



DNA Methylation Dynamics in Health and Disease

Collection Editors:

Prof. Dr. Lorenzo Chiariotti

Department of Molecular
Medicine and Medical
Biotechnology, School of
Medicine, University of Naples
"Federico II", 80131 Naples, Italy

Dr. Mariella Cuomo

Dipartimento di Medicina
Molecolare e Biotecnologie
Mediche, Università di Napoli
"Federico II", via S. Pansini, 5,
80131 Naples, Italy

Message from the Collection Editors

Dear Colleagues,

This Special Issue will focus on the dynamics of DNA methylation in biological processes, such as imprinting, X-inactivation, and DNA methylation changes during development and stem cell differentiation. It will also discuss the correlation between gene-specific and genome-wide DNA methylation changes in diseases such as cancer, genetic diseases, and neuropsychiatric diseases. Finally, it will give attention to the genomic distribution of DNA methylation at high resolution in various organisms, cell types, and diseases.

Note that we will provide discount for early bird submissions to this Special Issue, and after that, the normal APC applies per accepted paper:

* Early Bird: before 31 August 2020: 20%

** Early Bird: before 31 October 2020: 10%





an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Peter E. Nielsen

Department of Cellular and
Molecular Medicine, Faculty of
Health and Medical Sciences,
University of Copenhagen,
Blegdamsvej 3C, DK-2200
Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer
Science, Virginia Commonwealth
University, Richmond, VA 23284,
USA

Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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, MEDLINE, PMC, Embase, CAPlus / SciFinder, and other databases.

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

Contact Us

Biomolecules Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/biomolecules
biomolecules@mdpi.com
X@Biomol_MDPI