



Advances in Space Biology: Cell Behavior in Microgravity

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Message from the Guest Editors

Dear Colleagues,

Nowadays, Space Biology has become a highly topical scientific field that has increasingly earned the interest of the Scientific Community.

This Special Issue, "Advances in space biology: cell behavior in microgravity", has the goal to describe how Space Biology has modified our perception of cell biology. In particular, it aims to: a) focus on the most recent discoveries on microgravity-induced cell responses and highlight the different mechanisms and biological strategies by which cells (derived from all kingdoms of life) adapt/react to the space environment; b) define the molecular and cellular mechanisms induced by microgravity and develop possible protection strategies; c) finally, discuss the experimental assessment of the effects of real and simulated microgravity in order to delineate the positive and negative aspects of the chosen approaches and facilitate the interpretation of the results obtained.

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Guest Editors





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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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