

## Special Issue

# Technologies Related to Oxygen Supply to Tissue: Measurements of Oxygen Saturation, Tissue Blood Flow and Arterial Blood Pressure

### Message from the Guest Editors

This Special Issue invites researchers to submit both reviews and original research manuscripts in the field of blood oxygenation measurements. The articles may consider the technical and/or clinical aspects of oxygen supply-to-tissue measurement. The technical/methodological aspects are not restricted to the optical techniques of oximetry and NIRS—other methods are also of interest. The clinical applications of oxygen saturation measurements are important primarily for patients undergoing oxygen supplementation, in particular preterm newborns, but other applications are welcome as well.

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### Guest Editors

Prof. Dr. Meir Nitzan

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Dr. Ruben Bromiker

Department of Neonatology, Schneider Children's Medical Center of Israel, Petach Tikva, Israel

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### Deadline for manuscript submissions

closed (10 November 2025)



## Sensors

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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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### Editor-in-Chief

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