

Special Issue

Positioning of Nucleosomes

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

Dr. Tobias Straub

Biomedical Center - Bioinformatics, Ludwig-Maximilians-Universität München, Munich, Germany

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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