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ARTICLES

- [S] An Inducible Cytochrome P450 3A4-Dependent Vitamin D Catabolic Pathway
Zhican Wang, Yvonne S. Lin, Xi Emily Zheng, Tauri Senn, Takanori Hashizume, Michele Scian, Leslie J. Dickmann, Sidney D. Nelson, Thomas A. Baillie, Mary F. Hebert, David Blough, Connie L. Davis, and Kenneth E. Thummel 498
- [S] The Ca^{2+} Sensor Stromal Interaction Molecule 1 (STIM1) Is Necessary and Sufficient for the Store-Operated Ca^{2+} Entry Function of Transient Receptor Potential Canonical (TRPC) 1 and 4 Channels in Endothelial Cells
Premanand C. Sundivakkam, Marc Freichel, Vandana Singh, Joseph P. Yuan, Stephen M. Vogel, Veit Flockerzi, Asrar B. Malik, and Chinnaswamy Tiruppathi 510
- [S] Obatoclox and Lapatinib Interact to Induce Toxic Autophagy through NOXA
Yong Tang, Hossein A. Hamed, Nichola Cruickshanks, Paul B. Fisher, Steven Grant, and Paul Dent 527
- Nicotine Persistently Activates Ventral Tegmental Area Dopaminergic Neurons via Nicotinic Acetylcholine Receptors Containing $\alpha 4$ and $\alpha 6$ Subunits
Liwang Liu, Rubing Zhao-Shea, J. Michael McIntosh, Paul D. Gardner, and Andrew R. Tapper 541
- [S] A Superoxide-Mediated Mitogen-Activated Protein Kinase Phosphatase-1 Degradation and c-Jun NH_2 -Terminal Kinase Activation Pathway for Luteolin-Induced Lung Cancer Cytotoxicity
Lang Bai, Xiuling Xu, Qiong Wang, Shanling Xu, Wei Ju, Xia Wang, Wenshu Chen, Weiyang He, Hong Tang, and Yong Lin 549
- [S] cAMP-Specific Phosphodiesterases 8A and 8B, Essential Regulators of Leydig Cell Steroidogenesis
Masami Shimizu-Albergine, Li-Chun Lisa Tsai, Enrico Patrucco, and Joseph A. Beavo 556
- Selective, Direct Activation of High-Conductance, Calcium-Activated Potassium Channels Causes Smooth Muscle Relaxation
Cristiano G. Ponte, Owen B. McManus, William A. Schmalhofer, Dong-Ming Shen, Ge Dai, Andra Stevenson, Sylvie Sur, Tarak Shah, Laszlo Kiss, Min Shu, James B. Doherty, Ravi Nargund, Gregory J. Kaczorowski, Guilherme Suarez-Kurtz, and Maria L. Garcia 567
- [S] Camptothecin Induces Apoptosis in Cancer Cells via MicroRNA-125b-Mediated Mitochondrial Pathways
Cheng-Wu Zeng, Xing-Ju Zhang, Kang-Yu Lin, Hua Ye, Shu-Ying Feng, Hua Zhang, and Yue-Qin Chen 578
- Mechanisms of the Inhibition of Nuclear Factor- κB by Morphine in Neuronal Cells
Christine Börner, Volker Höllt, and Jürgen Kraus 587
- Regulation of Breast Cancer Resistant Protein by Peroxisome Proliferator-Activated Receptor α in Human Brain Microvessel Endothelial Cells
Md. Tozammel Hoque, Kevin R. Robillard, and Reina Bendayan 598

Impaired Glycinergic Synaptic Transmission and Enhanced Inflammatory Pain in Mice with Reduced Expression of Vesicular GABA Transporter (VGAT)

Makiko Hardy Yamada, Koichi Nishikawa, Kazuhiro Kubo, Yuchio Yanagawa, and Shigeru Saito

610

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

About the cover: Selective activation of $\alpha 4^*$ nAChRs reveals two receptor subtypes mediating nicotine-induced activation of VTA dopaminergic neurons. Action potential firing from a VTA dopaminergic neuron in a slice from an animal harboring a mutation in the $\alpha 4$ nicotinic receptor subunit that alters nicotine potency. Nicotine and various compounds were applied as indicated. Representative recordings of spike firing corresponding to individual time points are shown. A summary of changes in the neuronal firing is also shown. See article by Liu et al. on page 541 of this issue.