

## Special Issue

# Stem Cells: Past, Present, and Future

### Message from the Guest Editors

Stem cells are unspecialized immature cells of the human body that are able to generate a single specialized tissue, multiple tissues or the whole organism. In recent years, stem cells have gained impressive attention both in tumor biology, where cancer growth is shown to be driven by stem-cell-like behavior, and in regenerative medicine, where stem cells are fundamental in the reparation and regeneration processes. Today, stem cells are studied and used in medicine as targets of pharmacological testing, in cell-based therapies, in transplants, and more. In the near future, stem cells might be used in different clinical applications with innovative studies and techniques, such as the use of bioprinters and bioreactors capable of mimicking the in vivo body environment and aiding ad personam organ or tissue replacement.

In this Special Issue of *Life*, we wish to invite investigators from basic, clinical, and translational research or closely related disciplines to contribute original articles, reviews, communications, and concept papers.

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### Guest Editors

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### Deadline for manuscript submissions

closed (27 October 2023)



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*Life* (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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### Editor-in-Chief

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