

Special Issue

Electro-Active Scaffolds for Tissue Engineering

Message from the Guest Editors

Scaffolds are physical substrates for cell attachment, proliferation and differentiation, ultimately leading to the regeneration of tissues. They must be biocompatible and biodegradable, have adequate mechanical properties, which depend on the type of tissue, and surface characteristics. Its capacity to stimulate cells is also another important requirement. It is our pleasure to invite you to submit a manuscript for this Special Issue focusing on materials, processing techniques, computer modelling and simulation and in vitro/in vivo applications of electro-active scaffolds for tissue engineering and regenerative medicine. Full papers, communications and reviews are all welcome. Prof. Paulo Bártolo

Guest Editors

Prof. Dr. Paulo J. Bártolo
Dr. Guilherme Caetano
Dr. Henrique Almeida

Deadline for manuscript submissions

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editor-in-Chief

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