



Proteomics and Nucleotide Profiling as Tools for Biomarker and Drug Target Discovery

Guest Editors:

Prof. Dr. Bent Honoré

1. Department of Biomedicine,
Aarhus University, Aarhus,
Denmark
2. Department of Clinical
Medicine, Aalborg University,
Aalborg, Denmark

Prof. Dr. Gregory Edward Rice

Exosome Biology Laboratory,
Centre for Clinical Diagnostics,
University of Queensland Centre
for Clinical Research, Royal
Brisbane and Women's Hospital,
Brisbane, QLD, Australia

Prof. Dr. Henrik Vorum

1. Department of Clinical
Medicine, Aalborg University,
Aalborg, Denmark
2. Department of
Ophthalmology, Aalborg
University Hospital, Aalborg,
Denmark

Deadline for manuscript
submissions:

closed (31 October 2020)



mdpi.com/si/26237

Message from the Guest Editors

Separate developments of a wide variety of techniques including two-dimensional gel electrophoresis (2D-PAGE), mass spectrometry (MS), construction of databases with structural information as well as the development of software applications and computer science formed the basis for the field of proteomics some decades ago. The field has shown tremendous advancement ever since, especially more recently. Proteins originate from protein-coding RNA. More recently, non-coding RNAs have been shown to be important regulators of cell function, biomarkers of pathology and as putative clinical interventions.

This Special Issue addresses the challenges in the application of proteomic analysis and nucleotide profiling to support clinical decisions based on the mapping of disease-associated protein and nucleotide changes that may highlight protein and nucleotide candidates as biomarkers or drug targets.

This Special Issue calls for papers that describe the current knowledge and future perspectives in the development of proteomics and nucleotide-based techniques to reveal candidate biomarkers or drug targets for diseases.



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. José L. Quiles

Department of Physiology,
Institute of Nutrition and Food
Technology “Jose Mataix”,
Biomedical Research Center,
University of Granada, Avda.
Conocimiento s/n, 18100 Armilla,
Granada, Spain

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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 (Organic 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