

# PHARMACOLOGICAL REVIEWS

A Publication of the American Society for Pharmacology and Experimental Therapeutics

March 2008

Volume 60, Number 1

## **IUPHAR Nomenclature Report**

- International Union of Pharmacology. LXVIII. Mammalian Bombesin Receptors:  
Nomenclature, Distribution, Pharmacology, Signaling, and Functions in Normal and  
Disease States 1  
*R. T. Jensen, J. F. Battey, E. R. Spindel, and R. V. Benya*

## **Review Articles**

- Vertebrate Membrane Proteins: Structure, Function, and Insights from Biophysical  
Approaches 43  
*Daniel J. Müller, Nan Wu, and Krzysztof Palczewski*
- Pharmacological and Clinical Aspects of Heme Oxygenase 79  
*Nader G. Abraham and Attallah Kappas*
- Sortase as a Target of Anti-Infective Therapy 128  
*Anthony W. Maresso and Olaf Schneewind*
- Erratum**
- Correction to "5-HT Receptor Regulation of Neurotransmitter Release" 142

*About the cover:* In the article by Maresso and Schneewind (page 128), high-throughput screening identifies mechanism-based inhibitors of sortase. The crystal structure of sortase with the AAEK inhibitors identified keystone interactions and ionic pockets that can be exploited for inhibitor improvement.