# Special Issue

# Microwave Sensors in Biomedical Systems

## Message from the Guest Editors

Microwave sensors comprise resonant and broadband techniques that can be applied in combination with microfluidic systems to investigate biological materials. Based on the application, appropriate characterization, extraction, and modelling methods can be applied to obtain the relevant information. Thus, this call for a Special Issue of *Sensors* invites contributions from authors studying manufacturing, device and system design, and characterization and modelling, among others. Research topics of interest include but are not limited to the following:

- New technologies for manufacturing microwave-microfluidic devices.
- New technologies for manufacturing devices for tissue characterization.
- Design of devices for the narrowband and broadband sensing of biological materials.
- Design of devices for tissue characterization.
- Design of supporting microwave circuitry for microwave-microfluidic systems.

## Guest Editors

Dr. Carolin Hessinger
Dr. Tomislav Markovic
Prof. Dr. Rolf Jakoby

## Deadline for manuscript submissions

closed (30 September 2022)

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# About the Journal

## 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.

## Editor-in-Chief

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