Review Articles

- The Emerging Role of the Innate Immune Response in Idiosyncratic Drug Reactions
  Samantha Christine Sernoskie, Alison Jee, and Jack Paul Uetrecht

- Unlocking G-Quadruplexes as Antiviral Targets
  Ardavan Abiri, Marc Lavigne, Masoud Rezaei, Sanaz Nikzad, Peyman Zare, Jean-Louis Mergny, and Hamid-Reza Rahimi

- Endothelial Dysfunction in Atherosclerotic Cardiovascular Diseases and Beyond: From Mechanism to Pharmacotherapies
  Suowen Xu, Iqra Ilyas, Peter J. Little, Hong Li, Danielle Kamato, Xueying Zheng, Sihui Luo, Zhuoming Li, Peiqing Liu, Jihong Han, Ian C. Harding, Eno E. Ebong, Scott J. Cameron, Alastair G. Stewart, and Jianping Weng

- Pharmacological Inhibition of the Nod-Like Receptor Family Pyrin Domain Containing 3 Inflammasome
  with MCC950
  Sarah E. Corcoran, Reena Halai, and Matthew A. Cooper

- New Aspects of Diabetes Research and Therapeutic Development
  Leslie S. Satin, Scott A. Soleimanpour, and Emily M. Walker

- The Molecular Biology of Phosphodiesterase 4 Enzymes as Pharmacological Targets: An Interplay of Isoforms, Conformational States, and Inhibitors
  Dean Paes, Melissa Schepers, Ben Rombaut, Daniel van den Hove, Tim Vanmierlo, and Jos Prickaerts

- Animal Models of Drug Relapse and Craving after Voluntary Abstinence: A Review
  Ida Fredriksson, Marco Venniro, David J. Reiner, Jonathan J. Chow, Jennifer M. Bossert, and Yavindu Shalham

- Aiding and Abetting Anhedonia: Impact of Inflammation on the Brain and Pharmacological Implications
  Michael J. Lucido, Mandy Bekbhat, David R. Goldsmith, Michael T. Treadway, Elbrahim Haroon, Jennifer C. Felger, and Andrew H. Miller

- Therapeutic Targeting of α7 Nicotinic Acetylcholine Receptors
  Roger L. Papke, and Nicole A. Horenstein

- Aldo-Keto Reductases and Cancer Drug Resistance
  Trevor M. Penning, Sravan Jonnalagadda, Paul C. Trippier, and Tea Lanišnik Ržner

About the cover: Four main potential applications of G4s in antiviral research. See the article by Abiri et al. (dx.doi.org/10.1124/pharmrev.120.000230).