



Special Issue on
Biomedical Engineering and Medical Devices

Call for Papers

Biomedical Engineering is the application of engineering principles and design concepts to medicine and biology for healthcare purposes (e.g. diagnostic or therapeutic). This field seeks to close the gap between engineering and medicine, combining the design and problem solving skills of engineering with medical biological sciences to advance health care treatment, including diagnosis, monitoring, and therapy.

A **medical device** is any apparatus, appliance, software, material, or other article—whether used alone or in combination, including the software intended by its manufacturer to be used specifically for diagnostic and/or therapeutic purposes and necessary for its proper application.

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

- Medical imaging
- Fluoroscopy and magnetic resonance imaging
- Tissue engineering and biomaterial
- Implants and prosthesis
- Biomedical and material technology
- Biomedical polymers
- Pacemaker therapy
- Microscope technology and biomedical applications
- Drug-eluting stents
- Rehabilitation engineering and devices
- Defibrillators
- Intraocular lens
- Surgical instruments

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 notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue – *Biomedical Engineering and Medical Devices***” should be chosen during your submission.

According to the following timetable:

Submission Deadline	March 19th, 2019
Publication Date	May 2019

For publishing inquiries, please feel free to contact the Editorial Assistant at submission.entrance1@scirp.org

JBiSE Editorial Office

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