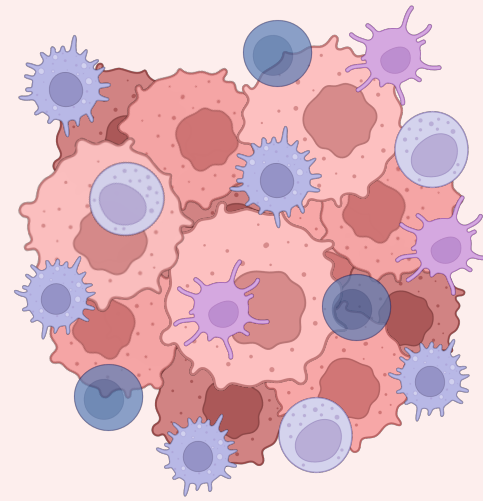
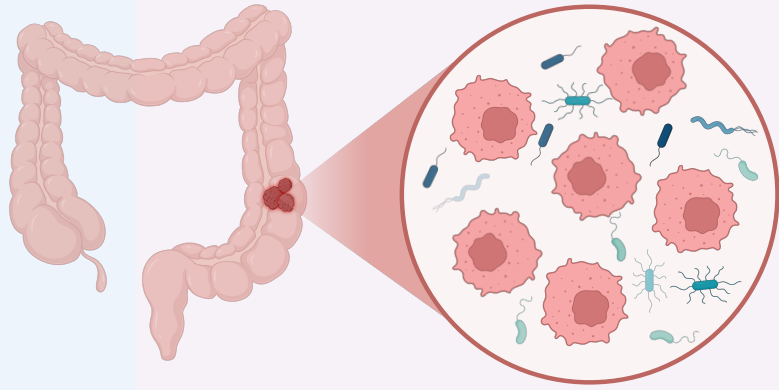
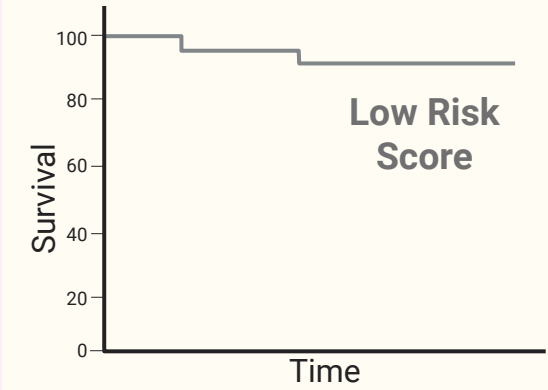
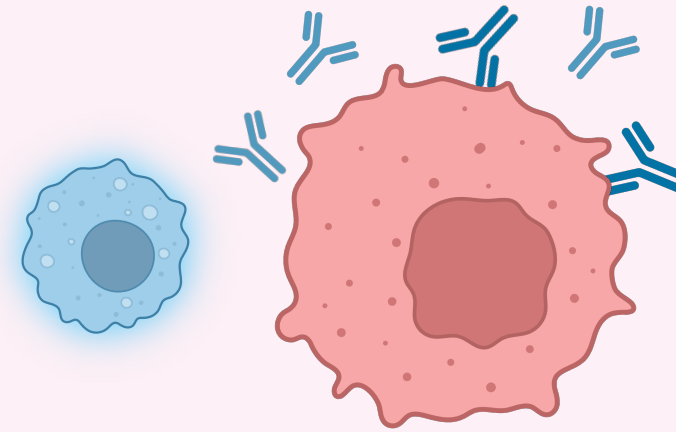


HLA-B27+



Enhanced response



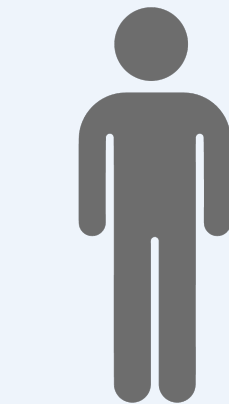
Patients

Tumor
microbiome

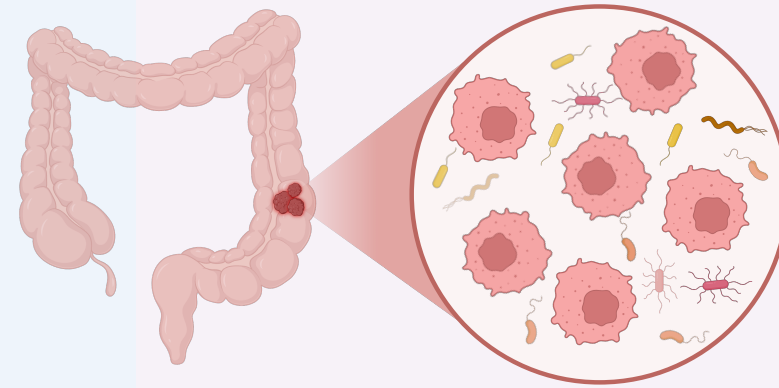
Tumor
microenvironment

Immunotherapy
response

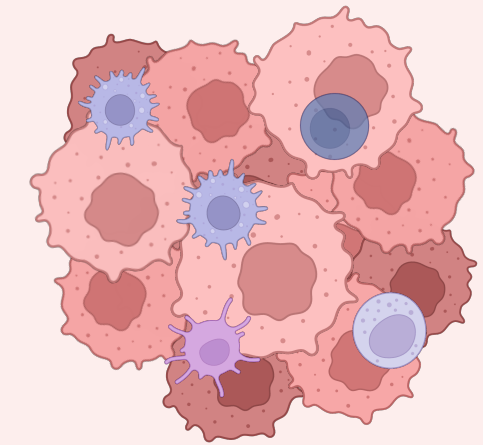
Outcomes



HLA-B27-

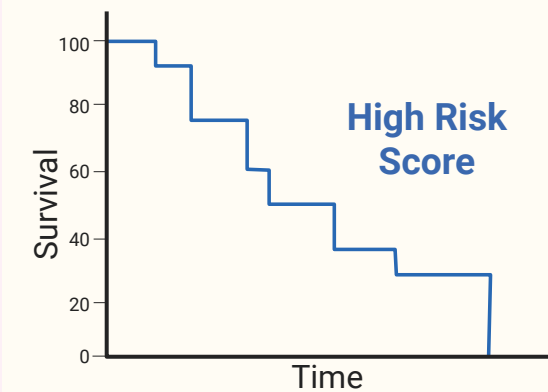
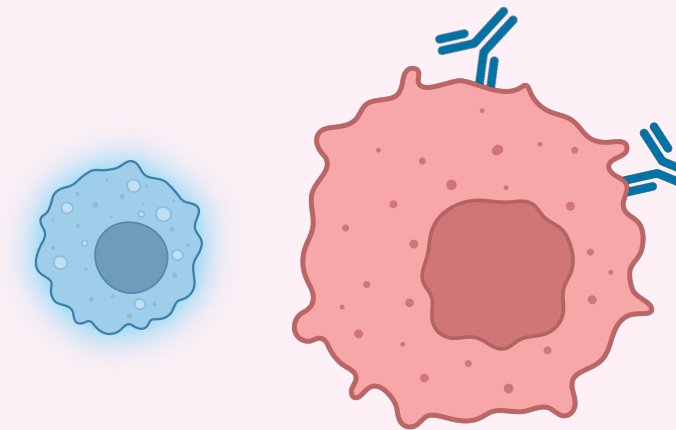


Distinct tumor microbiomes



Modulated tumor immune
microenvironment

Reduced response



Better treatment
outcomes in HLA-B27+
patients