

## Special Issue

# Sensors and Sensing System for Cell Analysis

### Message from the Guest Editor

This Special Issue focuses on the ‘spying’ of the biology world that operates on such tiny objects as cells and their organelles. Sensors and sensing systems allow one to continuously study the adaptation and evolution of cells through the monitoring of their inner and outer environments. Moreover, most of these systems are non-invasive and enable development in essential branches of medicine such as drug resistance in cancer, antibiotic-resistant bacteria, or inter-organelle communication. Sensor cell analysis systems are continually evolving through increasing accuracy, resolution, range of action, and number of analysed parameters. The development of MEMS and microfluidics has significantly contributed to this field. Therefore, articles reporting recent advances in analysing cells and their environment with the use of diverse electrical, chemical, physical, biological, and hybrid sensors, as well as closely related topics, are welcome.

### Guest Editor

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### Deadline for manuscript submissions

closed (29 February 2020)



## 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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