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## Advanced Spectroscopy, Imaging and Sensing in Biomedicine

Guest Editors:

**Dr. Anna Chiara De Luca**

Institute of Biochemistry and Cell Biology - National Research Council of Italy, Via Pietro Castellino n.111, 80131 Napoli, Italy

**Dr. Stefano Managò**

Biophotonics and Advanced Microscopies Lab, Institute of Protein Biochemistry-IBP, National Research Council (CNR), Via Pietro Castellino n.111, 80131 Napoli, Italy

**Dr. Ilaria Rea**

Institute of Applied Sciences and Intelligent Systems (ISASI), National Research Council, 80131 Napoli, Italy

Deadline for manuscript submissions:

**closed (15 June 2020)**

### Message from the Guest Editors

Dear Colleagues,

Now, and in the future, spectroscopy and photonics will be a strong key enabler for many techniques that can be exploited for high-resolution bioimaging and biosensing at cellular, intracellular and bulk tissue levels. This SI intends to capitalize on the recent progress in advanced spectroscopy, imaging, and sensing for the investigation of biological systems. Fluorescence microscopy, Raman/SERS imaging, and single molecule microscopy are but a few of the advanced photonic techniques emerging as powerful tools to study the response of biosystems at the level of single cells, or even single molecules, because they are non-invasive, offer high detection sensitivity, and allow functional imaging at micro- or nano-scale resolution.

To promote the latest advances in exploring spectroscopic/imaging approaches for the identification, understanding, and treatment of diseases, from the cellular/molecular level to macroscopic applications, we invite the submission of original research or review articles to this SI.

Dr. Anna Chiara De Luca

Dr. Stefano Managò

Dr. Ilaria Rea

*Guest Editors*



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**Special** Issue



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### **Prof. Dr. Vittorio M. N. Passaro**

Dipartimento di Ingegneria  
Elettrica e dell'Informazione  
(Department of Electrical and  
Information Engineering),  
Politecnico di Bari, Via Edoardo  
Orabona n. 4, 70125 Bari, Italy

## Message from the Editor-in-Chief

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*Sensors* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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