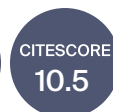




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Therapeutic Applications of Extracellular Vesicles

Guest Editors:

Dr. Benedetta Bussolati

Department of Molecular
Biotechnology and Health
Sciences, University of Turin, via
Nizza 52, 10126 Turin, Italy

Dr. Cristina Grange

Department of Medical Sciences,
University of Turin, via Nizza 52,
10126 Turin, Italy

Prof. Dr. Jameel M. Inal

Biosciences Research Group,
School of Life and Medical
Sciences, University of
Hertfordshire, College Lane,
Hatfield AL10 9AB, UK

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Message from the Guest Editors

Dear Colleagues,

Extracellular vesicles (EVs) appear as a new promising cell-free therapy in regenerative medicine. A large variety of preclinical data have shown the effect of EVs in acute and chronic tissue kidney, lung, heart, liver, and brain injury, to name but a few.

The interest in EVs for therapeutic applications is related to their characteristics of safety, targeting ability, and multitarget properties. In particular, EVs derived from stem cells such as mesenchymal stromal cells are among the most studied EV sources. The possibility to engineer EVs and enrich their cargo opens new scenarios.

The aim of this Special Issue is to provide an overview of the knowledge about the regenerative role of EVs, focusing on their therapeutic applications. This Special Issue will summarize the application of EVs in preclinical models of acute and chronic tissue injuries, comparing animal models, EV sources, including their subfractions, doses, routes of administration, and efficacy of treatment.

Prof. Benedetta Bussolati
Dr. Cristina Grange
Prof. Jameel M. Inal
Guest Editors



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Special Issue



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Editors-in-Chief

Dr. Alexander E. Kalyuzhny

Dental Basic Sciences, University
of Minnesota, 308 Harvard St. SE,
Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation
Centre, The University of
Copenhagen, Copenhagen,
Denmark

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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