



Current Updates on Ultrasound for Biomedical Applications

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Deadline for manuscript
submissions:

30 January 2025

Message from the Guest Editors

Dear Colleagues,

The biomedical applications of ultrasound are experiencing rapid advancements, as technologies, methodologies, and applications are continuously developing. This Special Issue aims to showcase the latest progress in ultrasound research for biomedical purposes, encompassing its diagnostic and therapeutic applications.

We invite contributions that span a wide range of topics including, but not limited to:

- Diagnostic imaging techniques: advancements in ultrasound imaging methodologies for medical diagnosis.
- Therapeutic ultrasound: innovations in ultrasound technologies for therapeutic interventions, such as high-intensity focused ultrasound (HIFU) and low-intensity pulsed ultrasound (LIPUS).
- Ultrasound-triggered drug delivery systems.
- Interdisciplinary approaches to integrating ultrasound with other biomedical tools.





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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