SPECIAL SECTION—SPATIAL ORGANIZATION OF SIGNAL TRANSDUCTION

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Nathaniel A. Jeske

The Role of Heat Shock Proteins in Regulating Receptor Signal Transduction
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Organic Anion Transporting Polypeptides: Emerging Roles in Cancer Pharmacology
Rachael R. Schulte and Richard H. Ho

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1. Cypate and Cypate-Glucosamine as Near-Infrared Fluorescent Probes for In Vivo Tumor Imaging
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2. Coordinated Transcriptional Regulation of Cytochrome P450 3As by Nuclear Transcription Factor Y and Specificity Protein 1
Ruohong Chen, Jun Jiang, Zhangsheng Hu, Wenchu Ye, Qianqian Yuan, Mengyuan Li, Jikai Wen, and Yiqun Deng

3. Opioid-Mediated Modulation of Acid-Sensing Ion Channel Currents in Adult Rat Sensory Neurons
Malgorzata Zaremba and Victor Ruiz-Velasco

4. Rationale for Using Irreversible Epidermal Growth Factor Receptor Inhibitors in Combination with Phosphatidylinositol 3-Kinase Inhibitors for Advanced Head and Neck Squamous Cell Carcinoma
Nicole L. Michmerhuizen, Elizabeth Leonard, Chloe Matovina, Micah Harris, Gabrielle Herbst, Aditi Kulkarni, Jingyi Zhai, Hui Jiang, Thomas E. Carey, and J. Chad Brenner

5. Protocol-Dependent Differences in IC_{50} Values Measured in Human Ether-Á-Go-Go–Related Gene Assays Occur in a Predictable Way and Can Be Used to Quantify State Preference of Drug Binding
William Lee, Monique J. Windley, Matthew D. Perry, Jamie I. Vandenberg, and Adam P. Hill

6. Investigation of the Endoplasmic Reticulum Localization of UDP-Glucuronosyltransferase 2B7 with Systematic Deletion Mutants
Yuu Miyauchi, Sora Kimura, Akane Kimura, Ken Kurohara, Yuko Hirota, Keiko Fujimoto, Peter I. Mackenzie, Yoshitaka Tanaka, and Yuji Ishii

7. Human GPRC6A Mediates Testosterone-Induced Mitogen-Activated Protein Kinases and mTORC1 Signaling in Prostate Cancer Cells
Ruisong Ye, Min Pi, Mohammed M. Nooh, Suleiman W. Bahout, and L. Darryl Quarles
Development of a Photoswitchable Lithium-Sensitive Probe to Analyze Nonselective Cation Channel Activity in Migrating Cancer Cells

Jinxin V. Pei, Sabrina Heng, Michael L. De Ieso, Georgina Sylvia, Mohamad Kourghi, Saeed Nourmohammadi, Andrew D. Abell, and Andrea J. Yool

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

About the cover: Characterization of lithium hot spots in AQP1-expressing and AQP1-deficient cells. See article by Pei et al. (dx.doi.org/10.1124/mol.118.115428).