NextCure **A Novel LAIR-1 Antibody Selectively Targets Acute Myeloid Leukemia** (AML) Stem Cells

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progenitor cells (HSPCs; CD34⁺CD38⁻CD90⁺CD99⁻) derived from bone marrow aspirates, and leukemic blasts from the peripheral blood of AML patients.

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> end, we developed a novel immunomedicine NC525, a LAIR-1 mAb, that potently eradicates LSCs and leukemic blasts while having a minimal effect on healthy HSPCs. We show that LAIR-1 mAb exerts its anti-tumor activity via disruption of survival signals in leukemic cells and Fc-mediated effector functions including ADCC and ADCP.

