



Advances in RNA as Diagnostic Biomarkers

Guest Editors:

Dr. Riccardo Panella

Center for RNA Medicine,
Department of Clinical Medicine,
Aalborg University, DK-2450
Copenhagen, Denmark

Prof. Dr. Shizuka Uchida

Center for RNA Medicine,
Department of Clinical Medicine,
Aalborg University, DK-2450
Copenhagen, Denmark

Dr. Mirolyuba Ilieva

Center for RNA Medicine,
Department of Clinical Medicine,
Aalborg University, DK-2450
Copenhagen, Denmark

Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editors

Dear Colleagues,

It is now clear that most of the mammalian genome is transcribed as RNAs. Whether all of these RNAs are functional or not, their expression profiles are reflections of cellular activities. As such, the dysregulation of RNAs' expressions has been recorded under various diseases. Due to the decreased costs of performing RNA sequencing (RNA-seq) experiments, the unbiased profiling of the transcriptome is frequently used in both basic and translational research.

The aim of this Special Issue is to highlight the usage of RNA as a potential diagnostic biomarker of various diseases. We encourage contributions on technical advancements in detecting various forms of RNA (e.g., non-coding RNAs, including microRNAs, long non-coding RNAs (lncRNAs), and circular RNAs (circRNAs)) and computational approaches to analyzing RNA-seq data.

Dr. Riccardo Panella
Prof. Dr. Shizuka Uchida
Dr. Mirolyuba Ilieva
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 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