# IUPHAR Nomenclature Reports

**International Union of Basic and Clinical Pharmacology. XCI. Structure, Function, and Pharmacology of Acid-Sensing Ion Channels and the Epithelial Na⁺ Channel**

*Stephan Kellenberger and Laurent Schild*

International Union of Basic and Clinical Pharmacology. XCII. Urotensin II, Urotensin II–Related Peptide, and Their Receptor: From Structure to Function

*Hubert Vaudry, Jérôme Leprince, David Chatenet, Alain Fournier, David G. Lambert, Jean-Claude Le Mével, Eliot H. Ohlstein, Adel Schwertani, Hervé Tostivint, and David Vaudry*

# Review Articles

**The G Protein–Coupled Receptor–Transient Receptor Potential Channel Axis: Molecular Insights for Targeting Disorders of Sensation and Inflammation**

*Nicholas A. Veldhuis, Daniel P. Poole, Megan Grace, Peter McIntyre, and Nigel W. Bunnell*

**The A3 Adenosine Receptor: History and Perspectives**

*Pier Andrea Borea, Katia Varani, Fabrizio Vincenzi, Pier Giovanni Baraldi, Mojgan Aghazadeh Tabrizi, Stefania Merighi, and Stefania Gessi*

**The Rho Kinases: Critical Mediators of Multiple Profibrotic Processes and Rational Targets for New Therapies for Pulmonary Fibrosis**

*Rachel S. Knipe, Andrew M. Tager, and James K. Liao*

**Physiology, Signaling, and Pharmacology of Galanin Peptides and Receptors: Three Decades of Emerging Diversity**

*Roland Lang, Andrew L. Gundlach, Fiona E. Holmes, Sally A. Hobson, David Wynick, Tomas Hökfelt, and Barbara Köfler*

**Serotonin 5-HT₂ Receptor Interactions with Dopamine Function: Implications for Therapeutics in Cocaine Use Disorder**

*Leonard L. Howell and Kathryn A. Cunningham*

**What Can Crystal Structures of Aminergic Receptors Tell Us about Designing Subtype-Selective Ligands?**

*Makako Michino, Thijs Beuming, Prashant Donthamsetti, Amy Hawck Newman, Jonathan A. Javitch, and Lei Shi*

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*About the cover:* The orthosteric binding site and secondary binding pockets. See the article by Michino et al. (dx.doi.org/10.1124/pr.114.009944).