



CALL FOR PAPERS

BIOMEDICAL AND BIOTECHNOLOGY ENGINEERING TRACK

2010 ASME International Mechanical Engineering Congress and Exposition
Vancouver, British Columbia
November 12-18, 2010

This track focuses on the implementation of various engineering principles in the conception, design, development, analysis and operation of biomedical and biotechnological systems and applications. Authors and presenters are invited to participate in this track to expand international cooperation, to develop understanding of bioengineering principles and methodology and to promote efforts in implementing engineering principles to biomedical and biotechnological systems. Dissemination of knowledge by presenting research results, new developments and novel concepts in developing these systems will serve as the foundation for this track program. A variety of symposia are available for oral and poster presentations. The topics include but not limited to:

- General Biomedical and Biotechnology Applications
- Biomedical and Biotechnology Plenary Presentation
- BioMEMS, Micro and Nano Systems in Medicine and Biology
- Vibration and Acoustic in Biomedical Applications
- Application of Composites in Biomaterials and Bioengineering
- Viscoelasticity of Biological Tissues
- Dynamics and Control of Biomechanical Systems
- Bioengineering and Medical Applications
- Biomechanics of Traumatic Brain Injury
- Biomedical Heat Transfer and Biomedical Fluid Mechanics
- Computational Modeling and Device Design
- New Trends in Biomedical Applications-Poster Symposium

Prospective authors should submit an abstract via the web tool at the Congress 2010 website (<http://www.asmeconferences.org/congress2010/>) by March 1, 2010. Please make sure to submit the abstract to **BIOMEDICAL AND BIOTECHNOLOGY ENGINEERING TRACK**. With the acceptance of this draft abstract, an extended two-page abstract should be submitted by May 31, 2010. Final papers will be available on CD-ROM at the meeting. Presentation can be in oral or/and poster format. If you desire to submit a poster, please make sure to include it in the Symposium New Trends in Biomedical Applications. See the Conference website for a detailed publication schedule.

Sponsored by: Bioengineering Division and Design Division

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