



## Biomolecules for Translational Approaches in Cardiology

Guest Editors:

**Dr. Mahir Karakas**

Clinic for General and  
Interventional Cardiology,  
University Heart Center  
Hamburg, University Medical  
Center Hamburg-Eppendorf,  
20251 Hamburg, Germany

**Prof. Dr. Tanja Zeller**

Univarsity Heart & Vascular  
Center Hamburg, Hamburg,  
Germany

Deadline for manuscript  
submissions:

**closed (28 February 2019)**

### Message from the Guest Editors

Over the last few years, biomarker research has improved our knowledge about the pathomechanisms and risk assessment in the cardiovascular field. Increasing our understanding of the multifactorial, complex underpinnings of cardiovascular diseases promises to have a global impact on the promotion of health. Valuable insights have already been acquired from several genomic and genetic studies and novel molecular biomarkers have been associated with cardiovascular risk. Translational approaches into a full understanding of the underlying mechanisms of biomarkers and into their clinical relevance are currently ongoing. The systematic integration of multidimensional biomarker datasets, such as genomics, transcriptomics and proteomics evolves as the next challenge, including molecular findings of interactions between biomolecules as well as

Dr. Mahir Karakas  
Prof. Dr. Tanja Zeller  
*Guest Editors*





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 & Molecular Biology*) / CiteScore - Q1 (*Biochemistry*)

## Contact Us

*Biomolecules* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/biomolecules](http://mdpi.com/journal/biomolecules)  
[biomolecules@mdpi.com](mailto:biomolecules@mdpi.com)  
[X@Biomol\\_MDPI](https://twitter.com/Biomol_MDPI)