Special Issue

Microbubbles for Ultrasound Therapy

Message from the Guest Editors

The development of microbubble contrast agents has expanded the utility of ultrasound from soft tissue anatomical imaging to functional intravascular imaging. Even more importantly, it has opened the door to therapeutic applications. Over the past five years, we have seen a dramatic increase in microbubble-mediated therapy in clinical implementations in a variety of applications, representing decades of research. These technologies are the result of work from a multidisciplinary combination of fields spanning physics, engineering, chemistry, biology and neuroscience. This Special Issue seeks to showcase research papers and review articles that focus on the latest work on microbubble-mediated therapy, including but not limited to drug and gene delivery, brain therapy, sonogenetics, ultrasound contrast agents, and mechanical and thermal ablation.

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Message from the Editor-in-Chief

Micromachines (ISSN 2072-666X) is a forum for cutting-edge interdisciplinary research on micro and nanoscale science and technology. We emphasise the practical, real-world value of micro and nanotechnologies that will place *Micromachines* in a leading position among engineering and technology journals.

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