

Special Issue

Positioning of Nucleosomes 2.0

Message from the Guest Editor

Dear colleagues,

Nucleosomes consisting of core histone proteins with about 150 bp DNA wrapped around are the building blocks of chromatin. Their relative positioning along the DNA is thought to have strong impact on transcription factor binding and DNA templated processes.

Furthermore, the ensemble configuration characterised by the spacing of consecutive nucleosomes influences the steric organisation of the chromatin fibre. There is great interest in elucidating the principles that both fix nucleosomes at specific sites and relocate them for regulating genome activity.

This Special Issue, “Nucleosome positioning”, will cover a selection of recent research topics and current review articles in the field of chromatin biology with a specific focus on the rules and processes that define the positions of nucleosomes as well as their functional implications.

Guest Editor

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Deadline for manuscript submissions

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