



Cavitation-Enhanced Drug Delivery and Immunotherapy

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Deadline for manuscript
submissions:

closed (10 June 2023)

Message from the Guest Editors

Dear Colleagues,

I am pleased to invite you to contribute to this Special Issue intended to highlight new developments in ultrasound-stimulated microbubble-based therapeutics, from targeted drug delivery to immunotherapy. Indeed, microbubble-assisted therapies have demonstrated impressive advancements in clinical trials and pre-clinical areas, including applications in neurology, oncology, cardiology and beyond.

This Special Issue will cover topics including the design of new microbubble constructs, microbubble-assisted immunotherapies and immunomodulation, targeted drug or gene delivery, and dual microbubble imaging and therapeutic approaches. In addition to manuscripts that investigate applications in drug delivery and immunotherapy, we also welcome numerical and/or experimental mechanistic studies, including but not limited to single-cell or single-bubble studies that glean insight into the biophysics of this technology.

This collection is open to original research and review articles. I look forward to receiving your contributions.

Dr. Brandon Helfield

Guest Editor





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Message from the Editor-in-Chief

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