



# AUT INSTITUTE OF BIOMEDICAL TECHNOLOGIES

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## NEW JOURNAL BRIDGES GAP BETWEEN ENGINEERS AND NON-ENGINEERS

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Increasingly, engineering is required to solve clinical healthcare challenges.

The ASME Journal of Engineering and Science in Medical Diagnostics and Therapy seeks to bridge the gap between engineers and non-engineers and translate engineering knowledge into clinical applications in order to accelerate biomedical innovation, trial and commercialization.

The Journal spans four primary areas where engineering impacts applied biomedicine:

- Biotechnology in Pharmaceuticals
- Clinical Applications of Biomaterials
- Biotechnology in Clinical Systems
- Imaging, Diagnostics, and Therapeutics

The Journal will publish original research papers, review papers (by invitation), and technical briefs focused on implementation of engineering and science principles in medical diagnostics, imaging, characterization and therapy.

Scope:

- Clinical Diagnostics, Imaging and Characterization
- Therapeutic Technologies, Techniques, Equipment and Procedures
- Clinical Applications of Biomaterials, Chemical Processes and Pharmaceuticals
- Micro and Nanotechnology in Medicine
- Cell Physiology and Applied Mechanics
- Computing in Medicine and Biotechnology
- Drug and Biological Delivery Science and Biopharmaceuticals
- Cancer Diagnostics and Treatments
- Electro-mechanical and Chemical Sensors Technology
- Wave Propagations in Medical Applications, including Vibration, Acoustics, Ultrasounds and Electrography
- Sports Medicine and Prevention of Impact Injury
- Mechanopharmacology, Mechanopharmaceutics, and Mechanobiochemistry
- Clinical System Dynamics and Control
- Engineering and Science in Clinical Applications



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Check out this video for information on editorial content and instructions for submitting to the publication.

<https://www.youtube.com/watch?v=qtq7bhKXQT0>

## Submission Guidelines

All submissions should be prepared in accordance with the [ASME Author Guidelines](#) and be [submitted through the ASME Journal Webpage](#)

Select 'ASME Journal of Engineering and Science in Medical Diagnostics and Therapy'.