Special Issue

Drugs, Growth Factors and Active Molecules for Tissue Engineering and Regenerative Medicine

Message from the Guest Editor

Tissue engineering strategies based on active compounds represent promising approaches to the regeneration of damaged or diseased tissues and organs. In this context, regenerative medicine holds immense potential for both the treatment of diseases and the improvement of quality of life. This Special Issue, titled “Drugs, Growth Factors and Active Molecules for Tissue Engineering and Regenerative Medicine”, is dedicated to examining the effects of drugs, growth factors, and bioactive molecules with the aim of optimizing progress in tissue engineering and regenerative medicine. This collection aims to disseminate innovative research, methodologies, and advances at the interface of pharmaceuticals, biomaterials, and cells, with particular emphasis on cutting-edge aspects of drug-loaded carriers, bioactive scaffold formulations, and in vivo evaluations. The convergence of pharmaceuticals and regenerative medicine offers significant potential to tackle complex healthcare challenges. With this initiative, we aim to foster transformative progress, establishing a foundation for innovative pharmaceutical strategies that enhance the regenerative potential of drugs.

Guest Editor

Dr. Natasha Maurmann

Hematology and Stem Cell Laboratory, Faculty of Pharmacy, Universidade Federal do Rio Grande do Sul (UFRGS), Porto Alegre, Brazil

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Future Pharmacology
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
future-pharmacology@mdpi.com

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Editor-in-Chief

Prof. Dr. Fabrizio Schifano
Psychopharmacology, Drug Misuse and Novel Psychoactive Substances Research Unit, School of Life and Medical Sciences, University of Hertfordshire, Hertfordshire AL10 9AB, UK

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