

MINIREVIEW

Decoding the Cardiac Actions of Protein Kinase D Isoforms

Susan F. Steinberg

558

EMERGING CONCEPTS

Potential Use of Senolytics for Pharmacological Targeting of Precancerous Lesions

Tareq Saleh and Valerie J. Carpenter

580

ARTICLES

- ▣ High-Content Single-Cell Förster Resonance Energy Transfer Imaging of Cultured Striatal Neurons Reveals Novel Cross-Talk in the Regulation of Nuclear Signaling by Protein Kinase A and Extracellular Signal-Regulated Kinase 1/2

Jace Jones-Tabah, Ryan D. Martin, Jason C. Tanny, Paul B.S. Clarke, and Terence E. Hébert

526

Characterization of VU0468554, a New Selective Inhibitor of Cardiac G Protein–Gated Inwardly Rectifying K⁺ Channels

Allison Anderson, Baovi N. Vo, Ezequiel Marron Fernandez de Velasco, Corey R. Hopkins, C. David Weaver, and Kevin Wickman

540

- ▣ Remdesivir and EIDD-1931 Interact with Human Equilibrative Nucleoside Transporters 1 and 2: Implications for Reaching SARS-CoV-2 Viral Sanctuary Sites

Siennah R. Miller, Meghan E. McGrath, Kimberley M. Zorn, Sean Ekins, Stephen H. Wright, and Nathan J. Cherrington

548

- ▣ β -Arrestin–Biased Allosteric Modulator Potentiates Carvedilol-Stimulated β Adrenergic Receptor Cardioprotection

Jialu Wang, Biswaranjan Pani, Ilhan Gokhan, Xinyu Xiong, Alem W. Kahsai, Haoran Jiang, Seungkirl Ahn, Robert J. Lefkowitz, and Howard A. Rockman

568

- ▣ Naturally Occurring Mutations to Muscle-Type Creatine Kinase Impact Its Canonical and Pharmacological Activities in a Substrate-Dependent Manner In Vitro

Eric P. Mosher, Colten D. Eberhard, and Namandjé N. Bumpus

588

- ▣ Identification of Key Amino Acids that Impact Organic Solute Transporter α/β (OST α/β)

William A. Murphy, James J. Beaudoin, Tuomo Laitinen, Noora Sjöstedt, Melina M. Malinen, Henry Ho, Peter W. Swaan, Paavo Honkakoski, and Kim L.R. Brouwer

599

ERRATA

Correction to Unique Positive Cooperativity Between the β -Arrestin–Biased β -Blocker Carvedilol and a Small Molecule Positive Allosteric Modulator of the β 2-Adrenergic Receptor	597
Correction to β ₂ -Adrenoceptor Agonists Promote Extracellular Signal-Regulated Kinase 1/2 Dephosphorylation in Human Airway Epithelial Cells by Canonical, cAMP-Driven Signaling Independently of β -Arrestin 2	598
Correction to Tacrine Induces Endoplasmic Reticulum–Stressed Apoptosis via Disrupting the Proper Assembly of Oligomeric Acetylcholinesterase in Cultured Neuronal Cells	609
Correction to The Intracellular N-Terminal Domain of the Acid-Sensing Ion Channel 1a Participates in Channel Opening and Membrane Expression	610

Supplemental material is available online at <http://molpharm.aspetjournals.org>.

About the cover: ENT1 and ENT2 substrate pharmacophores. See the article by Miller et al. ([dx.doi.org/10.1124/molpharm.121.000333](https://doi.org/10.1124/molpharm.121.000333)).