

## Special Issue

# Advances in Textile Materials for Biomedical Applications

### Message from the Guest Editors

Textiles are essential in biomedical applications due to their versatility, biocompatibility, and customizable properties. Some key textile materials used in biomedical applications include natural, synthetic, and smart textiles. These materials are used in wound care, implants, tissue engineering, drug delivery, and wearable medical devices. Textile materials used in biomedical applications must provide biocompatibility, mechanical strength, and functionality. While natural textile materials offer biodegradability, synthetic and smart textiles provide advanced performance for implants, wound care, and diagnostics. Future advancements in nanotechnology, 3D printing, and bioengineering will further expand their biomedical applications. This Special Issue of *Materials* titled “Advances in Textile Materials for Biomedical Applications”, considers papers describing the development of new textile materials for biomedical applications. Theoretical contributions can be included, but all papers considered must include an experimental component. Any paper with a demonstrated biomedical application will be considered.

### Guest Editors

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### Deadline for manuscript submissions

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## 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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