Special Issue

Study on "Stemness" of Cancer Cells and Main Cause of Cancer Relapse after Standard Therapy

Message from the Guest Editor

One of the leading causes of cancer death is relapse after standard therapy. For cancer cells to relapse after standard therapy, therapy-resistant cancer cells must migrate to the recurrence site and proliferate. In this process, cancer cells must survive in adhesion-independent situations, such as circulating tumor cells, and remain resistant to standard therapy. Increasing evidence suggests that not all cells in a heterogenous cancer cell population have the same capacity for it, but certain cells have a higher capacity for it. And, the certain cells that have higher capacity for relapse after standard therapy are often described as having more stem cell-like characteristics, stemness. In this special issue, we will address studies that ultimately aim to control the process of cancer relapse after standard therapy. Original manuscripts and reviews covering the molecular mechanisms of this process, new molecular targets, or new strategies to control this process are welcome. Original manuscripts and reviews dealing with regulation of cancer stemness and studies that can control the survival of circulating tumor cells are also welcome.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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