



Fluorescent Materials with Excellent Biocompatibility and Their Application in Bio-Sensing, Bio-Imaging

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Message from the Guest Editors

Fluorescent material is an extensively studied issue in the bio-field because it is easy to functionalize and tune fluorescence color. To advance the use of fluorescent materials in the bio-field, the development of biocompatible fluorescent materials (BFM) has become increasingly relevant. The intention of this research topic is to describe the biocompatible fluorescent materials (BFM), the recent breakthroughs in this field, and their application in the bio-field.

Our attention will be focused on: (i) the preparation of biocompatible fluorescent materials (BFM), including material synthesis and purification and photo physical chemical properties; (ii) the fabrication of novel fluorescent detection devices for bio-objects; and (iii) applications in bio-field, bio-sensing, bio-tracing, bio-imaging and diseases diagnosis and therapy, etc. We hope that this research topic will attract the attention of academic and industrial researchers who are interested in the development of biocompatible fluorescent materials (BFM) and their biological applications.





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Message from the Editor-in-Chief

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