lectureship

3:30–5 p.m. EDT *Jeanne Loring, PhD, Scripps Research Institute, La Jolla, California*

April 5, 2022

Skeletal Muscle Microcirculation: Misconceptions and Missed Perceptions

History of Physiology Lecture

1:30–3 p.m. EDT *David Poole, PhD, Kansas State University, Manhattan*

An Unexpected Journey Through Channels of Pulmonary Vascular Physiology

Julius H. Comroe, Jr. Distinguished Lectureship

1:30–3 p.m. EDT *Larissa Akimi Shimoda, PhD, Johns Hopkins School of Medicine, Baltimore, Maryland*

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