

Special Issue

Advanced Glycoproteomics Research

Message from the Guest Editor

Glycosylation, a modification that occurs on amino acids, is a highly prevalent post-translational modification in cells. Glycosylation plays important biological functions, particularly in glycoproteins on the cell membrane, such as the immunoglobulin superfamily and integrin receptors, which are responsible for cell signaling and communication. Mass spectrometry is a high-throughput technique that can be used to identify glycoproteins and can even achieve site-specific glycan structures. Characterizing glycoproteins in biological samples using high-throughput approaches, including subsequent biochemical validation, is a cutting-edge direction for deciphering the biological functions of site-specific glycosylation.

Guest Editor

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