

Immuno-oncology

Wide range of immune-oncology services to
accelerate immune therapy research

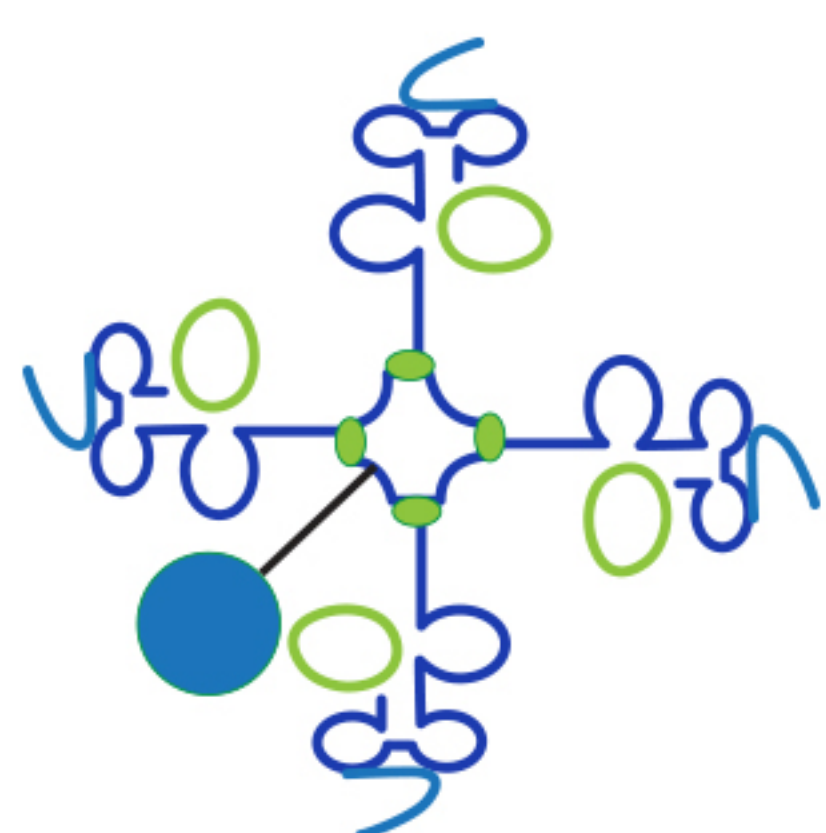
Tools and Reagent | Assays | Drug Modalities

Immuno-oncology services

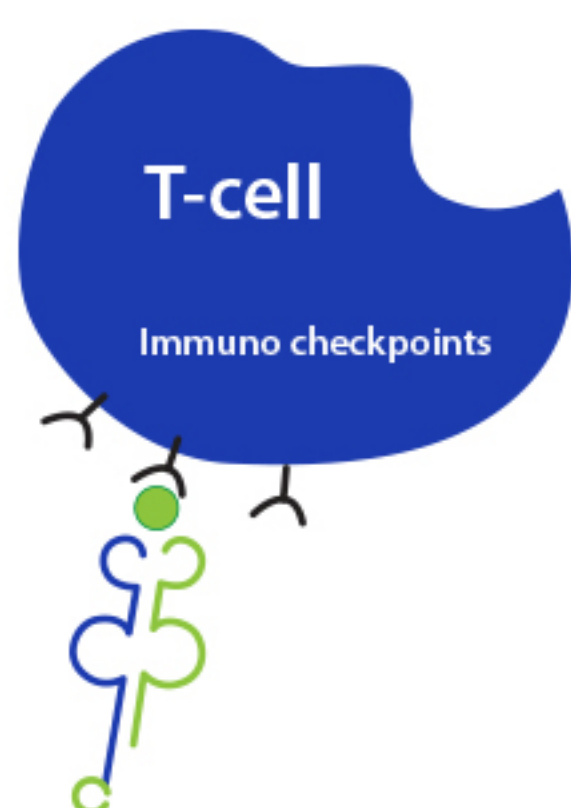


Why Aurigene Services?

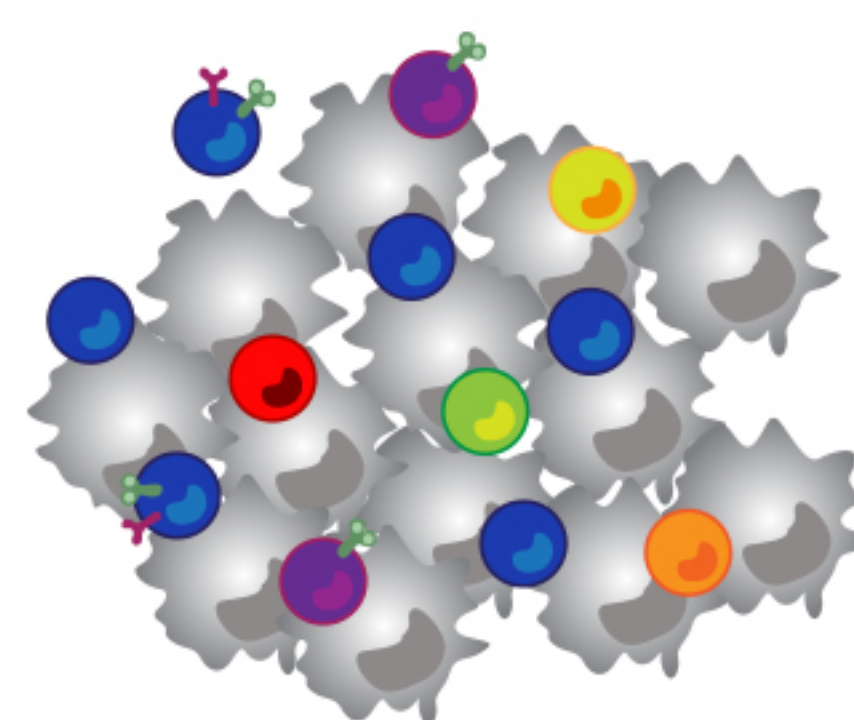
Strong capabilities in MHC tetramer generation



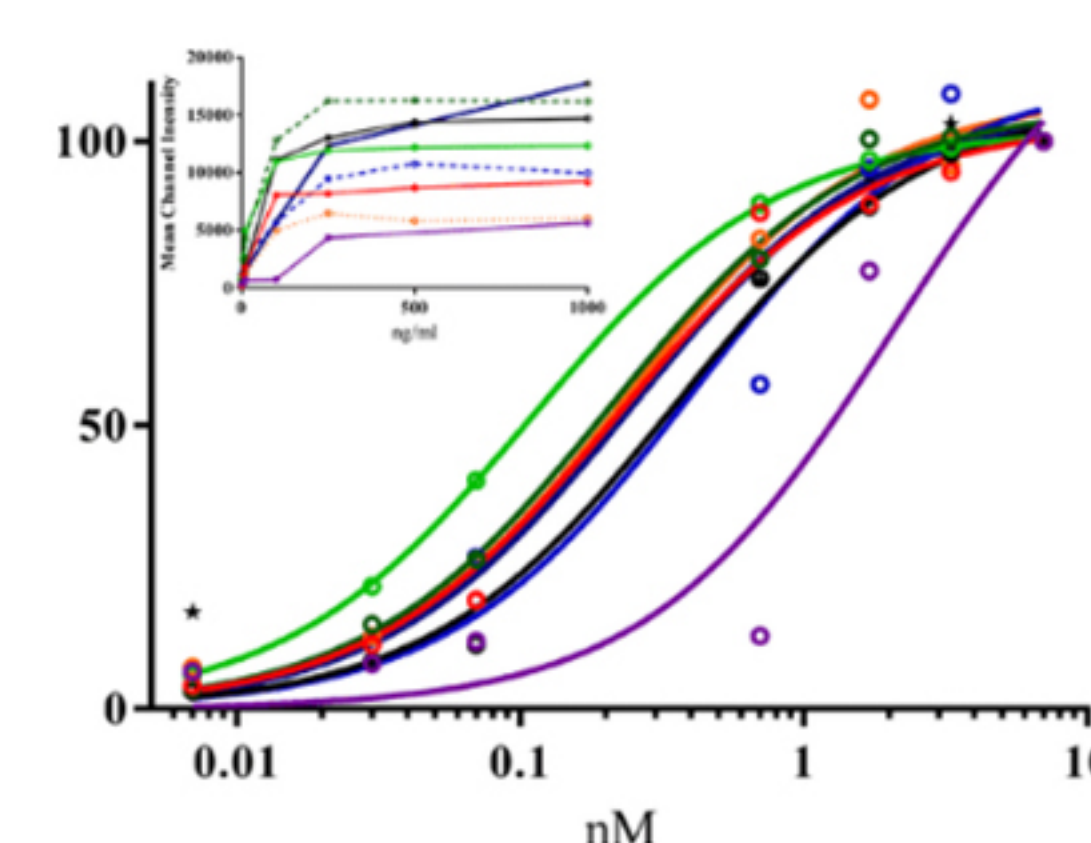
Neo-antigen specific T cells isolation, sequencing, and culturing



Tumor infiltrating lymphocytes (TIL) phenotyping and assays



Co-culture assay/Binding affinity assay



Immune cell isolation/purification/enrichment

Immune cell purification from freshly isolated PBMCs, subsets enrichment and culturing (CD4, CD8, Th1, Th2, Th17, $\gamma\delta$ T, Tregs, NKT, NK, M1/M2, DC, TIL, monocytes and granulocytes.), Co-culture assay (Effector and Target cells), Binding Affinity assay

T-cells assays

Proliferation | Cytokine release/response | Activation/Exhaustion | Chemotaxis | Cytotoxicity

NK cell assays

Phenotyping | Proliferation | Cytokine release/response | Cytotoxicity

Macrophage cell assays

Differentiation | Polarization | TAM | Phagocytosis

Dendritic cell assays

Differentiation | Activation | APC function | TLR driven stimulation

Neo-antigen specific T-cells

T-cells isolation using MHC tetramer | Transgenic TCR

Other assays

2D /3D co-culture | ADCC | ADCP | CDC | Treg immune suppression