cells

an Open Access Journal by MDPI

IMPACT FACTOR 5.2

Indexed in: PubMed

CITESCORE 10.5

Hematopoiesis and Stem Cells

Guest Editors:

Prof. Giovanni Morrone
Laboratory of Molecular Haematopoiesis and Stem Cell Biology, Universita degli studi Magna Graecia di Catanzaro, Catanzaro, Italy

Dr. Heather M. Bond
Laboratory of Molecular Haematopoiesis and Stem Cell Biology, Universita degli studi Magna Graecia di Catanzaro, Catanzaro, Italy

Deadline for manuscript submissions:
closed (31 January 2020)

Message from the Guest Editors

Dear Colleagues,

Since the pioneering studies of McCulloch and Till that marked the beginning of modern experimental hematology, over five decades of extensive research have yielded a tremendous wealth of information about the biology of the hematopoietic stem cell (HSC) compartment and the molecular mechanisms that govern its development and homeostasis, and have led to clinical applications of HSCs in the treatment of a variety of congenital and acquired disorders of the hematopoietic system. However, several aspects of HSC biology remain only partially understood, or controversial. This Special Issue of *Cells* aims to collect qualified contributions to shed additional light on our understanding of these cells. Therefore, we invite you to submit original research articles or reviews in all areas of HSC research, in particular focused on topics including, but not limited to:

- HSC heterogeneity
- Interactions between HSCs and the microenvironment in development, adult life and malignancies
- Influence of metabolism on HSC fate choice
- Epigenetic regulation of normal and malignant HSCs
- Stem cells in hematopoietic malignancies: biologic features and targeting strategies

mdpi.com/si/18859

Special Issue

cells

an Open Access Journal by MDPI

IMPACT FACTOR 5.2

Indexed in: PubMed

CITESCORE 10.5

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
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)

Contact Us

Cells Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/cells
cells@mdpi.com
𝕏@Cells_MDPI