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Advances in Medical Microwave Imaging and Signal Processing, and Hyperthermic Technologies for Healthcare

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Deadline for manuscript
submissions:

closed (30 June 2022)

Message from the Guest Editors

Dear Colleagues,

In the past years we have observed significant progress in the area of biomedical radiofrequency (RF) and microwave (MW) technology to improve diagnosis and treatment, with several efforts pursued internationally, including within large international networks.

The focus of this Special Issue is to gather the latest advancements regarding the applications of electromagnetic systems that are currently undergoing early proof studies and/or clinical studies, with varying levels of development in terms of device prototyping and pilot clinical studies, for both diagnosis and/or treatment. Related research on revisiting dielectric and/or thermal properties of biological tissues is welcome, as well as refinement and optimization of anthropomorphic phantoms. Significant software and hardware improvement for RF/MW technology is also welcome. Submissions addressing the design of prototypes suitable for clinical evaluation, considering issues of safety, patient comfort and other related practicalities, are also welcome to this issue.

For more information on the issue, please visit the Special Issue website at:

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Special Issue



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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