

## Special Issue

# Stem Cell Engineering and Tissue Regeneration

### Message from the Guest Editors

This Special Issue focuses on the latest advances in stem cells and tissue engineering, highlighting their role in regenerative medicine. We welcome original research, reviews, and short communications on key innovations and clinical applications. Topics of interest include:

- **Stem cell research:** pluripotent, mesenchymal, and reprogrammed stem cells; organoids; and genetic engineering.
- **Tissue engineering:** bioengineered tissues, 3D printing, nanomaterials, and hybrid constructs.
- **Biomaterials and delivery systems:** smart scaffolds, hydrogels, and controlled release systems.
- **Clinical translation:** preclinical/clinical studies, vascularization, immune response, and commercialization.
- **Mechanistic insights:** cell–matrix interactions, omics, and computational modeling.

This issue aims to showcase interdisciplinary research that bridges biology, engineering, and clinical practice, accelerating innovative solutions for tissue regeneration.

### Guest Editors

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### Deadline for manuscript submissions

1 November 2025



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### Editor-in-Chief

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