

Special Issue

Recent Developments and Emerging Trends in Cytoskeletal and Cell Cycle Proteins

Message from the Guest Editors

Since the cytoskeleton is an essential cellular component involved in virtually all cellular processes. In recent years, cytoskeletal research has revolutionized cell biology and biomedicine. It is clear that continued efforts in investigating these aspects of cell biology will further transform our understanding of diseases associated with cell cycle and cytoskeleton dysfunction.

This Special Issue is therefore devoted to presenting new trends in cytoskeletal and cell cycle research that specifically go beyond the traditional approach of the identification of new proteins and their functions, but also defining how these proteins interact and interfere with signalling pathways. This issue is also focused on basic studies of the alternative functions of cytoskeletal and cell cycle proteins in health and disease. Finally, presentations of new therapeutic agents, especially those originating from natural plant products, that act on these cellular targets are also highly welcome.

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Deadline for manuscript submissions

closed (20 November 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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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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