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Experimental Biology offers the unparalleled opportunity for scientists to share the newest concepts and research findings shaping clinical advances in areas from laboratory to translational to clinical research. Don't miss the premier distinguished and award lecturers selected in each field of study presenting live at this year's conference.

April 3, 2022

Lecture Title TBD

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 Cogan, 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

Lecture Title TBD

2022 Annual Marion J. Siegman Lectureship Award

8:30–10 a.m. EDT *Award Recipient TBD*



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*

Lecture Title TBD

Henry Pickering Bowditch Award

5:40–6:30 p.m. EDT *Emilyn Alejandro, PhD, University of Minnesota, Minneapolis*

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*

