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GPI Membrane Anchors-The Much Needed Link

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About the ebook

This Ebook reviews basic understandings and give current opinions about several important aspects of glycosylphosphatidylinositol-anchored (GPI) protein biology from leading experts in membrane biochemistry. The book covers micro-domain localization and signaling to proteomics aspects, biophysical behavior through trans-cellular mobility and much more.

Contents

- ▶ GPI-Anchored Proteins and Their Cellular Surroundings: Signalling, Function and Medical Implications of Membrane Microdomains
- ▶ Trans-Cellular Mobility of GPI-Anchored Proteins
- ▶ GPI-Anchored Proteins: Biophysical Behaviour and Cleavage by Pi-Specific Phospholipases
- ▶ Proteomic Approaches for GPI-Anchored Protein Analysis
- ▶ Chemical Synthesis, Modification and Mimicry of the GPI Anchor
- ▶ Surface Engineering of Biomembranes with GPI-Anchored Proteins and its Applications

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