



Recent Progresses in Cell Imaging: Current State-of-the-Art and Perspectives

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Message from the Guest Editors

Advances in medicine and life sciences would not be possible without the development of numerous microscopic techniques. Understanding living systems, especially interactions between cells and between cells and their microenvironment, is crucial in the treatment of many diseases, including cancer. In this Special Issue, we focus on the current state of the art and perspectives in microscopic techniques. Three-dimensional and living cells imaging and X-ray-based microscopies as well as confocal microscopy and super resolution techniques and others are welcome. In this Special Issue, all types of contributions, including research papers and review papers, are expected. The topics include but are not limited to the following:

- live cell imaging
- 3D imaging
- cellular interaction
- ECM
- cancer cells
- soft X-ray contact microscopy
- X-ray-based microscopy
- confocal microscopy
- super resolution microscopy
- atomic force microscopy





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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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