Review Articles

Kidney Angiotensin in Cardiovascular Disease: Formation and Drug Targeting
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Jia L. Zhuo, Xiao C. Li, Nirupama Ramkumar, Masahiro Koizumi, Taiji Matsusaka, Akira Nishiyama,
Martin J. Hoogduijn, Ewout J. Hoorn, and A.H. Jan Danser

Acylcarnitines: Nomenclature, Biomarkers, Therapeutic Potential, Drug Targets, and Clinical Trials
Maija Dambrova, Marina Makrecka-Kuka, Janis Kuka, Reitis Vilskersts, Didi Nordberg, Misty M. Attwood,
Stefan Smesny, Zuminr Duygu Sen, An Chi Guo, Eponine Oler, Siyang Tian, Jiamin Zheng,
David S. Wishart, Edgars Liepinsh, and Helgi B. Schiöth

The Nitrogen Mustards
Martin S. Highley, Bart Landuyt, Hans Prenen, Peter G. Harper, and Ernst A. De Bruijn

Cathepsin B Gene Knockout Improves Behavioral Deficits and Reduces Pathology in Models of Neurologic Disorders
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Allosteric Modulators of Metabotropic Glutamate Receptors as Novel Therapeutics for Neuropsychiatric Disease
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Mass Spectrometry Approaches Empowering Neuropeptide Discovery and Therapeutics
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New Technologies Bloom Together for Bettering Cancer Drug Conjugates
Yiming Jin, Shahab Edalatian Zakeri, Raman Bahal, and Andrew J. Wiemer

Matrix Metalloproteinases: From Molecular Mechanisms to Physiology, Pathophysiology, and Pharmacology
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Laurent Devel, and Antoine Dufour

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ATP and Adenosine Metabolism in Cancer: Exploitation for Therapeutic Gain
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Carbon Monoxide Signaling: Examining Its Engagement with Various Molecular Targets in the Context of Binding Affinity, Concentration, and Biologic Response
Zhengnan Yuan, Ladie Kimberly De La Crue, Xiaoxiao Yang, and Binghe Wang

Supplemental material is available online at http://pharmrev.aspetjournals.org.

About the cover: Novel Signaling Mechanisms of Mitochondrial Angiotensin II in The Proximal Tubule. See the article by Lin et al. (dx.doi.org/10.1124/pharmrev.120.000236).