Special Issue

Chemotherapy and Metastasis: New Insights in Genitourinary Cancers

Message from the Guest Editors

Recent studies have shown that chemotherapy can also increase the capability of cancer cells to escape from death and migrate to a distant site to form a metastasis. In addition, epidemiological studies show that the increase in incidence and mortality rate of certain genitourinary cancers are linked to racial health disparities. Certain racial populations develop more advanced and aggressive forms of cancers, specifically men as it relates to prostate cancer. The major challenge in treating patients with advanced disease is therapeutic resistance to the current therapies, including chemotherapy. Overriding this resistance requires an understanding of the driving mechanisms of the tumor microenvironment and the molecular differences that play a role in cancer health disparities. For these reasons, we are interested in a more detailed understanding of how chemotherapeutic drugs can induce an increase in metastasis formation and if helth disparities can play a role in these events, especially in genitourinary cancers.

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