



New Insights on the Regulation of the Cell Plasticity

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Message from the Guest Editors

Dear Colleagues,

Cell plasticity describes the ability of cells to reversibly change their phenotype. Processes such as epithelial-to-mesenchymal transition (EMT) enhance cellular plasticity in response to signals from the microenvironment. In development, this plasticity is essential for the proper formation of organs, whereas tumor cells hijack components of this machinery to survive hostile microenvironments and to undergo the cellular changes needed for migration, metastasis, and chemoresistance. Therefore, a deeper understanding of the regulatory mechanisms governing these changes may lead to both an improved conceptualization of cell biology as well as therapeutic strategies.

This Special Issue aims to highlight the different layers of cell plasticity regulation. We encourage all researchers to present research tools, articles, and up-to-date reviews focusing on the regulation of cell state. The regulation mechanism includes metabolic processes, signal transduction, and any other cellular processes. We look forward to reading your contributions.

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