MINIREVIEW

Vitamin E Analogs, a Novel Group of “Mitocans,” as Anticancer Agents: The Importance of Being Redox-Silent

Jiri Neuzil, Marco Tomasetti, Yan Zhao, Lan-Feng Dong, Marc Birringer, Xiu-Fang Wang, Pauline Low, Kun Wu, Brian A. Salvatore, and Steven J. Ralph

ACCELERATED COMMUNICATIONS

Activation of TRPA1 Channels by the Fatty Acid Amide Hydrolase Inhibitor 3′-Carbamoyl biphenyl-3-yl cyclohexylcarbamate (URB597)

Wende Niforatos, Xu-Feng Zhang, Marc R. Lake, Karl A. Walter, Torben Neelands, Thomas F. Holzman, Victoria E. Scott, Connie R. Faltynek, Robert B. Moreland, and Jun Chen

ARTICLES

D2 Receptors Regulate Dopamine Transporter Function via an Extracellular Signal-Regulated Kinases 1 and 2-Dependent and Phosphoinositide 3 Kinase-Independent Mechanism

Reversal of Stathmin-Mediated Resistance to Paclitaxel and Vinblastine in Human Breast Carcinoma Cells
Elizabeth Alli, Jin-Ming Yang, James M. Ford, and William N. Hait

Solute-Inhibitor Interactions in the Plasmodial Surface Anion Channel Reveal Complexities in the Transport Process
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A Widely Used Retinoic Acid Receptor Antagonist Induces Peroxisome Proliferator-Activated Receptor-γ Activity
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Synergistic Neuroprotection by Bis(7)-tacrine via Concurrent Blockade of N-Methyl-D-aspartate Receptors and Neuronal Nitric-Oxide Synthase
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Agonist-Driven Conformational Changes in the Inner β-Sheet of α7 Nicotinic Receptors
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Bryan Voss, Joseph N. McLaughlin, Michael Holinstat, Roy Zent, and Heidi E. Hamm

Activation of Single Nicotinic Receptor Channels from Caenorhabditis elegans Muscle
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Post-Transcriptional Regulation of Human Inducible Nitric-Oxide Synthase Expression by the Jun N-terminal Kinase
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Correction to “A Pair-Feeding Study Reveals That a Y5 Antagonist Causes Weight Loss in Diet-Induced Obese Mice by Modulating Food Intake and Energy Expenditure”

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

About the cover: Overall alignment of all 67 compounds used in generating 3D-QSAR models. See the article by McKay et al. on page 1288 of this issue.