

IL-6 contributes to the suppression of T and NK cell anti-tumor activity in **EGFR-mutant NSCLC**

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- EGFR tyrosine kinase inhibitors (TKIs)
- mutations such as T790M, *MET* amplification, or EMT.
- minimal.
- anti-tumor immunity in EGFR-mutant NSCLC.

and modulating their cytotoxic potential.

increased levels of IL-6



analysis of serum (E).

Disease Free (Months)

disease-free survival (D).

<u>0</u>0

independent tumors as assessed by multiplex cytokine





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Figure 5. Blockade of IL-6 in the EGFR-TKI refractory cells transduced with cells moderately increased T cell-mediated killing (A). Anti-PD-1 therapy did not significantly improve overall survival in the EGFR^{L858R} GEMM model. However, combination treatment of anti-IL-6 with significantly