Special Issue

Molecular and Clinical Advances in Understanding Early Embryo Development

Message from the Guest Editor

Both maternal and paternal environmental challenges and assisted reproductive technology (ART) can alter early embryo development. These molecular alterations often produce unwanted characteristics in adulthood. Included in the undesirable characteristics are metabolic syndrome, diabetes, hypertension, and other related disorders. Strikingly, these disorders may, in many cases, exhibit transgenerational expression. This special issue aims to explore current research concerning these and related environmental challenges to early embryos and their mothers and fathers. We invite submission of manuscripts concerning, but not limited to, the following key words regarding early embryo development. We are pleased to invite you to contribute original articles, reviews, and communications, etc. We are looking forward to your contributions to this Special Issue.

Guest Editor

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Deadline for manuscript submissions

closed (15 November 2022)

Cells

an Open Access Journal by MDPI

Impact Factor 5.1
CiteScore 9.9
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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.

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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.5 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2024).