Creative Proteomics is a professional CRO company that specializes in a full range of services to support various proteome-related researches from identification of single proteins to large-scale proteomic studies. With the most advanced technology platforms and experienced staffs, we can provide proteomics services, metabolomics services, bioinformatics services, *etc.*

August Theme: Glycomics

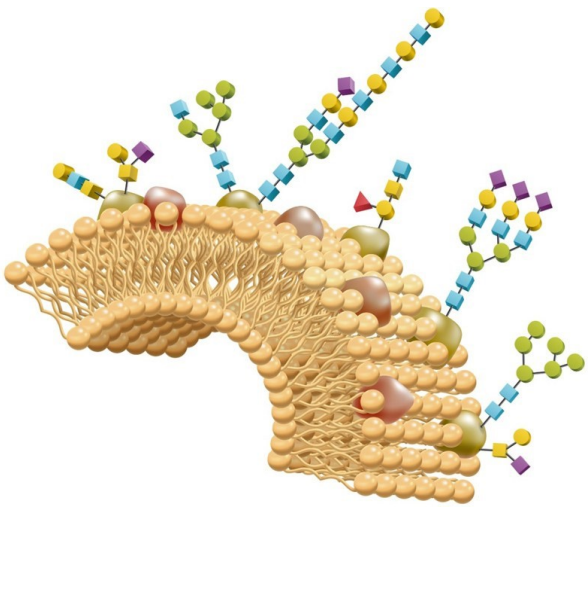
Glycomics refers to the studies that profile the glycome, which is a broad and emerging scientific discipline focused on defining the structures and functional roles of glycans in biological systems. As we know, glycans participate in almost every biological process from intracellular signaling to organ development. Recent technological advances have significantly lowered the barrier of glycomics analysis. And various high-resolution and highly sensitive methods are available, such as microarrays, high performance liquid chromatography (HPLC), and capillary electrophoresis (CE).

Upcoming Events

Name	Date	Country	City
Structure and Mechanisms of Membrane Proteins	2018/8/2-2018/8/3	U.K.	Birmingham
Structural Biology Conference 2018	2018/8/6-2018/8/7	U.A.E	Dubai
The 10th Annual Bioprocessing Summit	2018/8/13-2018/8/17	U.S.	Boston
The 35th European Peptide Symposium	2018/8/26-2018/8/31	Ireland	Dublin

Popular Services

With years of experience, Creative Proteomics manages advanced technologies (like mass spectrometry, liquid chromatography, and microarray) to offer a wide range of services.



- N-Glycan Profiling
- O-Glycan Profiling
- N-Glycosylation Site Occupation Analysis
- O-Glycosylation Site Occupation Analysis
- N-Glycan Linkage Analysis
- O-Glycan Linkage Analysis
- Structural Characterization of Glycans
- Glycopeptides Analysis
- Glycans-related Microarray Assay
- Poysaccharide Analysis
- Peptidoglycan Structure Analysis

Video

Glycan Microarrays

Glycan microarrays first described in 2002 provide a high-throughput means of profiling the interactions of glycan-binding proteins with their ligands. This method can be used to identify specific binding of glycans by lectins…

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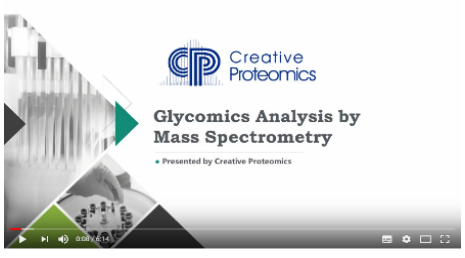

Glycomics Analysis by Mass Spectrometry

Mass spectrometry (MS) plays an important role in glycomics analysis. General glycomics strategies by MS often involve the sample preparation, glycan release, derivatization of glycans…

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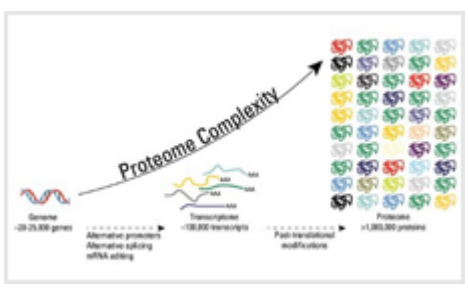
Blog



Brief Introduction of Post-translational Modifications (PTMs)

Protein PTMs can further facilitate the complexity from the level of the genome to the proteome. PTMs are chemical alterations to protein structures, typically catalyzed by exceedingly substrate-specific enzymes…

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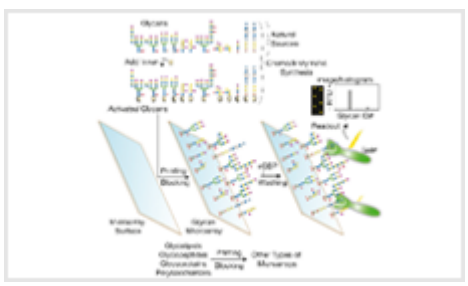

Brief Introduction of Glycan Microarrays

In glycan microarrays, glycans derivatized with functional groups can be covalently or non-covalently attached to solid surfaces. The glycan microarray can be interrogated with glycan-binding proteins (GBPs) or other…

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