

Special Issue

RNA in Extracellular Vesicles

Message from the Guest Editors

The extracellular RNA research field is progressing at a rapid pace with regular twists and turns due to technical advances and challenges. Why is RNA secreted in EVs vs EPs? Are they signaling complexes destined for other cells or organisms, or just waste? What is their value for diagnostics or therapeutics? How do they function in complex host-microbiota or host-parasite systems, or in inter-organ communications in complex multicellular organisms?

The purpose of this Special Issue is to present original research or review articles that explore the various extracellular RNA types carried by EV or other nanoparticles from flora, fauna, fungi or bacteria in health and disease, as well as the mechanisms that regulate this secretion. We welcome articles from single miRNA biomarker studies using PCR to whole-transcriptome investigations via next-generation sequencing, the in silico analysis of sequences targeting RNA for secretion, and innovative multi-omics approaches for the characterization of RNA carriers and their interactive environment.

Guest Editors

Dr. Genevieve Bart

Disease Networks Research Unit, Laboratory of Developmental Biology, Faculty of Biochemistry and Molecular Medicine, University of Oulu, 90570 Oulu, Finland

Dr. Maija Puhka

HiPrep and EV Core, Institute for Molecular Medicine Finland FIMM, University of Helsinki, 00290 Helsinki, Finland

Deadline for manuscript submissions

closed (25 November 2024)

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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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