

Advances in Fluorescent Probe Biosensing

Guest Editors:

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Deadline for manuscript
submissions:

closed (30 November 2023)

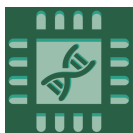
Message from the Guest Editors

Dear Colleagues,

The fluorescence method based on high-performance fluorescent probes is one of the most informative and sensitive analytical techniques for bioanalysis. Designing fluorescent molecules with structural diversity for different biosensing needs is known as the most creative activity in the field of fluorescent probes. The interaction between the fluorescent probes and analytes is studied by computer simulation and other techniques, so as to clarify the fluorescence sensing mechanism. Therefore, this special issue "Progress in Fluorescent Probe Biosensing" focuses on the research progress of fluorescent materials with suitable temperature, good stability, high optical efficiency and good biocompatibility. Based on this, advanced ideas for bioanalysis, such as sensor arrays, visualization devices, etc., will be explored, and real-time noninvasive bioimaging strategies will be developed.

We invite submissions of research that will help advance the field of advanced fluorescent probes design technologies and their application in biosensing.





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Editor-in-Chief

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Message from the Editor-in-Chief

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