

Special Issue

Applications of Ultrasonic Technology in Biomedical Sciences

Message from the Guest Editors

This Special Issue focuses on emerging applications and the improvement of existing techniques in the field of medical sciences. In biomedicine, ultrasound is used to manipulate cells or particles in suspension, enhance the sensitivity of biosensors, generate images, characterize the viscoelastic properties of biological fluids and tissues, employ holographic lenses for transcranial ultrasound and drug delivery, utilize HIFU therapies and monitor other ablation techniques. This Special Issue seeks contributions that explore innovations in and the refinement of existing practices, in order to advance the future of ultrasound in the medical field. We encourage submissions that present advances regarding the application of ultrasound field in the biomedical sciences.

Guest Editors

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

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