



Mechanisms of Immunosuppression in Cancer

Guest Editor:

Dr. Shweta Joshi

Department of Pediatrics, Moores
Cancer Center, University of
California, San Diego, CA, USA

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Message from the Guest Editor

Tumor-induced immunosuppression hampers and modulates the activity of cytotoxic T cells and NK cells through the secretion of various cytokines and metabolites, and recruitment of immunosuppressive cells such as myeloid-derived suppressor cells, tumor-associated macrophages, regulatory T cells, and regulatory B cells. Hence, it is crucial to understand various tumor-induced immunosuppressive mechanisms to design and develop effective novel immunotherapies and to refine approaches to improve currently available immunotherapies.

This Special Issue invites original research articles and review articles to address the mechanisms of tumor-induced immunosuppression, major impediments for effective antitumor immunity, and approaches to convert 'cold tumors' into 'hot tumors', which are focused on but not limited to the reprogramming of immune cells, novel immune checkpoints, normalizing tumor vasculature, cytokine modulation, metabolic intervention, targeting exosomes, and strategies to block the infiltration of immunosuppressive cells in the tumor bed.





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Prof. Dr. Samuel C. Mok

Department of Gynecologic
Oncology and Reproductive
Medicine, The University of Texas
MD Anderson Cancer Center,
Houston, TX 77030, USA

Message from the Editor-in-Chief

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Cancers Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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