

## Special Issue

# miRNAs in the Era of Personalized Medicine: From Biomarkers to Therapeutics

### Message from the Guest Editors

miRNAs have attracted a greater interest in the last years as for the characterization of tumour biology. These small non-coding RNAs with regulatory properties have been proven to be deregulated in several pathologies, from benign pathologies as endometriosis or cardiovascular diseases to distinct forms of solid and haematological malignancies. Since a single miRNA might impact in multiple signalling pathways, they might be involved into disease pathophysiology and also might become potential therapeutic targets. Far from the classical miRNA mimic or anti-miR approach, new evidences are pointing to targeted DNA methylation of miRNA promoters as a potential therapeutic strategy. Additionally, the discovery of miRNAs in a myriad of human biofluids has paved the way for its implementation as biomarkers of disease. This Special Issue aims to broaden the knowledge about current advances in the field of miRNAs as mechanisms of disease, biomarkers and potential therapeutic targets.

### Guest Editors

Dr. Juan Gilabert-Estellés

Dr. Josep Marí-Alexandre

Prof. Dr. Martin Götze

### Deadline for manuscript submissions

closed (30 April 2021)



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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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.

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### Editor-in-Chief

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