MINIREVIEW
Writing and Rewriting the Epigenetic Code of Cancer Cells: From Engineered Proteins to Small Molecules
Pilar Blancafort, Jian Jin, and Stephen Frye

ACCELERATED COMMUNICATION
SKF83959 Is a Potent Allosteric Modulator of Sigma-1 Receptor
Lin Guo, Jianghao Zhao, Guozhang Jin, Bin Zhao, Guanghui Wang, Ao Zhang, and Xuechu Zhen

ARTICLES
- Regions on Adenylyl Cyclase VII Required for Selective Regulation by the G13 Pathway
  Lily I. Jiang, Jennifer E. Wang, and Paul C. Sternweis
- Aryl Hydrocarbon Receptor is a Target of 17-Allylamino-17-demethoxygeldanamycin and Enhances its Anticancer Activity in Lung Adenocarcinoma Cells
  Po-Hung Chen, Jinghua Tsai Chang, Lih-Ann Li, Hui-Ti Tsai, Mei-Ya Shen, and Pinpin Lin
- Vitamin K2 Covalently Binds to Bak and Induces Bak-Mediated Apoptosis
  Satoki Karasawa, Motoki Azuma, Takeshi Kasama, Satoshi Sakamoto, Yasuaki Kabe, Takeshi Imai, Yuki Yamaguchi, Keisuke Miyazawa, and Hiroshi Handa
- Autocrine Endocannabinoid Signaling through CB1 Receptors Potentiates OX1 Orexin Receptor Signaling
  Maria H. Jäntti, Jaana Putula, Pauli M. Turunen, Johnny Näsman, Sami Reijonen, Christer Lindqvist, and Jyrki P. Kukkonen
- Differentiation of Opioid Drug Effects by Hierarchical Multi-Site Phosphorylation
- Control of P2X3 Channel Function by Metabotropic P2Y2 UTP Receptors in Primary Sensory Neurons
  Gary Mo, Jennifer C. Peleshok, Chang-Qing Cao, Alfredo Ribeiro-da-Silva, and Philippe Séguela
- 5-Cholesten-3ß,25-Diol 3-Sulfate Decreases Lipid Accumulation in Diet-Induced Nonalcoholic Fatty Liver Disease Mouse Model
  Leyuan Xu, Jin Koung Kim, Qianming Bai, Xin Zhang, Genta Kakiyama, Hae-ki Min, Arun J. Sanyal, William M. Pandak, and Shunlin Ren
Induced CYP3A4 Expression in Confluent Huh7 Hepatoma Cells as a Result of Decreased Cell Proliferation and Subsequent Pregnane X Receptor Activation
Louise Sivertsson, Irene Edebert, Margareta Porsmyr Palmertz, Magnus Ingelman-Sundberg, and Etienne P. A. Neve

Trichostatin A Inhibits Transforming Growth Factor-β–Induced Reactive Oxygen Species Accumulation and Myofibroblast Differentiation via Enhanced NF-E2-Related Factor 2-Antioxidant Response Element Signaling
Lingling Yang, Mingli Qu, Yao Wang, Haoyun Duan, Peng Chen, Ye Wang, Weiyun Shi, Patrik Danielson, and Qingjun Zhou

High-Throughput Screening of Small Molecules Identifies Hepcidin Antagonists
Eileen Fung, Priscilla Sugianto, Jason Hsu, Robert Damoiseaux, Tomas Ganz, and Elizabeta Nemeth

Smoothened Is a Fully Competent Activator of the Heterotrimeric G Protein G_i
Feng Shen, Lan Cheng, Andrew E. Douglas, Natalia A. Riobo, and David R. Manning

Effects on Gene Expression in Rat Liver after Administration of RXR Agonists: UAB30, 4-Methyl-UAB30, and Targretin (Bexarotene)
Peter T. Vedell, Yan Lu, Clinton J. Grubbs, Yuxin Yin, Hui Jiang, Kirby I. Bland, Donald D. Muccio, Dusica Cvetkovic, Ming You, and Ronald Lubet

Direct Transcriptional Regulation of Human Hepatic Cytochrome P450 3A4 (CYP3A4) by Peroxisome Proliferator–Activated Receptor Alpha (PPARα)
Maria Thomas, Oliver Burk, Britta Klumpp, Benjamin A. Kandel, Georg Damm, Thomas S. Weiss, Kathrin Klein, Matthias Schwab, and Ulrich M. Zanger

ERRATUM
Correction to “Small-Molecule Targeting of Proliferating Cell Nuclear Antigen Chromatin Association Inhibits Tumor Cell Growth”

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

About the cover: Structure of a nucleosome showing the core histones H3 in green and the histone tail protruding out of the nucleosome outlining the H3K9me2 mark in yellow (1KX5) and superimposed with the H3K9 lysine methyltransferase (2RFI); See article Blancafort et al. on page 563 of this issue.