

Dietary excess
Pro-atherogenic high fat high cholesterol diet (HFHCD)

Systemic low-grade inflammation

Myeloipoiesis

Ly-6C^{hi} monocytosis

Migration to inflamed tissues

MDSCs

Immunosuppression

Angiogenesis

Tumor development

IL-1 β inhibition

VEGF-A inhibition

Metabolic inflammation in « healthy-like » individuals

Macroenvironment favorable for CVDs

Microenvironment favorable for tumor growth