ARTICLES

Effects of Small Molecule Ligands on ACKR3 Receptors
Brittany E. Hopkins, Ikuo Masuho, Dongjun Ren, Iredia D. Iyamu, Wei Lv, Neha Malik, Kirill A. Martemyanov, Gary E. Schiltz, and Richard J. Miller

Michaelis-Menten Quantification of Ligand Signaling Bias Applied to the Promiscuous Vasopressin V2 Receptor
Franziska Marie Heydenreich, Bianca Plouffe, Aurélien Rizk, Dalibor Milić, Joris Zhou, Billy Breton, Christian Le Gouill, Asuka Inoue, Michel Bouvier, and Dmitry B. Veprintsev

Mechanisms Underlying the Inhibition of KV1.3 Channel by Scorpion Toxin ImKTX58
Xu Zhang, Qianru Zhao, Fan Yang, Zhen Lan, Yi Li, Min Xiao, Hui Yu, Ziyi Li, Yongsheng Zhou, Yingliang Wu, Zhijian Cao, and Shijin Yin

Screening and Identification of a Novel Anti–Siglec-15 Human Antibody 3F1 and Relevant Antitumor Activity
Jiaguo Wu, Jingyi Peng, Yangyihua Zhou, Ran Zhang, Zhihong Wang, Naijing Hu, Dingmu Zhang, Guìqi Quan, Yuanyu Wu, Jiannan Feng, Beifen Shen, Jian Zhao, Yan Zhang, Kaiming Yang, and Longlong Luo

Optimized Pyridazinone Nutrient Channel Inhibitors Are Potent and Specific Antimalarial Leads

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

About the cover: Iterative medicinal chemistry of a screening hit to develop antimalarial drugs targeting a parasite nutrient uptake channel. See the article by Butler et al. (dx.doi.org/10.1124/molpharm.122.000549).