



## Molecular Biology of Stem Cells

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Deadline for manuscript  
submissions:

**closed (30 September 2024)**

### Message from the Guest Editors

Stem cells are at the center of interest in modern biology because of their importance in developmental and regenerative processes and potential applications in regenerative medicine. The full understanding of the molecular mechanisms involved in the stemness and directed cell differentiation towards a particular cell fate have key importance for the understanding of the plasticity of embryo development, functioning of young and adult organisms, numerous pathologies including cancer, aging, regeneration processes, and their biomedical applications, which will revolutionize the field of medicine.

This Special Issue entitled “Molecular Biology of Stem Cells” is focused on processes and molecular mechanisms governing stemness, different states of stem cell potency, and stem cells’ directed differentiation into particular cell types. We encourage submitting original articles, review articles, perspectives/opinions, and methodology articles about all types of stem and progenitor cells, their propagation, differentiation, and potential use in medicine.





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## Message from the Editor-in-Chief

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