

Special Issue

Ultrasound for Cancer Therapy

Message from the Guest Editors

Ultrasound has rapidly gained clinical traction as a technique for non-invasive cancer therapy, ranging from thermal ablation of breast tumors to histotripsy treatment of primary and metastatic liver tumors and blood–brain barrier opening to augment the delivery of therapeutics to brain tumors. Globally, there are now hundreds of clinical trials investigating ultrasound cancer therapy, including applications in brain, pancreatic, renal, breast, and other cancers. This burgeoning clinical landscape is supported by a vibrant and rapidly expanding body of pre-clinical research that is establishing and mechanistically investigating novel ultrasound therapy techniques (e.g., HIFU, histotripsy, enhanced drug delivery, enhanced immunotherapy, sonodynamic therapy, blood–brain barrier opening, and sonobiopsy). There is mounting evidence that ultrasound can be effective in the treatment of many cancer types. Thus, the main objective of this Special Issue, “Ultrasound for Cancer Therapy”, is to showcase the latest pre-clinical and clinical research findings advancing ultrasound as a non-invasive tool for cancer treatment. More information for submission, please scan the QRcode on the right.

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About the Journal

Message from the Editor-in-Chief

Cancers (ISSN 2072-6694) is an international, online journal addressing both clinical and basic science issues related to cancer research. The journal will continue its open access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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