

Special Issue

Novel Approaches of Digital Holographic Microscopy in Cell Biology

Message from the Guest Editors

Cell culture as a method has developed into studying undisturbed cells in an environment as close as possible to the natural. Digital holographic microscopy is well suited for this task, as it causes no phototoxicity and the monitoring does not affect the cells. Even though the use of digital holographic microscopy in cell biology is well established by now, the development of new applications is frequent. This special issue is intended to collect and promote novel ways to apply digital holographic microscopy to study cells, and to show the wide spectrum of the technique and the possible applications. Our aim is to provide cell biology researchers with insight into a cell friendly, versatile method with high future potential within life science and medicine.

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Deadline for manuscript submissions

closed (20 March 2024)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/171087

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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.

Editor-in-Chief

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