



## Advances in Acoustic Microfluidics

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### Message from the Guest Editors

This growing field of acoustic microfluidics holds strong promise for a wide range of in vivo studies, in part, owing to the tissue penetration nature of sound waves, which, being non-invasive, can be applied as low-power gentle waves or, proving their versatility, as a high-power probe to intervene with cells and tissues. This dexterity and versatility make acoustofluidics an important field to be explored further to advance the technology and solve new and more challenging problems. Thus, we invite you to contribute to this new Special Issue with research papers, communications, and review articles to further develop this field from technological innovations to clinical applications.

### Keywords:

- Acoustofluidics
- Acoustophoresis
- Acoustofluidic cell separation
- Acoustically powered micro-machines
- Acoustic manipulation
- Acoustofluidic single-cell studies
- Acoustic tweezers





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