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Smart Hydrogels for (Bio)printing Applications

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Message from the Guest Editors

Dear Colleagues,

Hydrogels represent a paramount biomaterial class. As they retain large amounts of water, they are potential key candidates as extra-cellular matrix mimics, with the final aim to enhance the quality of human life.

Hydrogels have been investigated for a long time and encompass synthetic polymers, biopolymers or combinations of both as building blocks. In recent years, hydrogels have successfully been taken to the next level, as various 3D (bio)printing technologies have emerged with or without embedded cells.

In the current Special Issue of *Materials*, we offer a platform for the above-described ground breaking science. We hope that the issue will bring new insights to the scientific community in an ever-expanding research field.

Peter Dubruel
Sandra Van Vlierberghe
Guest Editors



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Special Issue



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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.

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