**Review Articles**

A Modern Understanding of the Traditional and Nontraditional Biological Functions of Angiotensin-Converting Enzyme  

CC Chemokine Receptors and Chronic Inflammation—Therapeutic Opportunities and Pharmacological Challenges  
*Gemma E. White, Asif J. Iqbal, and David R. Greaves*

Homeoprotein Signaling in Development, Health, and Disease: A Shaking of Dogmas Offers Challenges and Promises from Bench to Bed  
*Julien Spatazza, Elizabeth Di Lullo, Alain Joliot, Edmond Dupont, Kenneth L. Moya, and Alain Prochiantz*

Therapeutic Potential of Mood Stabilizers Lithium and Valproic Acid: Beyond Bipolar Disorder  
*Chi-Tso Chiu, Zhifei Wang, Joshua G. Hunsberger, and De-Maw Chuang*

The Flinders Sensitive Line Rat Model of Depression—25 Years and Still Producing  
*David H. Overstreet and Gregers Wegener*

Integrating Optogenetic and Pharmacological Approaches to Study Neural Circuit Function: Current Applications and Future Directions  
*Garret D. Stuber and Alex O. Mason*

The Pharmacology of L-DOPA-Induced Dyskinesia in Parkinson’s Disease  
*Philippe Huot, Tom H. Johnston, James B. Koprich, Susan H. Fox, and Jonathan M. Brotchie*

Regulation of μ-Opioid Receptors: Desensitization, Phosphorylation, Internalization, and Tolerance  
*John T. Williams, Susan L. Ingram, Graeme Henderson, Charles Chavkin, Mark von Zastrow, Stefan Schulz, Thomas Koch, Christopher J. Evans, and MacDonald J. Christie*

Individual Differences and Social Influences on the Neurobehavioral Pharmacology of Abused Drugs  
*M. T. Bardo, J. L. Neisewander, and T. H. Kelly*

Targeted Drug Delivery to Treat Pain and Cerebral Hypoxia  
*Patrick T. Ronaldson and Thomas P. Davis*

Strategies to Address Low Drug Solubility in Discovery and Development  
*Hywel D. Williams, Natalie L. Trevaskis, Susan A. Charman, Ravi M. Shanker, William N. Charman, Colin W. Pouton, and Christopher J. H. Porter*

**IUPHAR Nomenclature Report**

International Union of Pharmacology. LXXXVII. Complement Peptide C5a, C4a, and C3a Receptors  
*Andreas Klos, Elisabeth Wende, Kathryn J. Wareham, and Peter N. Monk*

**Erratum**

*About the cover: Pairings between individual chemokine receptors and their chemokine ligands. Please see article by White et al. on page 47 of this issue.*