

# Immuno-oncology

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

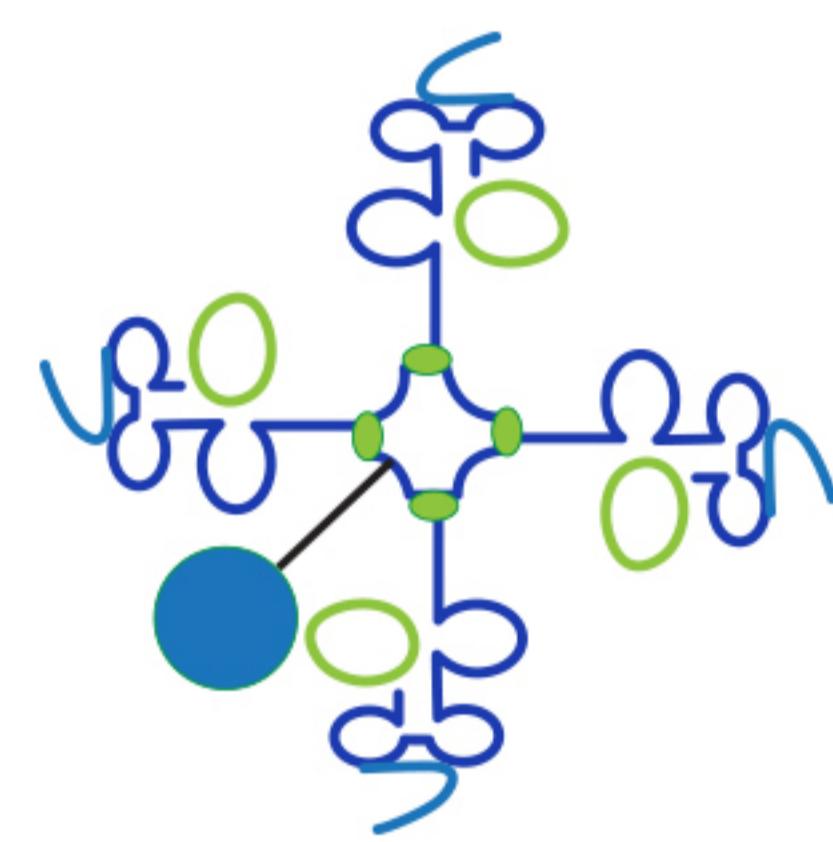
Tools and Reagent | Assays | Drug Modalities

# Immuno-oncology services

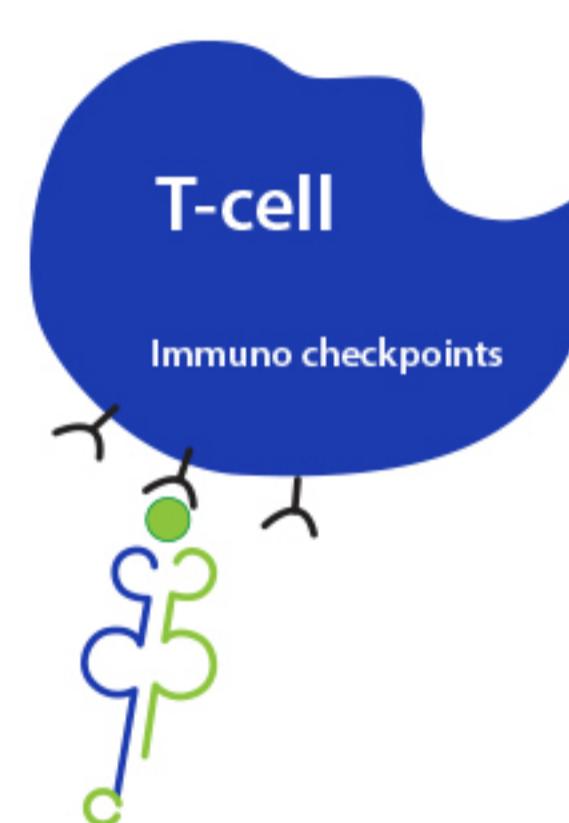


## Why Aurigene Services?

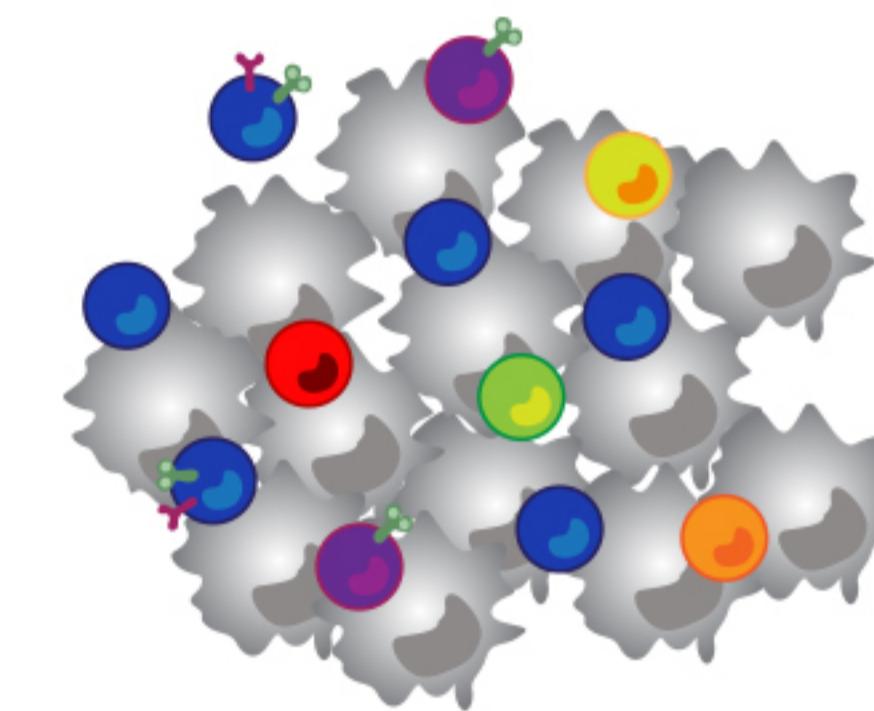
**Strong capabilities in MHC tetramer generation**



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



**Tumor infiltrating lymphocytes (TIL) phenotyping and assays**



### 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.)

### 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 | TCR sequencing | Transgenic TCR

### Other assays

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