

## Special Issue

# Protein Modification: New Insights

### Message from the Guest Editor

Over the years, the field of protein modification research has experienced significant advancements, particularly in understanding side chain modifications in intracellular proteins. Researchers have identified various new types of modifications that involve the transfer of metabolic intermediates—substances that can accumulate in different diseases—to proteins, thereby altering their activities and functions. Additionally, backbone modifications—whether occurring inside or outside cells—are crucial, as they can induce drastic and often irreversible structural changes with profound physiological or pathological effects. The focus on these modifications has led to an increased importance of analytical techniques, such as mass spectrometry, which are essential for accurately identifying and characterizing these changes. As this area of research continues to evolve rapidly, there is strong encouragement for the submission of new findings that contribute to our understanding of protein modifications and their implications for health and disease.

### Guest Editor

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### Deadline for manuscript submissions

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### Message from the Editor-in-Chief

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