



New Challenges in Cryopreservation

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submissions:

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Message from the Guest Editors

Dear colleague,

Cryopreservation is a fundamental procedure to maintain the structure and function of cells and tissues when stored at low temperatures for long periods. Despite being developed in the early 1900s, it maintains an essential role in the conservation of living material in different fields, including health, biodiversity conservation, and biotechnologies.

This Special Issue will publish high-quality research papers, as well as review articles, addressing new or alternative approaches in the field of cryopreservation of cells and tissues. Original, high-quality contributions that are not yet published or under review by other journals are sought.

Potential topics include, but are not limited, to the following:

- Novel cryopreservation technologies, including protocols, devices, or equipment.
- Recent developments in the use of new cryoprotective molecules.
- Molecular and cellular mechanisms involved in the response to cryopreservation.
- Effects of cryopreservation on the epigenome of cells.
- Novel strategies in cryopreservation applied to reproduction (gametes, embryos, and gonads).





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Message from the Editor-in-Chief

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