

Special Issue

Drug and Gene Delivery Nanoformulations against Cancer Hallmarks

Message from the Guest Editors

In 2000, Hanahan and Weinberg proposed a list of six advantageous and complementary biological capabilities that enable tumour growth, survival, and metastatic dissemination, the so-called hallmarks of cancer, with the aim to reduce the intricacy of cancer biology. Such list included sustained proliferative signalling, insensitivity to growth suppressors, cell death resistance, replicative immortality, sustained angiogenesis, and tissue invasion and metastasis. Years later, they added typical cancer features to the list, such as altered energy metabolism and immune surveillance evasion. The definition of cancer hallmarks has encouraged the development of specific therapeutic approaches directed to their inhibition, which is expected to slow down/prevent cancer growth.

This Special Issue aims to bring together recently developed therapeutic strategies based on drug/gene nanocarriers targeted to obstacle tumour progression acting on one or multiple hallmarks. We invite reviews or articles on all aspects of “Drug and Gene Delivery Nanoformulations against Cancer Hallmarks”.

Guest Editors

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Deadline for manuscript submissions

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