



an Open Access Journal by MDPI

Protein Machines Acting on DNA: Structure, Dynamics and Functional Mechanisms

Guest Editor:

Dr. Carlos Penedo

University of St Andrews, United Kingdom Laboratory for Biophysics and Biomolecular Dynamics Centre of Biophotonics, School of Physics and Astronomy, KY16 9SS Biomolecular Sciences Research Complex (BSRC), School of Biology, KY16 9ST

Deadline for manuscript submissions:

closed (31 March 2021)

Message from the Guest Editor

The interaction between individual proteins and multi-protein complexes with DNA sequences is crucial for cell survival across all domains of life. These interactions are involved in a range of processes including DNA condensation, transcription, replication and repair and have received considerable attention due to their biological relevance. Articles in this special issue should focus on structural aspects and/or kinetic insights regarding the functional mechanisms of protein-DNA interactions. Papers providing molecular-level information or techniques enabling this would be of special interest.



mdpi.com/si/51792

Special Issue



an Open Access Journal by MDPI

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI