



Circulating Non-coding RNAs as Diagnostic and Prognostic Markers of Human Diseases: 2nd Edition

Guest Editors:

Prof. Dr. Kyriacos N. Felekis

Non-Coding RNA Research
Laboratory, Department of Life
Sciences, School of Life and
Health Sciences, University of
Nicosia, 2417 Nicosia, Cyprus

Dr. Christos Papanephytou

Department of Life Sciences,
School of Life and Health
Sciences, University of Nicosia,
Nicosia, Cyprus

Deadline for manuscript
submissions:

28 August 2024

Message from the Guest Editors

Circulating non-coding RNAs (ncRNAs), including microRNAs, long non-coding RNAs, and PIWI-interacting RNAs, are a class of stable RNAs that do not encode proteins, which can be detected in body fluids, including blood and urine. Several ncRNAs regulate several cellular functions, such as proliferation, apoptosis, and cell cycle progression. NcRNAs have been reported to contribute at various levels of disease pathogenesis, ranging from causative players to modifying factors. Inevitably, their role in human diseases has become apparent. Additionally, emphasis has been given to the role of these molecules as diagnostic, prognostic, and even therapeutic biomarkers of human diseases. Despite the initial difficulties on that front, due to the high intra- and intervariability, many of these discoveries are currently reaching the clinic. In the era of personalized medicine, elucidating the multifaceted role of ncRNAs in human diseases is considered of utmost importance.

This Special Issue invites submissions of original papers and reviews that cover recent advances in the application of ncRNAs as prognostic and diagnostic biomarkers of human diseases and other related subjects.





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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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*International Journal of Molecular
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MDPI, Grosspeteranlage 5
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