



Chromatin Proteomes

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Message from the Guest Editors

Dear Colleagues,

Chromatin is a nucleoprotein complex composed of a large diversity of proteins that dynamically interact with DNA to control its compaction and to regulate gene expression. This includes histones that can be modified in multiple ways to adjust DNA folding and to regulate association with transcription factors and epigenetic factors, and extends to the transcriptional machinery itself. In addition, chromatin integrates many upstream cellular signaling pathways, to convert this into a transcriptional response. Collectively, chromatin factors are key determinants of many cellular processes.

For this Special Issue of *Proteomes*, we invite manuscript submissions that shed light on proteomic aspects of chromatin in the widest sense. This may include (but is not restricted to) analysis of post-translational modifications, characterization of protein interactions (with DNA, RNA, or with other proteins) in a chromatin context, or deciphering the role of chromatin proteins in any aspect of cellular signaling.

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