HIGHLIGHTED PAPERS

PERSPECTIVES IN PHARMACOLOGY

Anatomically Selective Serotonergic Type 1A and Serotonergic Type 2A Therapies for Parkinson’s Disease: An Approach to Reducing Dyskinesia without Exacerbating Parkinsonism?

Philippe Huot, Susan H. Fox, Adrian Newman-Tancredi, and Jonathan M. Brotchie

BEHAVIORAL PHARMACOLOGY

Facilitation of Hippocampal Synaptogenesis and Spatial Memory by C-Terminal Truncated Nle1-Angiotensin IV Analogs

Caroline C. Benoist, John W. Wright, Mingyan Zhu, Suzanne M. Appleyard, Gary A. Wayman, and Joseph W. Harding

Blockade of Endocannabinoid Hydrolytic Enzymes Attenuates Precipitated Opioid Withdrawal Symptoms in Mice


Patterns of Nicotinic Receptor Antagonism: Nicotine Discrimination Studies

Emily M. Jutkiewicz, Emily A. Brooks, Adam D. Kynaston, Kenner C. Rice, and James H. Woods

CARDIOVASCULAR

A Clopidogrel-Insensitive Inducible Pool of P2Y12 Receptors Contributes to Thrombus Formation: Inhibition by Elinogrel, a Direct-Acting, Reversible P2Y12 Antagonist

Helena Haberstock-Debic, Patrick Andre, Scott Mills, David R. Phillips, and Pamela B. Conley

Chymase Inhibition Reduces Infarction and Matrix Metalloproteinase-9 Activation and Attenuates Inflammation and Fibrosis after Acute Myocardial Ischemia/Reperfusion

Shizu Oyamada, Cesario Bianchi, Shinji Takai, Louis M. Chu, and Frank W. Sellke

Glucocorticoids Improve Renal Responsiveness to Atrial Natriuretic Peptide by Up-Regulating Natriuretic Peptide Receptor-A Expression in the Renal Inner Medullary Collecting Duct in Decompensated Heart Failure

Chao Liu, Ying Chen, Yunxiao Kang, Zhihua Ni, Heping Xiu, Jing Guan, and Kunshen Liu

Enhanced Hemeoxygenase Activity in the Rostral Ventrolateral Medulla Mediates Exaggerated Hemin-Evoked Hypotension in the Spontaneously Hypertensive Rat

Noha N. Nassar, Guichu Li, Aurel L. Strat, and Abdel A. Abdel-Rahman

Inhibition of Smooth Muscle Myosin as a Novel Therapeutic Target for Hypertension

Xin Zhao, David Ho, Patricio Aburzua, Sunil K. Dhar, Xi Wang, Zhiheng Jia, Malar Pannirselvam, David J. Morgans, Fady I. Malik, and Stephen F. Vatner

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Role of Vimentin in the Inhibitory Effects of Low-Molecular-Weight Heparin on PC-3M Cell Adhesion to, and Migration through, Endothelium

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Influence of Tissue Integrity on Pharmacological Phenotypes of Muscarinic Acetylcholine Receptors in the Rat Cerebral Cortex

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Anliang Dong, Yuanzhang Fang, Li Zhang, Juan Xie, Xian Wu, Lipeng Zhang, Xiaoyuan Lian, Yihua Chen, Jian Luo, and Mingyao Liu

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Drug Targeting to Monocytes and Macrophages Using Esterase-Sensitive Chemical Motifs


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AZD9668: Pharmacological Characterization of a Novel Oral Inhibitor of Neutrophil Elastase


TAK-875, an Orally Available G Protein-Coupled Receptor 40/Fatty Acid Receptor 1 Agonist, Enhances Glucose-Dependent Insulin Secretion and Improves Both Postprandial and Fasting Hyperglycemia in Type 2 Diabetic Rats

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Masahito Ogiku, Hiroshi Kono, Michio Harra, Masato Tsuchiya, and Hideki Fujii

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Binoj Shivanna, Weiwu Jiang, Lihua Wang, Xanthi I. Couroucli, and Bhagavatula Moorthy

Signaling in H2O2-Induced Increase in Cell Proliferation in Barrett’s Esophageal Adenocarcinoma Cells

Xiaoxu Zhou, Dan Li, Murray B. Resnick, Jose Behar, Jack Wands, and Weibiao Cao

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Jeremy Mark Hernandez and Luke Jeffrey Janssen

Copper Deficiency Exacerbates Bile Duct Ligation-Induced Liver Injury and Fibrosis in Rats

Ming Song, Zhanshang Zhou, Theresa Chen, Jingwen Zhang, and Craig J. McClain
INFLAMMATION, IMMUNOPHARMACOLOGY, AND ASTHMA

Inhibition of Neutrophil Apoptosis via Sphingolipid Signaling in Acute Lung Injury
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Hyun-A Oh, Hyung-Min Kim, and Hyun-Ja Jeong

METABOLISM, TRANSPORT, AND PHARMACOGENOMICS

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NEUROPHARMACOLOGY

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S. C. R. Lummis, A. J. Thompson, M. Bencherif, and H. A. Lester

Afobazole Modulates Neuronal Response to Ischemia and Acidosis via Activation of σ-1 Receptors
Javier Cuevas, Adam Behensky, Wei Deng, and Christopher Katnik

Afobazole Modulates Microglial Function via Activation of Both σ-1 and σ-2 Receptors
Javier Cuevas, Alex Rodriguez, Adam Behensky, and Chris Katnik

Patterns of Brain Glucose Metabolism Induced by Phosphodiesterase 10A Inhibitors in the Mouse: A Potential Translational Biomarker
Stefanie Dedeurwaerdere, Cindy Wintmolders, Greet Vanhoof, and Xavier Langlois

Serotonin Transporter Occupancy in Rats Exposed to Serotonin Reuptake Inhibitors In Utero or via Breast Milk
Catherine F. Capello, Chase H. Bourke, James C. Ritchie, Zachary N. Stowe, D. Jeffrey Newport, Amanda Nemeroff, and Michael J. Owens

TOXICOLOGY

Generation and Characterization of a Cyp2f2-Null Mouse and Studies on the Role of CYP2F2 in Naphthalene-Induced Toxicity in the Lung and Nasal Olfactory Mucosa
Lei Li, Yuan Wei, Laura Van Winkle, Qing-Yu Zhang, Xin Zhou, Jinping Hu, Fang Xie, Kerri Kluetzman, and Xinxin Ding

ERRATUM

Correction to “Novel Peptide Antagonists of Adrenomedullin and Calcitonin Gene-Related Peptide Receptors: Identification, Pharmacological Characterization, and Interactions with Position 74 in Receptor Activity-Modifying Protein 1/3”

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

About the cover: Effects of IPT on eosinophil and mast cell infiltration and IL-1β expression in the AR nasal mucosa tissue. See the article by Oh et al. on page 72 of this issue.