

Biomedical & Nanomedical Technologies (B&NT)

Scope

This **concise** monograph series focuses on the implementation of various engineering principles in the conception, design, development, analysis and operation of biomedical, biotechnological and nanotechnology systems and applications. Authors are encouraged to submit their work in the following core topics, but authors should contact the commissioning editor before submitting a proposal:

BIOMEDICAL DEVICES & MATERIALS

- Trauma Analysis
- Vibration and Acoustics in Biomedical Applications
- Innovations in Processing, Characterization and Applications of Bioengineered Materials
- Viscoelasticity of Biological Tissues and Ultrasound Applications
- Dynamics, and Control in Biomechanical Systems
- Clinical Applications of Bioengineering
- Transport Phenomena In Biomedical Applications
- Computational Modeling and Device Design
- Safety and Risk Analysis of Biomedical Engineering
- Modeling and Processing of Bioinspired Materials and Biomaterials

NANOMEDICAL DEVICES & MATERIALS

- Bio Nano Materials
- Nano Medical Sciences
- Materials for Drug & Gene Delivery
- Nanotechnology for Central Nervous System
- Nanomaterials & Living Systems Interactions
- Biosensing, Diagnostics & Imaging
- Cancer Nanotechnology
- Micro & Nano Fluidics
- Environmental Health & Safety
- Soft Nanotechnology & Colloids