

Special Issue

Materials for Tissue Engineering Scaffolds

Message from the Guest Editor

Tissue engineering was a phrase first coined by Robert Langer in the 1990s and has since become a hugely significant interdisciplinary field. Living tissue is effectively replaced with living tissue, successfully integrated within the patient. A scaffold structure is necessary to fill the tissue void and provide structural support and to provide the necessary cues for optimized tissue regeneration. This may occur through the release of biological factors or cells, but structural and chemical cues may play just as important a role. This Special Issue focuses on the materials used within optimized scaffolds— structures that are now much more than space fillers. The Issue will consider the decisions behind materials selection, routes for optimized scaffold production, and characterization of both materials and structures applied across the spectrum of tissue engineering approaches.

Guest Editor

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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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