



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

Guest Editors:

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Deadline for manuscript  
submissions:  
**closed (30 April 2023)**

### Message from the Guest Editors

Dear Colleagues,

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.

Dr. Giulia Suarato  
Dr. Rossella Castagna  
Dr. Giuseppina Sandri  
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## Message from the Editor-in-Chief

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