

Special Issue

Molecular Mechanisms of Damage and Regeneration in Disorders Associated with Abdominal Organs

Message from the Guest Editor

Damage and regeneration in abdominal organs produced as a consequence of tissue hypoxia/reoxygenation or ischemia/reperfusion between other pathological stimulus are part of a common response in which molecular signals and inflammatory cells have been recognized as critical stimulus to mediate injury and repair. Tissue microenvironment, cytokines, leucocytes, and particularly macrophages are involved in both injury and repair mechanisms. Cell secreted factors and cell function are modified as a function of the microenvironment and can act in the aggravation of injury and/or in the repair mechanisms. The molecules, target cells, and regulatory mechanisms associated with ischemia or inflammatory signalling are emerging as promising therapeutic targets, able to promote organ repair and restore normal function. In this Special Issue, expertise and original studies on all aspects of inflammation, inflammatory cells, cell therapy, and the molecular mechanisms involved in cell response to ischemia or inflammation in abdominal organs are welcomed.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2022)



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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