

Special Issue

Cancer Immunotherapy Using Checkpoint Inhibitors: Future Directions 3.0

Message from the Guest Editor

Immune checkpoints are regulators of the immune system. Checkpoint inhibitor monoclonal antibodies that block CTLA-4 or PD1/PD-L1 have been approved for the treatment of several cancers including melanoma, bladder, and lung cancer. Despite increases in overall survival, not all patients respond to treatment. Approaches to increase survival include the use of new checkpoint inhibitors to regulate T cell responses and other immune effectors, identification of predictive biomarkers, modulators of the immune response, and the use of combination immunotherapies and therapies. This Special Issue will incorporate, but is not limited to, the following sub-topics: Novel checkpoints and inhibitors; Immune checkpoint activators; Immune regulation; Biomarkers predictive of response; Immunomodulatory agents including cytokines; Targeting of innate immunity; Adaptive immunity; Neoantigen targeted therapies; T cell exhaustion; Targeting of immunosuppressive cells; Mechanisms of tumor immune cell evasion; Modulation of the immunosuppressive tumor microenvironment; Targeting Wnt ligand signaling

Guest Editor

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