



Galectins: Structure, Function and Therapeutic Inhibitors

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Message from the Guest Editors

Dear Colleagues,

Galectins, β -galactoside-binding proteins, have been shown to participate in diverse and relevant biological functions via their interactions with β -galactoside-containing structures on the cell surface. More importantly, human galectins act as regulatory factors in many types of pathologies by either inhibiting or promoting them. Therefore, to identify selective ligands for human galectins provides not only a useful tool for dissecting how each galectin member interacts with specific glycan structures, but also a possible solution for the development of clinical therapeutics. In this regard, this Special Issue focuses on the characterization of different members belonging to this family, studying not only the interaction with newly selected inhibitors by different biophysical techniques, but also characterizing their potential biological activity. All researchers working in the field are cordially invited to contribute original research articles or reviews to this Special Issue.





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Message from the Editor-in-Chief

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