



Glycan–Receptor Interaction 3.0

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Deadline for manuscript submissions:

closed (31 October 2022)

Message from the Guest Editor

Cell surface carbohydrates attached to proteins and lipids are major components of the outer surface of mammalian cells. Changes to the surface glycosylation are important means of cell–cell interaction in fertilization, development, differentiation, growth, aging, adhesion, signal transduction, neurotransduction, immune systems, carcinogenesis, metastasis, and angiogenesis. In tumors, the glycosylated antigens can be used as tumor markers for human cancer patients, especially for node-negative patients.

We invite researchers to contribute original and review articles regarding the interactions between glycans and proteins. Potential topics include, but are not limited to:

- Glycosylation of *N*-/*O*-glycoproteins;
- Sialylation of glycoproteins and glycolipids;
- Lectin–glycan interaction;
- Sialyltransferases;
- Glycosylation in malignancy and cancers;
- Xenoantigenic glycosylation in non-human mammals;
- Sphingolipids in membranes;
- ...





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Message from the Editor-in-Chief

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