

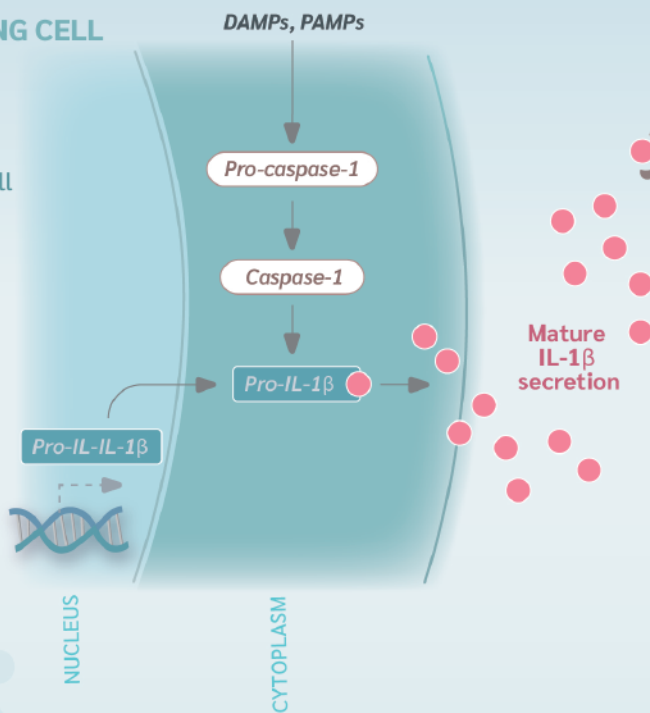
A SPY: IL-1 β INDUCES ACUTE INFLAMMATION TO KILL THE CANCER CELLS

What's IL-1 β ?

IL-1 β 's impact on tumor growth and inflammation is not straightforward and varies depending on the situation. Although it can promote inflammation and tumor growth in some instances, it can also have anti-tumor effects by triggering acute inflammation and activating immune cells against the tumor.

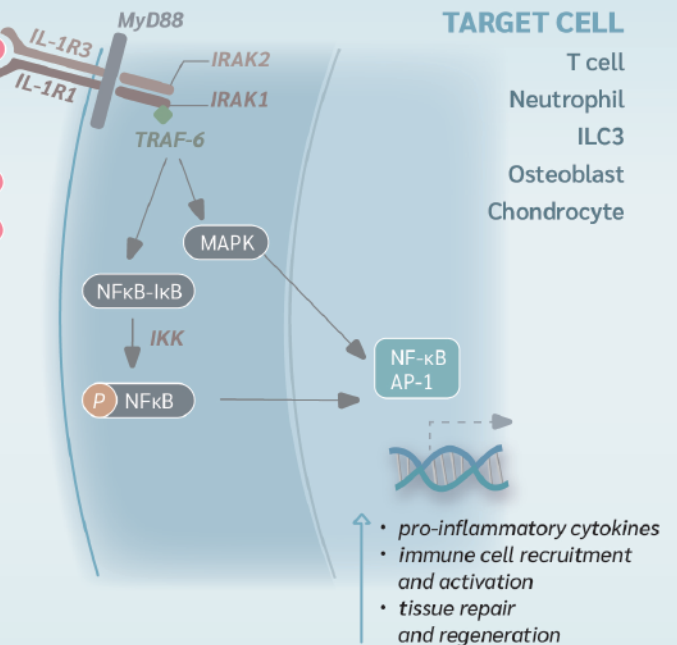
PRODUCING CELL

DC
Macrophage
T cell
Epithelial cell
Fibroblast



TARGET CELL

T cell
Neutrophil
ILC3
Osteoblast
Chondrocyte



How does IL-1 β be used in cell therapy?

Targeting IL-1 β can improve cancer treatment by enhancing Th9 cells' antitumor activity, which is crucial in inhibiting cancer growth and activating other immune cells.

