

## Special Issue

# Polymers for Medical Applications

### Message from the Guest Editor

Synthetic polymers and nanomaterials have raised increasing interest in recent years due to their potential application in the biomedical field. Novel synthetic polymers and nanomaterials with specially designed physical or chemical properties have been developed as biopolymers, nano-scale materials, imaging tools, stimuli-responsive materials, cell culture supporting materials, and systems for drug delivery and drug depots. Such advances drive their future application in the biomedical field. This Special Issue welcomes original research articles with a focus on the synthesis and functionalization of newly synthesized biopolymer, nanomaterials, imaging tools, stimuli-responsive materials, cell culture supporting materials, and drug delivery systems for future biomedical applications.

#### Keywords

- pH-sensitive polymer
- cell detachment
- cell viability
- angiogenesis

### Guest Editor

Prof. Dr. Suk Ho Bhang

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### Deadline for manuscript submissions

closed (31 August 2021)



## Materials

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## About the Journal

### 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.

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### Editor-in-Chief

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