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Ultrasound Devices for Biomedical Applications

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Deadline for manuscript submissions:
closed (31 August 2024)

Message from the Guest Editors

Dear Colleagues,

In recent years, all kinds of ultrasound devices have seen rapid and significant developments. With their unique properties, the biomedical application prospects of ultrasound devices are far reaching, including ultrasound imaging, cell manipulation, drug delivery, neuro stimulating, and so on.

This Special Issue aims to publish original research papers studying the latest advances in the development of ultrasound devices, including manufacturing processes and practical applications of such devices, and reviews describing the state-of-the-art technologies in this field. The current state of this exciting research field will be presented, covering a wide range of topics, including, but not limited to:

- Piezoelectric ultrasound transducer
- Optoacoustic transducer
- Surface acoustic wave device
- Electromagnetic ultrasonic transducer

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Message from the Editor-in-Chief

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