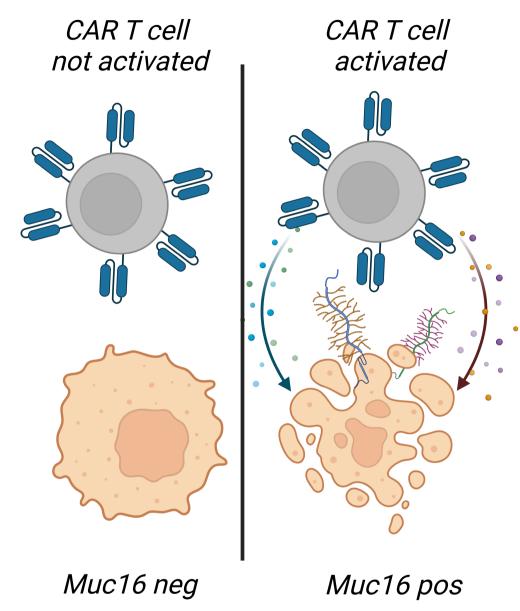
Efficient CART cell targeting of the CA125 extracellular repeat domain of MUC16 Nicholas P. Casey¹, Katrin Kleinmanns^{2, +}, Christopher Forcados^{1, +}, Pascal F. Gelebart², Sandy Joaquina¹, Martine Lode², Emmanuelle Benard¹, Fatemeh Kaveh¹, Benjamin Caulier^{1,3,4}, Christiane Helgestad Gjerde^{2,9}, Elvira Garcia de Jalón^{2,#}, David J. Warren⁵, Kristina Lindemann^{6,7}, Erik Rokkones⁶, Ben Davidson^{7,8}, Marit Renee Myhre¹, Line Bjørge^{2,9}, Emmet McCormack^{2, 10, 11}, Else Marit Inderberg¹, Sébastien Wälchli1 *



- K101 antibody derived CAR which targets the CA125 domain of MUC16 can activate T cells and trigger tumor cell killing
- Serum CA125, although recognize by K101 antibody does not activate K101CAR
- The presence of free CA125 does not shed K101CAR activity

