

Special Issue

Intracellular Sensing

Message from the Guest Editor

Intracellular sensing (e.g., the sensing of reactive oxygen species, metal ions, pH, etc.) is important for understanding cell functioning. In the last few years, advances in nanotechnology, and in the synthesis of nanomaterials, have played a dominant role in the development of intracellular sensing. This special issue welcomes papers that deal with all sensing techniques, such as fluorescent nanoparticles (NPs), semiconductor NPs, metal NPs, and polymer NPs, as well as all types of nanowire and nanotube based-sensors, MEMS probes, etc. Besides manuscripts dealing with the sensors themselves, and what they can sense, manuscripts on sensor biocompatibility and cytotoxicity are also welcome.

Guest Editor

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Deadline for manuscript submissions

closed (31 March 2015)



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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.

Editor-in-Chief

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