Room 113C: Tuesday, February 13

10:30 AM – 12:00 PM
Journal of General Physiology (JGP)

Advances in Membrane Physiology 2024
Journal of General Physiology has published exciting developments in membrane and cellular physiology for more than 100 years. For this presentation, *JGP* has invited three early career authors to describe the advances in their work on the subject. An introduction to the journal by *JGP* Editor-in-Chief David Eisner will precede the talks, and time will be provided for further discussion.

Presentations include:

"Lower Troponin in Rat Right Ventricle Explains Intraventricular E-C Coupling Differences," by Young Keul Jeon, Department of Physiology, Ischemic/Hypoxic Disease Institute, Seoul National University College of Medicine, Seoul, Republic of Korea.

"Heterogeneity and Evolution of Substrate Binding in Glutamate Transporters," by Krishna Reddy, Physiology and Biophysics, Weill Cornell Medicine.

"Mechanistic Diversity Underlying CaV1.2 Channelopathies," by Ivy Dick, Cellular and Molecular Biomedical Science, Department of Physiology, University of Maryland School of Medicine.

The mission of *JGP* is to publish mechanistic and quantitative molecular and cellular physiology of the highest quality, to provide a best-in-class author experience, and to nurture future generations of independent researchers. At *JGP*, all editorial decisions on research manuscripts are made through collaborative consultation between the Editor-in-Chief and Associate Editors, all of whom are active scientists. Learn more about *JGP* and read the latest research at https://rupress.org/jgp.

Speakers
Ivy Dick, Cellular and Molecular Biomedical Science, Department of Physiology, University of Maryland School of Medicine
David Eisner, Professor of Cardiac Physiology, University of Manchester
Young Keul Jeon, Department of Physiology, Ischemic/Hypoxic Disease Institute, Seoul National University College of Medicine
Krishna Reddy, Physiology and Biophysics, Weill Cornell Medicine