



an Open Access Journal by MDPI

Vasodilators: New Insights

Guest Editor:

Dr. Olga Pechánová

Institute of Normal and
Pathological Physiology, Centre
of Experimental Medicine, Slovak
Academy of Sciences, Bratislava,
Slovakia

Deadline for manuscript
submissions:

closed (31 December 2022)

Message from the Guest Editor

Dear Colleagues,

Vasodilators have been known for 120 years and yet our knowledge of them is still insufficient for successfully treating cardiovascular diseases, hypertension, angina pectoris, metabolic syndrome and other diseases requiring improved vasodilation. We invite you to publish your latest results on the molecular nature, mechanisms, modifiability, effects and therapeutic possibilities of endogenous vasodilators, as well as the drugs that belong to them. Our Special Issue is mainly devoted to original knowledge in the field of c-AMP-, c-GMP- and hyperpolarization-mediated vasodilation, and PDE5 inhibitors and potassium channel openers, to central vasomotor control mechanisms, cold-induced vasodilation and other mechanisms of vasodilation. We further focus on modifiers of vasodilatory mechanisms, such as polyphenolic substances and many antioxidants; the targeted delivery of vasodilators, e.g., through nanoparticles; potential new vasodilators; and new perspectives on treatment options. Original articles, experimental results, clinical studies and more-extensive reviews will be published. We look forward to your contributions and cooperation.

Guest Editor



mdpi.com/si/65992

Special Issue