# **Special Issue**

# Bioimpedance Measurements and Microelectrodes

## Message from the Guest Editors

Bioimpedance measurements are an essential technique in the field of biomedicine, used to analyze the electrical properties of biological tissues, cells and other biological samples. By applying a small electrical current and measuring the resulting voltage. bioimpedance can provide valuable information about tissue composition, cellular health, and physiological processes. Microelectrodes have become pivotal in enhancing the precision and effectiveness of bioimpedance measurements. Due to their small size, they allow for high-resolution recordings and can access regions that are difficult to measure with traditional electrodes. The articles in this issue should explore various facets of bioimpedance and microelectrode technology. Topics of interest include innovations in microelectrode design, improvements in bioimpedance measurement techniques, and the integration of these technologies in clinical and research settings. Applications range from cardiac monitoring and neural activity recording to cancer detection, cellular analysis, and tissue engineering.

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# Deadline for manuscript submissions

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