# **Topical Collection**

# **DNA Methylation Dynamics in Health and Disease**

## Message from the Collection Editors

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%

#### 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



# **Biomolecules**

an Open Access Journal by MDPI

Impact Factor 4.8 CiteScore 9.2 Indexed in PubMed



mdpi.com/si/46758

Biomolecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomolecules@mdpi.com

mdpi.com/journal/biomolecules





# **Biomolecules**

an Open Access Journal by MDPI

Impact Factor 4.8 CiteScore 9.2 Indexed in PubMed



# **About the Journal**

## 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.

#### **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

#### **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)

