MINIREVIEW

Autophagy and Cancer Therapy

Andrew Thorburn, Douglas H. Thamm, and Daniel L. Gustafson

ARTICLES

Sensory Nerve Terminal Mitochondrial Dysfunction Induces Hyperexcitability in Airway Nociceptors via Protein Kinase C

Stephen H. Hadley, Parmvir K. Bahia, and Thomas E. Taylor-Clark

19-Substituted Benzoquinone Ansamycin Heat Shock Protein-90 Inhibitors: Biological Activity and Decreased Off-Target Toxicity

Chuan-Hsin Chang, Derek A. Drechsel, Russell R. A. Kitson, David Siegel, Qiang You, Donald S. Backos, Cynthia Ju, Christopher J. Moody, and David Ross

Direct Activation of β-Cell KATP Channels with a Novel Xanthine Derivative

Rene Raphemot, Daniel R. Swale, Prasanna K. Dadi, David A. Jacobson, Paige Cooper, Andrew P. Wajtovich, Sreedatta Banerjee, Colin G. Nichols, and Jerod S. Denton

Dynamic Regulation of Rad51 by E2F1 and p53 in Prostate Cancer Cells upon Drug-Induced DNA Damage under Hypoxia

Minghui Wu, Xue Wang, Natalie Mcgregor, Kenneth J. Pienta, and Jingsong Zhang

Muscarinic Receptor Activation Increases hERG Channel Expression through Phosphorylation of Ubiquitin Ligase Nedd4-2

Tingzhong Wang, Andrew Hogan-Cann, Yudi Kang, Zhi Cui, Jun Guo, Tonghua Yang, Shawn M. Lamothe, Wentao Li, Aiqun Ma, John T. Fisher, and Shetuan Zhang

Epirubicin Upregulates UDP Glucuronosyltransferase 2B7 Expression in Liver Cancer Cells via the p53 Pathway

Dong Gui Hu, Anne Rogers, and Peter I. Mackenzie

Mechanism of Erythropoietin Regulation by Angiotensin II

Yong-Chul Kim, Ognoon Mungunsukh, Elizabeth A. McCart, Peter J. Roehrich, Daniel K. Yee, and Regina M. Day

Differential Effects of Membrane Cholesterol Content on the Transport Activity of Multidrug Resistance–Associated Protein 2 (ABCC2) and of the Bile Salt Export Pump (ABCB11)

Christelle Guyot, Lia Hofstetter, and Bruno Stieger

Pro32Pro33 Mutations in the Integrin β3 PSI Domain Result in αIIbβ3 Priming and Enhanced Adhesion: Reversal of the Hypercoagulability Phenotype by the Src Inhibitor SKI-606

Kendra H. Oliver, Tammy Jessen, Emily L. Crawford, Chang Y. Chung, James S. Sutcliffe, and Ana M. Carneiro
The 19S Deubiquitinase Inhibitor b-AP15 Is Enriched in Cells and Elicits Rapid Commitment to Cell Death
Xin Wang, William Stafford, Magdalena Mazurkiewicz, Mårten Fryknäs, Slavica Brjnic, Xiaonan Zhang, Joachim Gullbo, Rolf Larsson, Elias S. J. Arnér, Padraig D'Arcy, and Stig Linder

All-Trans Retinoic Acid and Sodium Butyrate Enhance Natriuretic Peptide Receptor A Gene Transcription: Role of Histone Modification
Prerna Kumar, Ramu Periyasamy, Subhankar Das, Smitha Neerukonda, Indra Mani, and Kailash N. Pandey

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

About the cover: Nuclear foci formation of Rad51 and BRCA1 as detected by immunofluorescence in normoxic and hypoxic PC3 cells either untreated (control) or treated with 0.1 μM SN38 for 4 hours. See the article by Wu et al. (dx.doi.org/10.1124/mol.113.090688).