Dying cells

Macrophage

CD8α

α

DC

DNA

Cell fragments

Residual DC/Macrophages

secretion of chemokines

VCAM/ ICAM+

endothelium

Homing of activated CD8+ T cells and Th1-polarized CD4+ T cells to the tumor (CXCR3+)

Clonal expansion of CD8+ and CD4+ T cells (Th1)

B7.1/B7.2 costimulation by DC

Secretion of IL-12 and IFN-α/β

AG cross-presentation by CD8α DC

TAA on MHCI and MHCII

DANGER SIGNALS

INDUCTION PHASE

Dying cells

DNA

Cell fragments

Residual DC/Macrophages

secretion of chemokines

CXCL9/CXCL10

MIGRATION towards TdLN

Regulatory T cell (Treg)

Anergized T cell

Tumor cell

Stromal cell

Macrophages, Myeloid-derived suppressor cells (MDSC)

Cytokines and chemokines

Blood vessels

VCAM, ICAM