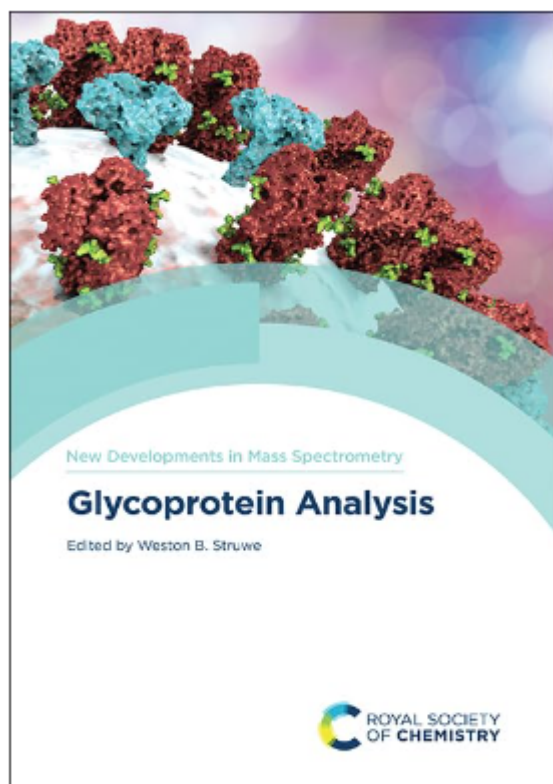


## Glycoprotein Analysis

### Description

## New Developments in Mass Spectrometry.



**Overview of Glycosylation Studies of SARS-CoV-2** 1 *Lauren E. Pepi, Asif Shajahan, Anne S. Gleinich, Christian Heiss and Parastoo Azadi*

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**Cracking the Glycome with the Sweet Tooth of Nature: Overview and Outlook of Lectin Microarray Technology** *Rui Qin and Lara K. Mahal*

**O-Glycoproteomics: Methods, Challenges, and New Opportunities** *Nicholas M. Riley and Stacy A. Malaker*

**Use of Ion Mobility for the Structural Identification of Glycans** *David J. Harvey*

**Advanced Activation Techniques for the Determination of Glycan Structures Using Tandem Mass Spectrometry** *C. Lin and C. E. Costello*

**Native Mass Spectrometry of Glycoproteins** *Di Wu and Weston Struwe*

**O-GalNAc Glycomics by LC–MS/MS** *Kay-Hooi Khoo*

**Application of HDX–MS for the Structural Characterization of Glycoproteins** *Miklos Guttm*

**Reconstructing Glycosylation: How to Rebuild Glycoproteins by Molecular Dynamics-generated 3D Libraries** *Carl A. Fogarty, Callum M Ives, Ojas Singh and Elisa Fadda*

**High-resolution Imaging of Glycans by Scanning Tunnelling Microscopy Enabled by Electro spray Ion Beam Deposition (ESIBD)** *Stephan Rauschenbach, Marko Grabarics, Martina Delbianco, Juan Cortes, Christian Schön, Nathalie Tarrat, Xu Wu and Kelvin Anggara*

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