



Biological Liquid-Liquid Phase Separation, Biomolecular Condensates, and Membraneless Organelles

Guest Editor:

Prof. Dr. Vladimir N. Uversky

Department of Molecular
Medicine, USF Health Byrd
Alzheimer's Research Institute,
Morsani College of Medicine,
University of South Florida, 12901
Bruce B. Downs Blvd, MDC07,
Tampa, FL 33612, USA

Deadline for manuscript
submissions:

closed (28 February 2023)

Message from the Guest Editor

Dear Colleagues,

Currently, there is immense interest among the scientific community in intracellular liquid–liquid phase separation (LLPS) and resulting biomolecular condensates (BMCs) and membrane-less organelles (MLOs). Obviously, such BMCs and MLOs, which do not have enclosing membranes, are mysterious subjects, whose components can directly contact, and exchange with, the exterior environment and whose biogenesis and structural integrity rely exclusively on protein–protein and/or protein–nucleic acid interactions.

This Special Issue includes research papers and reviews dedicated to the different aspects of LLPS, BMCs, and MLOs.





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