

# PHARMACOLOGICAL REVIEWS

A Publication of the American Society for Pharmacology and Experimental Therapeutics

March 2009

Volume 61, Number 1

## **IUPHAR Nomenclature Report**

- International Union of Pharmacology. LXXII. Recommendations for Trace Amine Receptor Nomenclature 1  
*Janet J. Maguire, William A. E. Parker, Steven M. Foord, Tom I. Bonner, Richard R. Neubig, and Anthony P. Davenport*

## **Review Articles**

- Endogenous Cardiotonic Steroids: Physiology, Pharmacology, and Novel Therapeutic Targets 9  
*Alexei Y. Bagrov, Joseph I. Shapiro, and Olga V. Fedorova*
- Nicotinic Acetylcholine Receptor Signalling: Roles in Alzheimer's Disease and Amyloid Neuroprotection 39  
*Steven D. Buckingham, Andrew K. Jones, Laurence A. Brown, and David B. Sattelle*
- Cerebral Blood Flow Regulation by Nitric Oxide: Recent Advances 62  
*Noboru Toda, Kazuhide Ayajiki, and Tomio Okamura*
- Acute Alcohol Action and Desensitization of Ligand-Gated Ion Channels 98  
*Alex M. Dopico and David M. Lovinger*

*About the cover:* Chemical structures of cardiotonic steroids: cardenolides (ouabain and digoxin) and bufadienolides (marinobufagenin and proscillaridin A). See article by Bagrov et al on p. 9 of this issue.