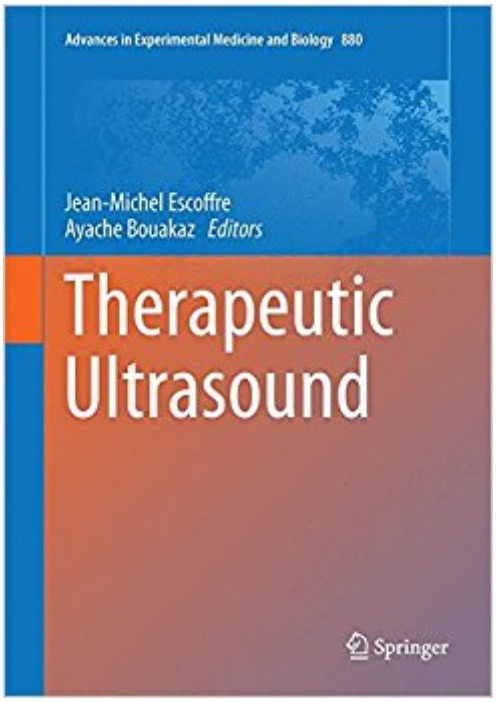
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Therapeutic Ultrasound (Advances In Experimental Medicine And Biology)



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Synopsis

This book highlights advances and prospects of a highly versatile and dynamic research field: Therapeutic ultrasound. Leading experts in the field describe a wide range of topics related to the development of therapeutic ultrasound (i.e., high intensity focused ultrasound, microbubble-assisted ultrasound drug delivery, low intensity pulsed ultrasound, ultrasound-sensitive nanocarriers), ranging from the biophysical concepts (i.e., tissue ablation, drug and gene delivery, neuromodulation) to therapeutic applications (i.e., chemotherapy, sonodynamic therapy, sonothrombolysis, immunotherapy, lithotripsy, vaccination). This book is an indispensable source of information for students, researchers and clinicians dealing with non-invasive image-guided ultrasound-based therapeutic interventions in the fields of oncology, neurology, cardiology and nephrology.

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