

## Special Issue

# Tumor Stem Cells: Immune Microenvironment and Metabolic Regulation

### Message from the Guest Editors

Tumor is a serious disease whose development is associated with uncontrolled cell proliferation and differentiation. Tumor stem cells (TSCs) are a type of cells capable of self-renewal and differentiation into tumor cells, and are key factors in tumor development. Studies have shown that TSCs are resistant to chemotherapy and radiotherapy, so the study of TSCs is of great significance.

Both the immune microenvironmental and the metabolic regulation of TSCs play important roles in the development and progression of TSCs. This special issue will focus on the metabolic regulation of TSCs and its interaction with the immune microenvironment.

The metabolic characteristics of TSCs are regulated by many factors, including the oxygen level in the tumor microenvironment, the supply of nutrients, the activation of signaling pathways and oncogenetic factors. It is of great theoretical and practical value to study the metabolic and immune regulation of TSCs.

### Guest Editors

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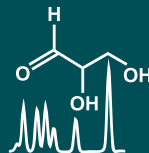
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### Deadline for manuscript submissions

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## About the Journal

### Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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### Editor-in-Chief

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