Review Articles

Modulating Dopamine Signaling and Behavior with Chemogenetics: Concepts, Progress, and Challenges
    Annika Højrup Runegaard, Ciarán Martin Fitzpatrick, David Paul Drucker Woldbye, Jesper Tobias
    Andreasen, Andreas Toft Sørensen, and Ulrik Gether

Target Site Delivery and Residence of Nanomedicines: Application of Quantitative Systems Pharmacology
    Jessie L.-S. Au, Roberto A. Abbiati, M. Guillaume Wientjes, and Ze Lu

A Practical Review of Proteasome Pharmacology
    Tiffany A. Thibaudeau and David M. Smith

Gut Reactions: Breaking Down Xenobiotic–Microbiome Interactions
    Gerard Clarke, Kiran V. Sandhu, Brendan T. Griffin, Timothy G. Dinan, John F. Cryan,
    and Niall P. Hyland

Core Outcome Measures in Preclinical Assessment of Candidate Analgesics
    S. Stevens Negus

Biased Receptor Signaling in Drug Discovery
    Terry Kenakin

About the cover: Stress and the gut microbiome. See the article by Clarke et al. (dx.doi.org/10.1124/ pr.118.015768)