Special Issue

The Role of Extracellular Vesicles in Chronic Inflammatory and Immune Processes

Message from the Guest Editor

Extracellular vesicles (EVs) comprise several classes of cell-derived nanoparticles secreted or passively shed by cells. EVs are evolutionarily conserved and play central roles in cellular communication. As such, mounting evidence points to their utility not only as diagnostic and prognostic markers of disease but also as therapy. Indeed the mechanism of action of many cell therapies relies on the secretion of EVs to mediate these effects. A central function of EV therapy revolves around their immunomodulatory bioactivity including attenuating the innate and adaptive immune response. The focus of this special issue is the mechanism by which EVs and their constituents disrupt chronic inflammation in a variety of disease contexts. Chronic inflammation comprises the inflammasome pathway, innate immune, and adaptive immune activation.

Guest Editor

Dr. Ahmed Ibrahim
Cedars-Sinai Medical Center, Los Angeles, CA, USA

Deadline for manuscript submissions

closed (20 August 2022)

Cells

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed

mdpi.com/si/97096

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

mdpi.com/journal/cells

Cells

an Open Access Journal by MDPI

Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed

mdpi.com/journal/cells

About the Journal

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.

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

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).