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Multifunctional Scaffolds for Musculoskeletal Regeneration

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Deadline for manuscript submissions:

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Message from the Guest Editors

This Special Issue is envisaged to present the state of the art of basic, translational, and clinical efforts that combine these different strategies to design and develop bioactive scaffolds with multifaceted capabilities. Different topics of interest to this Special Issue include:

- 1) surface modification strategies to support cell migration, cell homing, and tissue regeneration;
- 2) designing immunomodulatory scaffolds for creating a reparative environment conducive to tissue regeneration;
- 3) combining scaffolds with biologics (growth factors, peptides, small molecules) and/or inorganic fillers for improved cellular response;
- 4) multifunctional antimicrobial and cell-instructive scaffolds for musculoskeletal repair.













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Message from the Editor-in-Chief

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