Molecular Sensing, Communications and Processing

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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.

Special Issue

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Message from the Editor-in-Chief

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