

Special Issue

Design and Characterization of Functional, Light-Responsive Materials for Drug Delivery and Tissue Engineering

Message from the Guest Editors

The aim of this Special Issue is to highlight new developments in the field of functional, light-responsive materials, either in the form of photo-activable small molecules or consisting of polymeric chains, hydrogel constructs, electrospun fibers, or micro- and nano-particle assemblies, with light-triggering moieties, as platforms for the effective delivery of drugs and bioactive compounds (e.g., growth factors, nucleic acids, proteins, antioxidants). We welcome original research and review papers dealing with diverse aspects of such smart material designs, from their synthesis and fabrication, to their physico-chemical characterization, and intended applications in pharmaceutical therapeutics and tissue engineering.

Guest Editors

Dr. Giulia Suarato

Dr. Rossella Castagna

Prof. Dr. Giuseppina Sandri

Deadline for manuscript submissions

closed (30 April 2023)



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Pharmaceutics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
pharmaceutics@mdpi.com

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Editor-in-Chief

Prof. Dr. Patrick J. Sinko
Department of Pharmaceutics, Ernest Mario School of Pharmacy,
Rutgers University, Piscataway, NJ 08854, USA

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