

# MOLECULAR PHARMACOLOGY

A Publication of the American Society for Pharmacology and Experimental Therapeutics

December 2023

Vol. 104, No. 6

## Contents

### ARTICLES

- ☐ Targeting Cyclophilin A and CD147 to Inhibit Replication of Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) and SARS-CoV-2–Induced Inflammation 239  
*Fan Yang, Chenglong Liu, Pengyuan Li, Aihua Wu, Yue Ma-Lauer, Hao Zhang, Zhuang Su, Wei Lu, Albrecht von Brunn, and Di Zhu*
- ☐ Molecular Mechanisms of Organic Anion Transporting Polypeptide–Mediated Organic Anion Clearance at the Blood–Cerebrospinal Fluid Barrier 255  
*Austin Sun, Bruno Hagenbuch, Edward J. Kelly, and Joanne Wang*
- Substituted Cysteine Modification and Protection with n-Alkyl-MTS Reagents Quantifies Steric Changes Induced by a Mutation in Anesthetic Binding Sites on GABA Type A Receptors 266  
*Kieran Bhave and Stuart A. Forman*
- ☐ Screening for Novel Type 2 Ryanodine Receptor Inhibitors by Endoplasmic Reticulum Ca<sup>2+</sup> Monitoring 275  
*Mai Takenaka, Masami Kodama, Takashi Murayama, Mari Ishigami-Yuasa, Shuichi Mori, Ryosuke Ishida, Junji Suzuki, Kazunori Kanemaru, Masami Sugihara, Masamitsu Iino, Aya Miura, Hajime Nishio, Sachio Morimoto, Hiroyuki Kagechika, Takashi Sakurai, and Nagomi Kurebayashi*

☐ Supplemental material is available online at [molpharm.aspetjournals.org](http://molpharm.aspetjournals.org).

*About the cover:* Cryo-electron micrography structures of anesthetics bound to  $\alpha 1\beta 2\gamma 2L$  receptors. See the article by Bhave et al. ([dx.doi.org/10.1124/molpharm.123.000719](https://doi.org/10.1124/molpharm.123.000719)).