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Glycan-Based Scaffolds in Pharmaceutical Applications

Guest Editors:

Dr. Antonio Franconetti

Dr. June Ereño-Orbea

Dr. Helena Coelho

Deadline for manuscript submissions:
closed (10 March 2023)

Message from the Guest Editors

Dear Colleagues,

Glycans are essential molecules in our everyday life. The vast diversity of their chemical structures, locations and biological functions makes them a topic of continuous interest and development. These glycans are involved in cell–cell and cell–pathogen interactions, stimulating the immune response or cell signaling in cancer. Targeting their receptors, gathered as sugar-binding proteins, may provide new insights for the design of glycan-based therapeutics.

This Special Issue will bridge the gap between molecular features of glycoconjugates and their therapeutic functions. Original research articles, reviews, and emerging ideas are welcome which demonstrate how the current knowledge of molecular recognition (experimental and in silico perspectives) enables efficient delivery and drug design, thus affording tunable pharmaceutical applications.

Dr. Antonio Franconetti
Dr. June Ereño-Orbea
Dr. Helena Coelho
Guest Editors

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Message from the Editor-in-Chief

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