
Special Issue on Medical Engineering and Individualized Treatment Strategies

Call for Papers

Medical Engineering and Individualized Treatment Strategies explores the integration of advanced engineering technologies with modern precision medicine to improve diagnostic accuracy, therapeutic effectiveness, and patient-specific care. This theme focuses on innovations such as biomedical imaging, biomaterials, wearable health monitoring systems, smart medical devices, and computational modeling that enable clinicians to tailor treatments based on individual genetic, physiological, and lifestyle profiles. By bridging engineering principles with personalized healthcare approaches, the topic aims to promote more effective, minimally invasive, and outcome-driven medical interventions for diverse patient populations.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Medical Engineering and Individualized Treatment Strategies**. Potential topics include, but are not limited to:

- Advanced Medical Imaging
- AI-Guided Clinical Strategies
- Bioinformatics For Precision Care
- Biomaterials And Regenerative Systems
- Biomedical Engineering Innovation
- Clinical Decision Support Systems
- Computational Medicine Modeling
- Genomic-Based Treatment Planning
- Medical Robotics Application
- Patient-Specific Prosthetics
- Personalized Therapeutic Design
- Point-Of-Care Technologies
- Precision Diagnostics Technology
- Smart Drug Delivery Platforms
- Telemedicine And Digital Health
- Wearable Health Monitoring

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).



Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Medical Engineering and Individualized Treatment Strategies**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	March 16th, 2026
Publication Date	May 2026

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