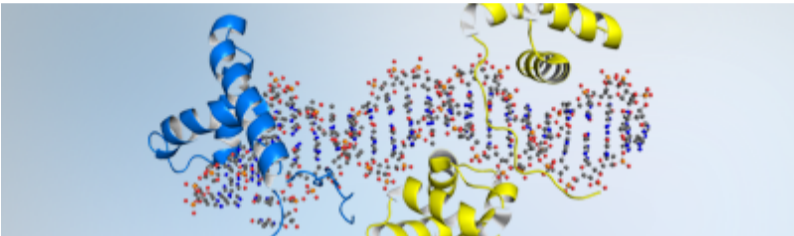


# Trending Newsletter in September



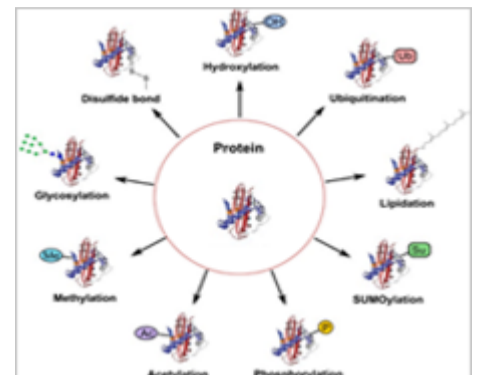
Creative Proteomics is a professional CRO company that specializes in a full range of services to support various proteome-related researches from identification of single proteins to large-scale proteomic studies. With the most advanced technology platforms and experienced staffs, we can provide proteomics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

## September Theme: Protein Post-translational Modifications (PTMs)



As we know, the total number of proteins is expected to be much larger than genes', which results from a single gene encoding multiple proteins and alternative splicing mRNA editing. And PTMs further facilitate the complexity from the level of the genome to the proteome. Due to various types of PTMs, there is a rich diversity of gene products. PTMs play important roles in cellular functions, including cell signaling, cell structure, DNA modification, *etc.*

## Popular Services



Analyzing protein PTMs, including modification categories and modified sites, is important for the studies of cell biology and disease research. At Creative Proteomics, we manage advanced types of equipment to provide PTM services in a reliable and affordable manner.

- Phosphorylation analysis
- Glycosylation analysis
- Methylation analysis
- Acetylation analysis
- Ubiquitination analysis
- Nitrosylation analysis
- Di-Sulfide bond localization

## Upcoming Events

| Name   | Date             | Location           |
|--|------------------|--------------------|
| CE in the Biotechnology & Pharmaceutical Industries                    | Sep. 9-12, 2018  | San Francisco, USA |
| 7 <sup>th</sup> European Workshop on Lipid Mediators (7EWLM)           | Sep. 12-14, 2018 | Brussels, Belgium  |
| 4 <sup>th</sup> Glycobiology World Congress                            | Sep. 17-19, 2018 | Rome, Italy        |
| 7 <sup>th</sup> Global Congress on Mass Spectrometry and Chromatograph | Sep. 19-20, 2018 | Singapore          |

## Videos



### Brief Introduction of Post-translational Modifications (PTMs)

Post-translational modifications of proteins are chemical alterations to protein structure, typically catalyzed by exceedingly substrate-specific enzymes. There are many different types of PTMs...

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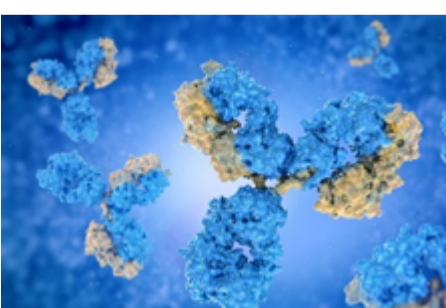


### Introduction of Protein Acetylation

Protein acetylation means the addition of an acetyl functional group into proteins, which commonly has two different forms, including N-terminal acetylation and lysine acetylation...

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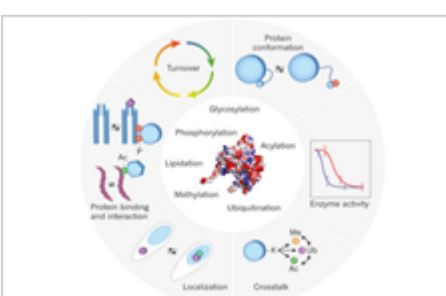
## Blogs



### Ultra-high Resolution QTOF Combined with GlycoFiler to Escort Glycoprotein Drug Development

Glycosylation can affect the safety and efficacy of glycoprotein drugs and regulatory agencies have strict requirements for glycosylation analysis. Therefore, characterizations of glycation are essential...

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### Strategies for Post-translational Modifications (PTMs)

Mass spectrometry (MS) is the suitable method for the analysis of protein modifications. The strategies of bottom-up, top-down, and middle-down can be used for PTM identifications...

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