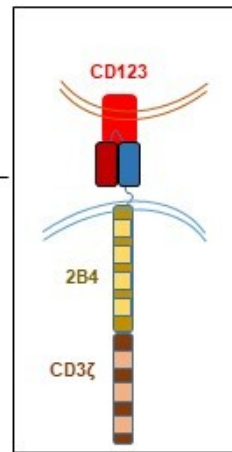
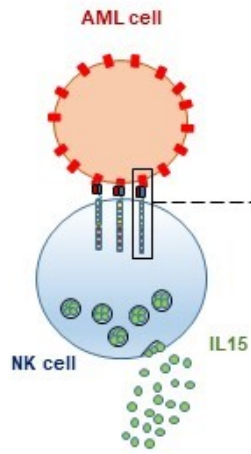


Engineering CAR-NK cells to secrete IL15 sustains their anti-AML functionality, but is associated with systemic toxicities



Authors

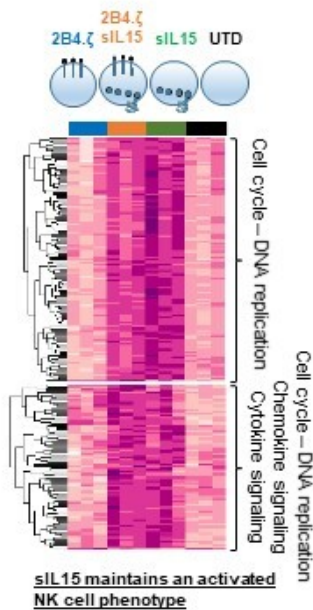
Ilias Christodoulou, Won Jin Ho, Andrew Marple, Jonas W. Ravich, Ada Tam, Ruyan Rahnama, Adam Fearnow, Cambrynne Rietberg, Sean Yanik, Elena E. Solomou, Ravi Varadhan, Michael A. Koldobskiy, Chalice L. Bonifant

Correspondence

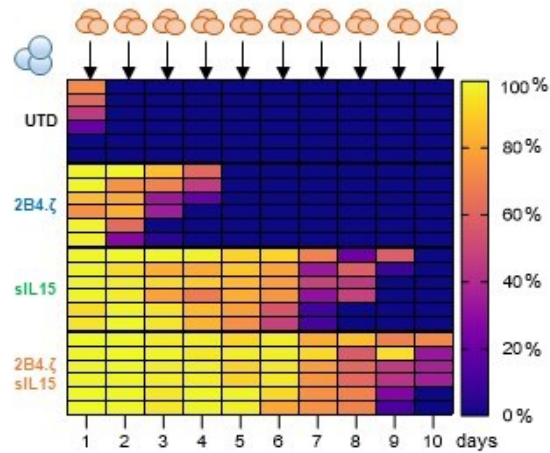
cbonifa2@jh.edu

In Brief

Secretion of IL15 from anti-CD123.2B4.CD3 ζ CAR-NK cells enhances their activation and killing potential against Acute Myelogenous Leukemia, but carries the risk of severe systemic toxicity.



Anti-CD123.2B4.CD3 ζ CAR



CAR-NK cells secreting IL15 demonstrate sustained and powerful anti-AML cytotoxicity