



Advances in Galectins

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Message from the Guest Editors

This Special Issue aims to bring together cutting-edge research on recent advances in galectin biology. We invite authors to contribute original research articles, reviews, and perspectives on the multifaceted aspects of galectin research.

Potential topics in the Special Issue include, but are not limited to, the following:

1. Galectin structure and function.
2. Galectin-mediated cellular signaling networks.
3. Immunomodulatory roles of galectins.
4. Galectins in cancer biology and therapy.
5. Galectins and their involvement in inflammatory processes.
6. Neurobiology and galectins.
7. Galectins as regulators and mediators of metabolic signaling.
8. Galectins in development, tissue regeneration, and repair.
9. Galectin–microbe interactions.
10. Galectins in autoimmune diseases.
11. Epigenetic regulation of galectins.
12. Diagnostic and prognostic potential of galectins as biomarkers.
13. Multidisciplinary approaches that combine galectin biology with other fields such as bioinformatics, genomics, and proteomics.
14. Evolutionary perspectives on galectins.
15. Galectin-based interventions in clinical research.





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Message from the Editorial Board

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