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## ARTICLES

- 5 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
- 5 The Ca<sup>2+</sup> Sensor Stromal Interaction Molecule 1 (STIM1) Is Necessary and Sufficient for the Store-Operated Ca<sup>2+</sup> 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
- 5 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
- 5 A Superoxide-Mediated Mitogen-Activated Protein Kinase Phosphatase-1 Degradation and c-Jun NH<sub>2</sub>-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
- 5 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
- 5 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- $\kappa$ B by Morphine in Neuronal Cells  
*Christine Börner, Volker Höllt, and Jürgen Kraus* 587
- Regulation of Breast Cancer Resistant Protein by Peroxisome Proliferator-Activated Receptor  $\alpha$  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.