Special Issue

Aldehyde Toxicity and Metabolism

Message from the Guest Editors

This issue will be accepting original articles, brief reports, and reviews on aldehyde toxicity and aldehyde metabolism. Aldehydes are toxic chemicals that form DNA and protein adducts. Within the environment, aldehyde sources include cigarettes, alcohol, and air pollution. Endogenous sources of aldehydes also result from cellular stress. To combat aldehyde toxicity, aldehyde metabolism occurs by the enzyme aldehyde dehydrogenase 2 (ALDH2) to less toxic acids. Those with an ALDH2*2 genetic variant, affecting more than 560 million people in the world, are more susceptible to aldehyde toxicity. Therefore, it is important to study aldehyde production and metabolism in relation to basic biological mechanisms and human health.

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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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