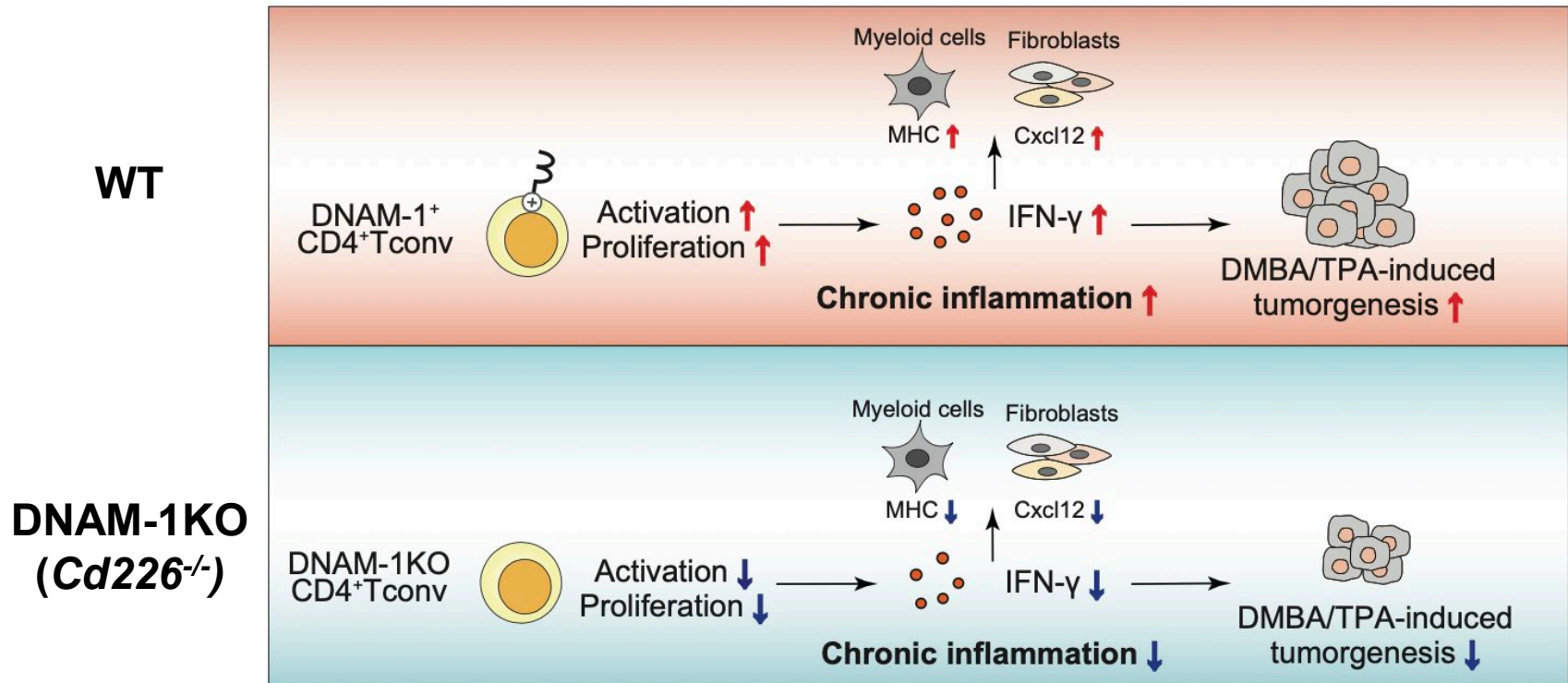


DNAM-1 promotes inflammation-driven tumor.



DNAM-1 is an activating immunoreceptor. DNAM-1-mediated signal activates CD8⁺ T cells and NK cells and augments tumor immunity. However, we show here that, in an inflammation-driven tumorigenesis model, tumor growth was suppressed in mice deficient DNAM-1 on CD4⁺ T cells. These findings suggest that, in contrast to DNAM-1 on CD8⁺ T cells and NK cells, DNAM-1 on CD4⁺ T cells contributes to tumor development under inflammatory conditions.

References: Nakamura-Shinya Y et al. *International Immunology*. October 2021,

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