

# PHARMACOLOGICAL REVIEWS

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## **IUPHAR Nomenclature Report**

- International Union of Pharmacology. LXIX. Status of the Calcitonin Gene-Related Peptide Subtype 2 Receptor 143  
*Debbie L. Hay, David R. Poyner, and Remi Quirion*

## **Review Articles**

- Anchoring Junctions As Drug Targets: Role in Contraceptive Development 146  
*Dolores D. Mruk, Bruno Silvestrini, and C. Yan Cheng*
- “Inside-Out” Signaling of Sphingosine-1-Phosphate: Therapeutic Targets 181  
*Kazuaki Takabe, Steven W. Paugh, Sheldon Milstien, and Sarah Spiegel*
- Modulation of P-Glycoprotein at the Blood-Brain Barrier: Opportunities to Improve Central Nervous System Pharmacotherapy 196  
*David S. Miller, Björn Bauer, and Anika M. S. Hartz*
- Vascular Actions of Estrogens: Functional Implications 210  
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## **Erratum**

- Correction to “Pharmacological and Clinical Aspects of Heme Oxygenase” 242

*About the cover:* “Inside-out” signaling of S1P. The scheme depicts the metabolism and actions of S1P in broad strokes. See article by Takabe et al. on page 181.