# Special Issue

# Sensors Technologies in Robot-Assisted Surgical Systems

## Message from the Guest Editor

The advancement of sensor technologies in robot-assisted surgical systems (RASS) is driving transformative progress in precision medicine. Sensors, with their advantages of high sensitivity, real-time performance, and miniaturization, play a crucial role in intraoperative navigation, tissue identification, and operational feedback. Recent breakthroughs in flexible sensing and nanotechnology have enabled multi-modal data acquisition and intelligent analysis of sensors in complex surgical environments.This Special Issue aims to compile original research and review articles focusing on the latest advances, technical solutions, applications, and emerging challenges of sensor technologies in RASS, providing a platform for academia and industry to exchange insights. For detailed information, please visit here.

## Guest Editor

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## Deadline for manuscript submissions

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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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