

Special Issue

Alcohol and Inflammation

Message from the Guest Editors

Excessive ethanol consumption may cause widespread organ dysfunction, leading to a constellation of severe diseases (e.g., pancreas and/or liver function impairment, various types of cancer, cardiovascular diseases, or nutritional disorders), that markedly shorten lifespan. An important mechanism underlying health derangement in excessive drinkers includes an enhanced inflammatory response, mainly triggered by ethanol/acetaldehyde-mediated bacterial overload in portal blood, and by the increased oxidative damage provoked by ethanol metabolism and acetaldehyde adducts. However, our knowledge regarding the proinflammatory effects of alcoholism is still incomplete, and that regarding the therapeutic role of antioxidants or cytokine-blocking agents is disappointing. Therefore, research is still needed in this field. This Special Issue aims to provide a platform for molecular mechanistic research on alcohol-induced inflammation, with a special focus on potential treatments and novel pathogenic pathways involved in inflammatory disease. We warmly welcome your submissions of original papers and reviews based on results from molecular viewpoints.

Guest Editors

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Deadline for manuscript submissions

closed (20 July 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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