

3. Priming & Activation

- + CD28/B7.1
- + CD137/CD137
- + OX40/OX40L
- + CD27/CD70
- + HVEM
- + IL-2
- + IL-12
- + GITR
- CTLA4/B7.1
- PD-L1/PD-1
- PD-L1/B7.1
- prostaglandins

2. Cancer Antigen Presentation

- + TNF- α
- + IL-1
- + IFN- α
- + CD40L/CD40
- + CDN
- + ATP
- + HMGB1
- + TLR
- IL-10
- IL-4
- IL-13

1. Release of Cancer Cell Antigens

- + Immunogenic cell death
- Tolerogenic cell death

4. Migration of T Cells

- + CX3CL1
- + CXCL9
- + CXCL10
- + CCL5

5. Infiltration of T Cell into Tumors

- + LFA1/ICAM1
- + Selectins
- VEGF
- Endothelin B receptor

6. Cancer Cell Recognition

- + T-cell receptor
- Reduced pMHC on cancer cells

7. Lysis of Cancer Cells

- + IFN- γ
- + T-cell granule content
- PD-L1/PD-1
- PD-L1/B7.1
- IDO
- TGF- β
- BTLA
- VISTA
- LAG-3
- Arginase
- MICA/MICB
- B7-H4
- TIMM-3/phospholipids

