

PHARMACOLOGICAL REVIEWS

A Publication of the American Society for Pharmacology and Experimental Therapeutics

September 2024

Vol. 76, No. 5

Contents

EDITORIALS

- The Enduring Impact of *Pharmacological Reviews*—Editorial 620
David R. Sibley
- International Union of Basic and Clinical Pharmacology. CXVI: NC-IUPHAR and *Pharmacological Reviews*: 30+ Years of Collaboration—Editorial 622
Eliot H. Ohlstein

IUPHAR NOMENCLATURE REPORT

- International Union of Basic and Clinical Pharmacology CXIV: Orexin Receptor Function, Nomenclature and Pharmacology 625
Jyrki P. Kukkonen, Laura H. Jacobson, Daniel Hoyer, Maiju K. Rinne, and Stephanie L. Borgland

REVIEW ARTICLES

- Topically Applied Therapies for the Treatment of Skin Disease: Past, Present, and Future 689
Marc Brown, Adrian Williams, Robert P. Chilcott, Brendan Brady, Jon Lenn, Charles Evans, Lynn Allen, William J. McAuley, Mubinah Beebeejaun, Jasmin Haslinger, Claire Beuttel, Raquel Vieira, Florencia Guidali, and Margarida Miranda
- ☐ Cardiovascular Pharmacogenetics: From Discovery of Genetic Association to Clinical Adoption of Derived Test 791
Benoît Delabays, Katerina Trajanoska, Joshua Walonoski, and Vincent Mooser
- Conotoxins Targeting Voltage-Gated Sodium Ion Channels 828
Shengrong Pei, Nan Wang, Zaoli Mei, Dongting Zhangsun, David J. Craik, J. Michael McIntosh, Xiaopeng Zhu, and Sulan Luo
- Pharmacology of Hydrogen Sulfide and Its Donors in Cardiometabolic Diseases 846
Hai-Jian Sun, Qing-Bo Lu, Xue-Xue Zhu, Zhang-Rong Ni, Jia-Bao Su, Xiao Fu, Guo Chen, Guan-Li Zheng, Xiao-Wei Nie, and Jin-Song Bian
- ☐ The Art of Finding the Right Drug Target: Emerging Methods and Strategies 896
Zi-Chang Jia, Xue Yang, Yi-Kun Wu, Min Li, Debatosh Das, Mo-Xian Chen, and Jian Wu
- The Development of Cannabinoids as Therapeutic Agents in the United States 915
Conor H. Murray, Brenda M. Gannon, Peter J. Winsauer, Ziva D. Cooper, and Marcus S. Delatte
- Intestinal Barrier, Immunity and Microbiome: Partners in the Depression Crime 956
Eva M. Medina-Rodríguez, José Martínez-Raga, and Yolanda Sanz

☐ Supplemental material is available online at pharmrev.aspetjournals.org.

About the cover: "Physiological functions of orexin neurons." See the article by Kukkonen et al. ([dx.doi.org/10.1124/pharmrev.123.000953](https://doi.org/10.1124/pharmrev.123.000953)).