

Special Issue

Molecular Sensing, Communications and Processing

Message from the Guest Editor

ICT technologies that operate at microscopic scales have recently had a strong boost in the biological field. Research activities are aimed at collecting data representing the state of biological systems, codifying it adequately, and using the information of interest to modulate molecular signals. The systems under study can either be inspired by biological processes in living bodies, such as molecular pathways in cells and information transport through blood vessels, or be synthetic. All together, they are contributing to the birth of the Internet of bio-nano things (IoBNT) concept. This Special Issue intends to collect contributions in the following areas:

- Data collection through biosensors and ingestion in molecular communication systems;
- Sensing and data processing using omics technologies;
- Data storage in bio-compatible environments;
- Molecular transmission systems and interworking;
- Applications of molecular communications.

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.

Editor-in-Chief

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