MINIREVIEW

Tristetraprolin and Its Role in Regulation of Airway Inflammation

Pavan Prabhala and Alaina J. Ammit

ARTICLES

Structural Domains Underlying the Activation of Acid-Sensing Ion Channel 2a

Laura-Nadine Schuhmacher, Shyam Srivats, and Ewan St. John Smith

Dehydrocrenatidine Is a Novel Janus Kinase Inhibitor

Jing Zhang, Ning Zhu, Yuping Du, Qifeng Bai, Xing Chen, Jing Nan, Xiaodong Qin, Xinxin Zhang, Jianwen Hou, Qin Wang, and Jinbo Yang

Repression of the Nuclear Receptor Small Heterodimer Partner by Steatotic Drugs and in Advanced Nonalcoholic Fatty Liver Disease

Marta Benet, Carla Guzmán, Sandra Pisonero-Vaquero, M. Victoria García-Mediavilla, Sonia Sánchez-Campos, M. Luz Martínez-Chantar, M. Teresa Donato, José Vicente Castell, and Ramiro Jover

Rapid Throughput Analysis Demonstrates that Chemicals with Distinct Seizurogenic Mechanisms Differentially Alter Ca\(^{2+}\) Dynamics in Networks Formed by Hippocampal Neurons in Culture

Zhengyu Cao, Xiaohan Zou, Yanjun Cui, Susan Hulsizer, Pamela J. Lein, Heike Wulff, and Isaac N. Pessah

Identification and Characterization of a Selective Allosteric Antagonist of Human P2X4 Receptor Channels

Ariel R. Ase, Nicolette S. Honson, Helmi Zaghdane, Tom A. Pfeifer, and Philippe Séguéla

Transient Receptor Potential Melastatin-3 (TRPM3)–Induced Activation of AP-1 Requires Ca\(^{2+}\) Ions and the Transcription Factors c-Jun, ATF2, and Ternary Complex Factor

Andrea Lesch, Xin Hui, Peter Lipp, and Gerald Thiel

Pharmacological Characterization of \(^{[3]H}\)VUF11211, a Novel Radiolabeled Small-Molecule Inverse Agonist for the Chemokine Receptor CXCR3


Structural and Biophysical Characterization of Human Cytochromes P450 2B6 and 2A6 Bound to Volatile Hydrocarbons: Analysis and Comparison

Manish B. Shah, P. Ross Wilderman, Jingbao Liu, Hyun-Hee Jang, Qinghai Zhang, C. David Stout, and James R. Halpert

Native Serotonin 5-HT\(_{2C}\) Receptors Are Expressed as Homodimers on the Apical Surface of Choroid Plexus Epithelial Cells

Katharine Herrick-Davis, Ellinor Grinde, Tara Lindsley, Milt Teitler, Filippo Mancia, Ann Cowan, and Joseph E. Mazurkiewicz

SLC13A5 Is a Novel Transcriptional Target of the Pregnane X Receptor and Sensitizes Drug-Induced Steatosis in Human Liver

Linhao Li, Haishan Li, Brandy Garzel, Hui Yang, Tatsuya Sueyoshi, Qing Li, Yan Shu, Junran Zhang, Bingfang Hu, Scott Heyward, Timothy Moeller, Wen Xie, Masahiko Negishi, and Hongbing Wang
Supplemental material is available online at http://molpharm.aspetjournals.org.

About the cover: Analysis of the dynamic binding profile of known biased and balanced ligands. See the article by Martí-Solano et al. (dx.doi.org/10.1124/mol.114.097022).