

Special Issue

Fluorescence Imaging and Analysis of Cellular System

Message from the Guest Editor

Understanding the complicated cellular and molecular processing inside a living cell is crucial for the precise deciphering of the intricate network of information that drives the biology of a living system. Cellular fluorescence imaging emerged as a tool that enables the integration of biological complexity into drug discovery by unravelling the mystery of the live cell. The most widely applied technique for the cellular imaging of live cells is the use of fluorescent proteins (FPs) to light up cellular structures such as organelles or biomolecules.

This Special Issue of Journal of Imaging aims to feature reports of new developments in live cell fluorescence imaging systems/methods to accomplish bio-orthogonal labelling and imaging by using chemical probes such as organic fluorophores, FPs, nanoprobe, and quantum dots.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

The imaging term, specific with journal, is to be considered in its broadest sense. Image processing, image understanding and computer vision are all terms related to imaging acquisition, its processing and the extraction of relevant information from the scene to obtain the underlying knowledge. All tasks related to the above items are oriented toward specific applications in a broad range of areas and topics. The *Journal of Imaging* is conceived as an efficient vehicle in the scientific community for the communication and transmission of the progress and research results in the topics covered.

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