



# CALL FOR PAPERS

## BIOMEDICAL AND BIOTECHNOLOGY ENGINEERING TRACK

**2015ASME International Mechanical Engineering Congress and Exposition**  
*Hilton of the Americas and George R. Brown Convention Center*  
*Houston, Texas, November 13-19, 2015*

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 are not limited to:

- Biomedical and Biotechnology Plenary Presentation-**By Invitation only**
- Damage Biomechanics
- Vibration and Acoustics in Biomedical Applications
- Biomedical Ultrasound
- Biomaterials: Modelling , Synthesis and Characterization
- Bioinspired Materials and Structures
- Dynamics and Control of Biomechanical Systems
- Clinical Applications of Bioengineering
- Transport Phenomena In Biomedical Applications
- Computational Modeling and Device Design
- Sport Biomechanics
- Quantitative Biomedical Image Analysis
- General Biomedical and Biotechnology Applications
- New Trends in Biomedical Applications-Poster Session

Also Biomedical Graduate (PhD and Masters) students' competition will take place. Please request if you want your paper to be included in the competition. Prospective authors should submit an abstract via the web tool at the Congress 2015 website (<http://www.asmeconferences.org/congress2015/>) by March 2, 2015. Please make sure to submit the abstract to **BIOMEDICAL AND BIOTECHNOLOGY ENGINEERING TRACK**. With the acceptance of this draft abstract, a full paper or an extended two-page abstract should be submitted by April 27, 2015. Final papers will be available on CD-ROM at the meeting. Presentation can be in oral and/or 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.

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