



The Ubiquitination Machinery: Its Versatile Role in Normal and Disease-Related Cellular Processes

Guest Editors:

Dr. Peter Deak

Department of Genetics, Faculty
of Science and Informatics,
University of Szeged, Szeged,
Hungary

Dr. Yuu Yuu Kimata

School of Life Science and
Technology, ShanghaiTech
University, Shanghai, China

Dr. Levente Kovács

Division of Biology and Biological
Engineering, California Institute
of Technology, Pasadena, CA
91125, USA

Deadline for manuscript
submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

Several decades of research pinned down many components, substrates, and regulatory pathways of the highly complex ubiquitination machinery. Various disruptions of this system are implicated in the genesis of many human diseases, such as neurodegeneration, inflammation, or cancer. Therefore, a better understanding of the ubiquitination system is crucial for developing therapeutic or preventative measures against these diseases.

In this Special Issue of the International Journal of Molecular Sciences, we would like to invite contributions addressing the functional analysis of ubiquitination machinery components or identifying new substrates or regulatory circuits, with an emphasis on pathological implications or therapeutic prospects. Submissions can either be original research papers or reviews. Your contributions will be highly appreciated.





an Open Access Journal by MDPI

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

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.

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 & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI