

# Special Issue

## Advanced Biomaterials and Dynamic Scaffolding in Regenerative Medicine

### Message from the Guest Editors

This Special Issue on "Advanced Biomaterials and Dynamic Scaffolding in Regenerative Medicine" addresses the critical role of cutting-edge materials and scaffolding techniques in revolutionizing tissue engineering and regenerative therapies. With the growing demand for personalized and effective treatments, advanced biomaterials offer unique properties, including biocompatibility, bioactivity, and controlled degradation, that are essential for supporting cell growth and tissue regeneration. Dynamic scaffolds, which mimic the extracellular matrix and provide mechanical cues, further enhance the ability to restore or replace damaged tissues. This issue will explore innovations in smart biomaterials, 3D bioprinting, and biofunctional scaffolds that adapt to physiological conditions and promote cell differentiation and tissue formation. For more information on the Special Issue, please visit [LINK](#)

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### Guest Editors

Dr. Md Mohosin Rana

Department of Pathology and Laboratory Medicine, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada

Dr. Tiago H. Silva

1. 3B's Research Group, I3Bs—Research Institute on Biomaterials, Biodegradables and Biomimetics, University of Minho, Headquarters of the European Institute of Excellence on Tissue Engineering and Regenerative Medicine, Barco, 4805-017 Guimarães, Portugal

2. ICVS/3B's-PT Government Associate Laboratory, Braga, 4805-017 Guimarães, Portugal



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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
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### Deadline for manuscript submissions

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As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

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