

Special Issue

Tumor Microenvironment and Actin Cytoskeleton in Cancer Cell Metastasis

Message from the Guest Editors

Most cancer-related deaths are not due to the primary tumor but, rather, due to the dissemination of cancer cells to other sites of the body through a process known as metastasis. For metastasis to take place, cells need to properly regulate their adhesion both to the extracellular matrix and the neighboring cells, as well as to coordinate actin cytoskeleton dynamics, to be able to finally detach from the original tumor mass, migrate, and invade through adjacent normal tissue to eventually reach another environment and establish a new metastatic colony there. Despite active research efforts in the field, there are still questions to be answered in order to better understand the cellular and molecular mechanisms governing cancer cell metastasis and the involvement of actin-related proteins in the process. This Special Issue of IJMS will cover a variety of topics with regard to the involvement of tumor microenvironment and actin cytoskeleton in cancer cell metastasis.

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