

## Special Issue

# Galectins in Cancer and Translational Research 2.0

### 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.

### Guest Editor

Prof. Dr. Armando Bartolazzi

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### Deadline for manuscript submissions

closed (30 June 2020)



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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*International Journal of  
Molecular Sciences*  
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### 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.

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### Editor-in-Chief

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