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Recent Advances on Acoustic, Ultrasonic, and Magnetic Drug Delivery

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Deadline for manuscript submissions:

closed (25 January 2024)

Message from the Guest Editors

Acoustic and magnetic drug delivery techniques are two novel active drug delivery approaches. The use of acoustics in biomedical practices has been expanded from diagnostic applications to non-invasive drug delivery. The use of acoustics in drug delivery procedures can be divided into two categories: ultrasonic-enhanced drug delivery (known as high-intensity focused ultrasound (HIFU)) and low-frequency acoustic drug delivery (ADD).

The journal *Pharmaceuticals* invites both reviews and original articles that shed light on the challenges and opportunities of using the magnetic field, acoustic wave, and pulsating flow in drug delivery enhancement as well as in the diagnosis of various diseases. Topics include but are not limited to: Targeted Drug delivery, Acoustic Drug Delivery, Magnetic drug targeting, Pulsating Flow, high-intensity focused ultrasound (HIFU), Acoustic Rhinometry, etc.



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