

## Special Issue

# Design, Synthesis and Application of Multi-Functional Fluorescent Probes for Bioimaging

### Message from the Guest Editor

Cancers are a major cause of death and burden on public healthcare. Understanding the pharmacological mechanisms of candidate drugs is central to translational research. Since many molecular events are implicated in cancers, novel methods are needed to accelerate drug discovery. Real-time imaging of molecular events has gained attention for providing insights into disease pathogenesis. This Special Issue, “Design, Synthesis and Application of Multi-Functional Fluorescent Probes for Bioimaging,” highlights recent advances in chemical probes for imaging pathological events to study pharmacodynamics and toxicity. Fluorescent imaging is now essential in biological research. Interdisciplinary collaboration is crucial to refine functional probes for diagnostic and therapeutic use. We invite submissions from biology, chemistry, medicine, engineering, and related fields focusing on: (1) Fluorescent probes for sensitive biosensing. (2) Probes to evaluate intracellular signaling. (3) Pathology and toxicology of molecular events. (4) Probes for detecting events in pathology and toxicology. (5) Probes related to cell damage.

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### Guest Editor

Prof. Dr. Lijuan Wang  
School of Chemistry and Chemical Engineering, Southeast University,  
Nanjing 211189, China

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### Deadline for manuscript submissions

closed (5 December 2025)



## Sensors

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*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro  
Department of Electrical and Information Engineering, Politecnico di Bari, Via Orabona 4, 70126 Bari, Italy

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