IUPHAR Nomenclature Report
International Union of Basic and Clinical Pharmacology. LXXXVI. Orexin Receptor Function, Nomenclature and Pharmacology
   Anthony L. Gotter, Andrea L. Webber, Paul J. Coleman, John J. Renger, and Christopher J. Winrow

Review Articles
Organic Anion Transporters and Their Implications in Pharmacotherapy
   Arian Emami Riedmaier, Anne T. Nies, Elke Schaeffeler, and Matthias Schwab

Pharmacology and Therapeutics of Bronchodilators
   Mario Cazzola, Clive P. Page, Luigi Galizetta, and M. Gabriella Matera

Physical and Chemical Strategies for Therapeutic Delivery by Using Polymeric Nanoparticles
   José M. Morachis, Enas A. Mahmoud, and Adah Almutairi

Aldehyde Dehydrogenase Inhibitors: a Comprehensive Review of the Pharmacology, Mechanism of Action, Substrate Specificity, and Clinical Application
   Vindhya Koppaka, David C. Thompson, Ying Chen, Manuel Ellermann, Kyriacos C. Nicolaou, Risto O. Juvonen, Dennis Petersen, Richard A. Deitrich, Thomas D. Hurley, and Vasilea Vasiliiou

Molecular Mechanisms Regulating the Vascular Prostacyclin Pathways and Their Adaptation during Pregnancy and in the Newborn
   Batoule H. Majed and Raouf A. Khalil

The Pharmacological Treatment of Pulmonary Arterial Hypertension
   Lyn R. Frumkin

Pharmacology for the Treatment of Premature Ejaculation
   François Giuliano and Pierre Clément

G-Protein-Coupled Receptors in Adult Neurogenesis
   Van A. Doze and Dianne M. Perez

Classification, Functions, and Clinical Relevance of Extracellular Vesicles
   Edwin van der Pol, Anita N. Boëng, Paul Harrison, Auguste Stark, and Rienk Nieuwland

Cisplatin Resistance: A Cellular Self-Defense Mechanism Resulting from Multiple Epigenetic and Genetic Changes
   Ding-Wu Shen, Lynn M. Pouliot, Matthew D. Hall, and Michael M. Gottesman

Human Experimental Pain Models for Assessing the Therapeutic Efficacy of Analgesic Drugs
   Anne Estrup Olesen, Trine Andresen, Camilla Staahl, and Asbjørn Mohr Drewes

Thinking Outside the Cleft to Understand Synaptic Activity: Contribution of the Cystine-Glutamate Antiporter (System Xc–) to Normal and Pathological Glutamatergic Signaling
   Richard Bridges, Victoria Latgen, Doug Lobner, and David A. Baker

The Dual Role of Pharmacogenetics in HIV Treatment: Mutations and Polymorphisms Regulating Antiretroviral Drug Resistance and Disposition
   Veronique Michaud, Tamara Bar-Magen, Jacques Turgeon, David Flockhart, Zeruesenay Desta, and Mark A. Wainberg

About the cover: Types of therapeutic payloads that can be encapsulated into polymeric nanoparticles. See the article by Morachis et al. on page 505 of this issue.