Special Issue

Alcohol Consumption as a Cardiovascular Risk Factor: Focusing on Molecular Mechanisms

Message from the Guest Editors

Clear delineation of the pathological relevance of habitual alcohol drinking and the establishment of preventive measures to minimize the drinking-associated cardiovascular risk in our societies appear overdue. Such progress inevitably requires a comprehensive understanding of the molecular mechanisms underlying the effects of ethanol on the cardiovascular system. Remarkable conceptual advances have recently been made regarding the molecular interactions between ethanol as well as its major metabolites and cellular signal transduction processes. Moreover, critical target structures for ethanol and its metabolites have been identified throughout the cardiovascular system. This Special Issue of *Biomolecules* shall serve as a platform to present and discuss new concepts in ethanol pharmacology/toxicology, providing an outlook towards the rational design of effective strategies to minimize deleterious consequences of alcohol consumption in general and specifically with respect to cardiovascular health in our societies.

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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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