MINIREVIEW
Roles for Regulator of G Protein Signaling Proteins in Synaptic Signaling and Plasticity
Kyle J. Gerber, Katherine E. Squires, and John R. Hepler

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- Substance P Enhances Keratocyte Migration and Neutrophil Recruitment through Interleukin-8
  Marta Słoniecka, Sandrine Le Roux, Qingjun Zhou, and Patrik Danielson
- Arsenic Attenuates GLI Signaling, Increasing or Decreasing its Transcriptional Program in a Context-Dependent Manner
  Bin Li, Camilla Giambelli, Bo Tang, Emily Winterbottom, Jun Long, Ke Jin, Zhiqiang Wang, Dennis Liang Fei, Dao M. Nguyen, Mohammad Athar, Baolin Wang, Pochi R. Subbarayan, Lily Wang, Priyanwada Rai, Bach Ardalan, Anthony J. Capobianco, and David J. Robbins
- Structural Insights into the Pharmacophore of Vinca Domain Inhibitors of Microtubules
  Yuxi Wang, Frederick W. Benz, Yangping Wu, Qisheng Wang, Yunfeng Chen, Xiangzheng Chen, Huiyan Li, Yonghui Zhang, Rundong Zhang, and Jinliang Yang
- Human Antigen R Binding and Regulation of SOX2 mRNA in Human Mesenchymal Stem Cells
  Elisa Latorre, Stephana Carelli, Filippo Caremoli, Toniella Giallongo, Mattia Colli, Alessandra Canazza, Alessandro Provenzani, Anna Maria Di Giulio, and Alfredo Gorio
- Pharmacology and Structural Analysis of Ligand Binding to the Orthosteric Site of Glutamate-Like GluD2 Receptors
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- A Gene Expression Signature Associated with Overall Survival in Patients with Hepatocellular Carcinoma Suggests a New Treatment Strategy
  Jean-Pierre Gillet, Jesper B. Andersen, James P. Madigan, Sudhir Varma, Rachel K. Bagni, Katie Powell, William E. Burgan, Chung-Pu Wu, Anna Maria Calcagno, Suresh V. Ambudkar, Snorri S. Thorgeirsson, and Michael M. Gottesman
- Biological Characterization of an Improved Pyrrole-Based Colchicine Site Agent Identified through Structure-Based Design
  Cristina C. Rohena, Nakul S. Telang, Chenxiao Da, April L. Risinger, James A. Sikorski, Glen E. Kellogg, John T. Gupton, and Susan L. Mooberry
- Dose–Response Analysis When There Is a Correlation between Affinity and Efficacy
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- In Vitro and In Vivo Identification of Novel Positive Allosteric Modulators of the Human Dopamine D2 and D3 Receptor
  Martyn Wood, Ali Ates, Veronique Marie Andre, Anne Michel, Robert Barnaby, and Michel Gillard
AMP-Activated Protein Kinase Mediates the Antiplatelet Effects of the Thiazolidinediones Rosiglitazone and Pioglitazone
Yingqiu Liu, Jung-Min Park, Kyung-Hwa Chang, Hee Jin Huh, Kyeong Lee, and Moo-Yeol Lee

ERRATUM
Correction to “α-Conotoxins Identify the α3β4* Subtype as the Predominant Nicotinic Acetylcholine Receptor Expressed in Human Adrenal Chromaffin Cells”

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

About the cover: Comparison of the interactions of HTI-286, MMAE and tubulysin M with tubulin. See the article by Wang et al. (dx.doi.org/10.1124/mol.115.100149).