MINIREVIEW
Allergen Delivery Inhibitors: A Rationale for Targeting Sentinel Innate Immune Signaling of Group 1 House Dust Mite Allergens through Structure-Based Protease Inhibitor Design
Jihui Zhang, Jie Chen, Gary K. Newton, Trevor R. Perrior, and Clive Robinson

ARTICLES
- Intergenic Splicing between Four Adjacent UGT Genes (2B15, 2B29P2, 2B17, 2B29P1) Gives Rise to Variant UGTs That Inhibit Glucuronidation via Protein-Protein Interactions
  Dong Gui Hu, Julie-Ann Hulin, Dhilushi D. Wijayakumara, Ross A. McKinnon, Peter I. Mackenzie, and Robyn Meech
- Nucleosome Positioning and Gene Regulation of the SGLT2 Gene in the Renal Proximal Tubular Epithelial Cells
  Hiroaki Takesue, Takeshi Hirota, Mami Tachimura, Ayane Tokashiki, and Ichiro Ieiri
- A Novel CRISPR/Cas9-Based Cellular Model to Explore Adenylyl Cyclase and cAMP Signaling
  Monica Soto-Velasquez, Michael P. Hayes, Aktan Alpsoy, Emily C. Dykhuizen, and Val J. Watts
- Molecular Determinants of the Differential Modulation of Ca_{2+}1.2 and Ca_{2+}1.3 by Nifedipine and FPL 64176
  Yuchen Wang, Shiqi Tang, Kyle E. Harvey, Amy E. Salyer, T. August Li, Emily K. Rantz, Markus A. Lill, and Gregory H. Hockerman
- Chaperone Activity and Dimerization Properties of Hsp90α and Hsp90β in Glucocorticoid Receptor Activation by the Multiprotein Hsp90/Hsp70-Dependent Chaperone Machinery
  Yoshihiro Morishima, Ranjit K. Mehta, Miyako Yoshimura, Miranda Lau, Daniel R. Southworth, Theodore S. Lawrence, William B. Pratt, Mukesh K. Nyati, and Yoichi Osawa
- Equilibrium Assays Are Required to Accurately Characterize the Activity Profiles of Drugs Modulating Gq-Protein-Coupled Receptors
  Sara Bdioui, Julien Verdi, Nicolas Pierre, Eric Trinquet, Thomas Roux, and Terry Kenakin
- Long-Acting β₂-Adrenoceptor Agonists Enhance Glucocorticoid Receptor (GR)–Mediated Transcription by Gene-Specific Mechanisms Rather Than Generic Effects via GR
  Christopher F. Rider, Mohammed O. Altonsy, Mahmoud M. Mostafa, Suharsh V. Shah, Sarah Sasse, Martijn L. Manson, Dong Yan, Carina Kärman-Märth, Anna Miller-Larsson, Anthony N. Gerber, Mark A. Giembycz, and Robert Newton
- Voltage-Gated Sodium Channels Regulating Action Potential Generation in Itch-, Nociceptive-, and Low-Threshold Mechanosensitive Cutaneous C-Fibers
  Danica Jurcakova, Fei Ru, Marian Kollarik, Hui Sun, Jeffrey Krajewski, and Bradley J. Undem
- Assessment of Substrate-Dependent Ligand Interactions at the Organic Cation Transporter OCT2 Using Six Model Substrates
  Philip J. Sandoval, Kimberly M. Zorn, Alex M. Clark, Sean Ekins, and Stephen H. Wright
An Outward-Facing Aromatic Amino Acid Is Crucial for Signaling between the Membrane-Spanning and Nucleotide-Binding Domains of Multidrug Resistance Protein 1 (MRP1; ABCC1)
Kevin E. Weigl, Guenaelle Conseil, Alice J. Rothnie, May Arama, Yossi Tsfadia, and Susan P. C. Cole
1069

Small-Molecule G Protein–Coupled Receptor Kinase Inhibitors Attenuate G Protein–Coupled Receptor Kinase 2–Mediated Desensitization of Vasoconstrictor-Induced Arterial Contractions
Richard D. Rainbow, Sean Brennan, Robert Jackson, Alison J. Beech, Amal Bengreed, Helen V. Waldschmidt, John J. G. Tesmer, R. A. John Challiss, and Jonathon M. Willets
1079

The Zinc Transporter SLC39A7 (ZIP7) Is Essential for Regulation of Cytosolic Zinc Levels
Grace Woodruff, Christian G. Bouwkamp, Femke M. de Vrij, Timothy Lovenberg, Pascal Bonaventure, Steven A. Kushner, and Anthony W. Harrington
1092

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

About the cover: Allergen Delivery Inhibitors: Targeting the Root of Allergic Asthma. See the article by Zhang et al. (dx.doi.org/10.1124/mol.118.112730).