

Special Issue

The Ins and Outs of miRNAs as Biomarkers, 2nd Edition

Message from the Guest Editors

In recent years, substantial progress has been made in studying the role of microRNAs (miRNAs) in the pathogenesis of diseases. miRNAs are relevant components of the cellular epigenetic machinery that act as specific gene silencers by base pairing to a target mRNA. miRNAs have emerged as body homeostasis peacekeepers, playing critical roles in the pathology of a variety of disorders, including cancer. The diagnosis and prognostic potential of miRNAs as non-invasive biomarkers has been advised either as individual biomarkers or in combination. Inconsistencies found between different studies could be explained, at least in part, by differences in extraction and identification procedures, experimental setup, and data processing, thus pointing to the importance of developing well-standardized protocols and operative guidelines. In this context, all kinds of studies related to miRNAs as biomarkers are of interest to this Special Issue.

Guest Editors

Prof. Dr. Giuseppe Iacomino

Institute of Food Sciences, National Research Council, ISA-CNR, Via Roma, 64, 83100 Avellino, Italy

Dr. Fabio Lauria

Institute of Food Sciences, National Research Council, Via Roma 64, 83100 Avellino, Italy

Deadline for manuscript submissions

closed (30 April 2025)

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

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Message from the Editor-in-Chief

Genes is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan
Department of Pathology, The University of Alabama at Birmingham,
1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

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