

## Special Issue

# Application of Extracellular Matrix in Regenerative Medicine

### Message from the Guest Editor

I invite you to contribute to a Special Issue of the journal *Applied Biosciences* and *Bioengineering*, entitled “Application of Extracellular Matrix in Regenerative Medicine”, which aims to present recent developments in the use of decellularized tissues and bioscaffolds to promote constructive tissue remodeling and wound repair.

An extracellular matrix (ECM) is a dynamic structure, composed of a three-dimensional architecture of fibrous proteins, proteoglycans, and glycosaminoglycans, synthesized by the resident cells, which forms an intricate network in equilibrium with the surrounding cells and growth factors. The ECM can be considered nature's ideal biological scaffold material.

The decellularization of tissues and whole organs has established a platform for creating scaffolding materials for tissue engineering and regenerative medicine. Therefore, I cordially invite you to submit your research on these topics in the form of original research papers, mini-reviews, and perspective articles.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 October 2020)



## Applied Sciences

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### Message from the Editor-in-Chief

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  
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