Review Articles

Evidence for Modulation of Substance Use Disorders by the Gut Microbiome: Hidden in Plain Sight
Mariana Angoa-Pérez and Donald M. Kuhn 571

Ontogeny of Hepatic Transporters and Drug-Metabolizing Enzymes in Humans and in Nonclinical Species

Rescuing the Last-Line Polymyxins: Achievements and Challenges
Sue C. Nang, Mohammad A. K. Azad, Tony Velkov, Qi (Tony) Zhou, and Jian Li 679

Sex- and Gender-Based Pharmacological Response to Drugs
Franck Mauvais-Jarvis, Heiner K. Berthold, Ilaria Campesi, Juan-Jesus Carrero, Santosh Dhakal, Flavia Franconi, Ioanna Gouni-Berthold, Mark L. Heiman, Alexandra Kaurczy-Willer, Sabra L. Klein, Anne Murphy, Vera Regitz-Zagrosek, Karen Reue, and Joshua B. Rubin 730

Hydroxynorketamines: Pharmacology and Potential Therapeutic Applications

Therapeutic Targeting of the Complement System: From Rare Diseases to Pandemics
Peter Garred, Andrea J. Tenner, and Tom E. Mollnes 792

Viral G Protein–Coupled Receptors: Attractive Targets for Herpesvirus-Associated Diseases

Modeling Pharmacokinetic Natural Product–Drug Interactions for Decision-Making: A NaPDI Center Recommended Approach
Emily J. Cox, Dan-Dan Tian, John D. Clarke, Allan E. Rettie, Jashvant D. Unadkat, Kenneth E. Thummel, Jeannine S. McCune, and Mary F. Paine 847

Errata
Correction to “Cognitive Effects of MDMA in Laboratory Animals: A Systematic Review Focusing on Dose” 729
Correction to “Sex- and Gender-Based Pharmacological Response to Drugs” 860

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

About the cover: Polymyxins: a last defense against Gram-negative ‘superbugs’. Courtesy of the creator Ella Maruschenko. See the article by Nang et al. (dx.doi.org/10.1124/dmd.120.000020).