

Special Issue

Advances of Medical Textiles: 2nd Edition

Message from the Guest Editor

Medical textiles are an emerging interdisciplinary field, positioned among conventional textile technologies— weaving, knitting, embroidery—and other scientific fields such as chemistry, medical science, pharmaceuticals, and electrical engineering. The immense growth of this field significantly broadens the diversity and performance of products belonging to the category of medical textiles, ranging from disposable baby diapers, feminine hygiene products, bandages and health care personnel coats to specialized and personalized high-tech products such as monitoring devices, blood filtration membranes, implants and more. We invite you to submit your manuscripts covering the following topics:

- Non-implantable and implantable medical textiles
- Smart, responsive medical textiles
- Drug-releasing textiles
- Textiles in rehabilitation, health care, and hygiene
- Textile composites encompassing the (bio)polymeric, metallic, or inorganic components
- Advanced textile manufacturing (electrospinning, 3D printing, etc.) for high-tech medical devices
- Regulations on medical textiles

Guest Editor

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Deadline for manuscript submissions

closed (30 September 2025)



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About the Journal

Message from the Editor-in-Chief

Textiles (ISSN 2673-7248) is an open access, peer-reviewed scientific journal that publishes research papers, review articles and communications on all perspectives regarding textiles, including science, engineering, design, and business. Our mission is to serve as the premier platform for high-impact research that transforms textile materials and the textile industry for the future. Whether you are developing conductive yarns for smart health monitoring, engineering nonwovens for advanced filtration, or pioneering closed-loop recycling systems for synthetic blends, consider this journal your home.

We invite you to submit your original work spanning all textile-related fields, especially those that explore new functionalities and applications of fiber-based materials and systems, push the boundaries of our knowledge about textiles, and challenge long-held assumptions about textile and apparel manufacturing and business.

Editor-in-Chief

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