

# PHARMACOLOGICAL REVIEWS

A Publication of the American Society for Pharmacology and Experimental Therapeutics

October 2014

Volume 66, Number 4

## IUPHAR Nomenclature Report

- International Union of Basic and Clinical Pharmacology. XC. Multisite Pharmacology: Recommendations for the Nomenclature of Receptor Allosterism and Allosteric Ligands 918  
*Arthur Christopoulos, Jean-Pierre Changeux, William A. Catterall, Dorian Fabbro, Thomas P. Burris, John A. Cidlowski, Richard W. Olsen, John A. Peters, Richard R. Neubig, Jean-Philippe Pin, Patrick M. Sexton, Terry P. Kenakin, Frederick J. Ehlert, Michael Spedding, and Christopher J. Langmead*

## Review Articles

- Bile Acid Signaling in Metabolic Disease and Drug Therapy 948  
*Tiangang Li and John Y. L. Chiang*
- Novel and Conventional Receptors for Ghrelin, Desacyl-Ghrelin, and Pharmacologically Related Compounds 984  
*Brid Callaghan and John B. Furness*
- Targeting the Modulation of Neural Circuitry for the Treatment of Anxiety Disorders 1002  
*David H. Farb and Marcia H. Ratner*
- Phospholipase D Signaling Pathways and Phosphatidic Acid as Therapeutic Targets in Cancer 1033  
*Ronald C. Bruntz, Craig W. Lindsley, and H. Alex Brown*
- ☐ Mas and Its Related G Protein-Coupled Receptors, Mrgprs 1080  
*Michael Bader, Natalia Alenina, Miguel A. Andrade-Navarro, and Robson A. Santos*
- The Pharmacology of the Cytochrome P450 Epoxygenase/Soluble Epoxide Hydrolase Axis in the Vasculature and Cardiovascular Disease 1106  
*Ingrid Fleming*
- Interaction of Risk Factors, Comorbidities, and Comedications with Ischemia/Reperfusion Injury and Cardioprotection by Preconditioning, Postconditioning, and Remote Conditioning 1142  
*Péter Ferdinandy, Derek J. Hausenloy, Gerd Heusch, Gary F. Baxter, and Rainer Schulz*
- ## Erratum
- Correction to "Glutamate Receptor Ion Channels: Structure, Regulation, and Function" 1141

☐ Supplemental material is available online at <http://pharmacological.aspetjournals.org>.

*About the cover:* Crystal structures of ligand-gated ion channels, showing the range of allosteric (or coagonist) binding sites. See the article by Christopoulos et al. ([dx.doi.org/10.1124/pr.114.008862](https://doi.org/10.1124/pr.114.008862)).