



Galectins in Cancer and Translational Research 2.0

Guest Editor:

Prof. Dr. Armando Bartolazzi

Laboratory of Surgical and
Experimental Pathology, St
Andrea University Hospital,
Rome, Italy

Deadline for manuscript
submissions:

closed (30 June 2020)

Message from the Guest Editor

Galectins (S-type lectins) are an evolutionarily conserved family of endogenous lectins that bind carbohydrates with high specificity. These molecules are found both intracellularly and in the extracellular milieu and are functionally active in converting glycan-containing information into cell biological programs. As reported in the first Special Issue of IJMS, the galectin signature of human cells likely plays a key role in regulating biological processes that are critical for cell physiology as well as for tumour growth and progression. Furthermore, the interaction of specific galectins with sugar residues on lymphoid cells and cytokines is able to modulate the immune-response. Specific galectins have been detected in different cancer types and represent potential target molecules to be considered for improving cancer diagnosis and for exploring new therapeutic strategies. For this reason, we are launching this new Special Issue titled: Galectins in Cancer and Translational Medicine 2.0 just in time to collect in advance original preclinical and clinical studies that represent the frontier research in tumor therapy, immunology and translational medicine.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. José L. Quiles

Department of Physiology,
Institute of Nutrition and Food
Technology “Jose Mataix”,
Biomedical Research Center,
University of Granada, Avda.
Conocimiento s/n, 18100 Armilla,
Granada, Spain

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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 and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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