

Special Issue

Kidney Inflammation, Injury and Regeneration 2020

Message from the Guest Editors

This Special Issue will include papers investigating the pathological mechanisms of renal inflammation and AKI, and diagnostics using new biomarkers. Furthermore, experimental in vitro and in vivo studies and clinical studies examining potential new approaches to attenuate kidney dysfunction are welcome. This Special Issue welcomes original research and review papers. Potential topics include, but are not limited to, the following:

- Molecular mechanisms of kidney inflammation and epithelial cell injury;
- Acute kidney injury (AKI)—Pathological mechanisms and new biomarkers;
- Kidney inflammation and injury: Transcriptomics and proteomics;
- In vitro models simulating tubular inflammation, injury, and regeneration;
- In vivo AKI models;
- Investigations to preserve renal function using stem cells or their derivatives.

Guest Editors

Prof. Dr. Patrick C. Baer

Dr. Benjamin Koch

Prof. Dr. Helmut Geiger

Deadline for manuscript submissions

closed (31 December 2020)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 8.1
Indexed in PubMed



mdpi.com/si/39211

*International Journal of
Molecular Sciences*
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

mdpi.com/journal/

[ijms](https://www.mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 8.1
Indexed in PubMed



[mdpi.com/journal/](https://mdpi.com/journal/ijms)

ijms



About the Journal

Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore
- Q1 (Inorganic Chemistry)