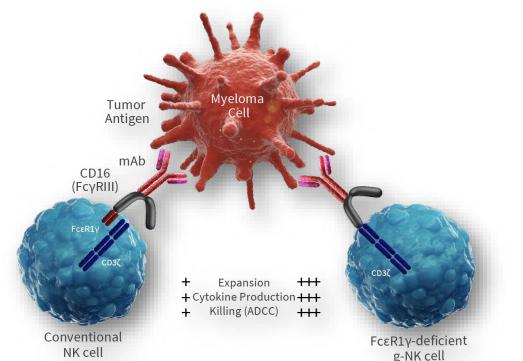




## **Cancer and Autoimmune Disease**

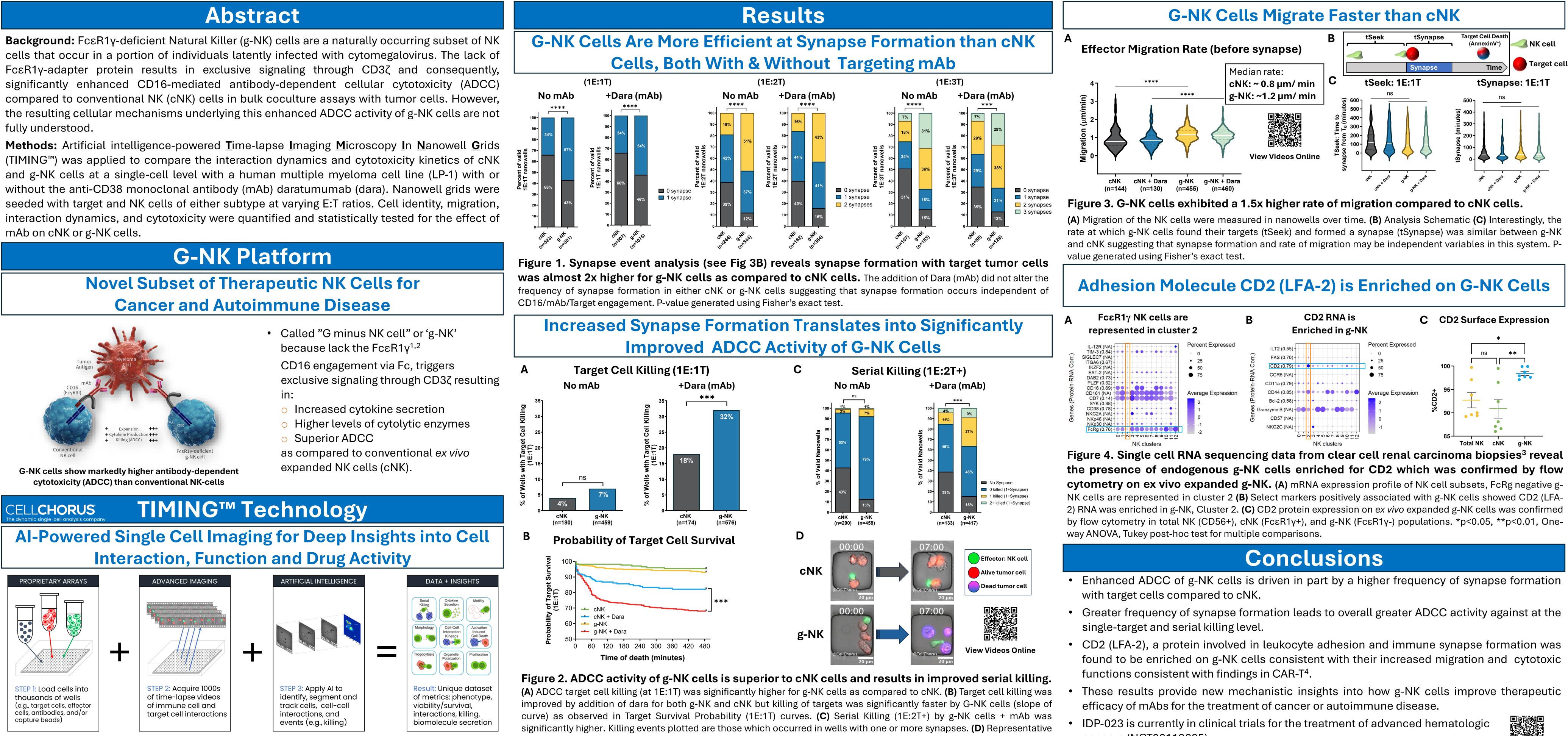


because lack the FccR1 $\gamma^{1,2}$ 

in:

cytotoxicity (ADCC) than conventional NK-cells

# **Interaction, Function and Drug Activity**

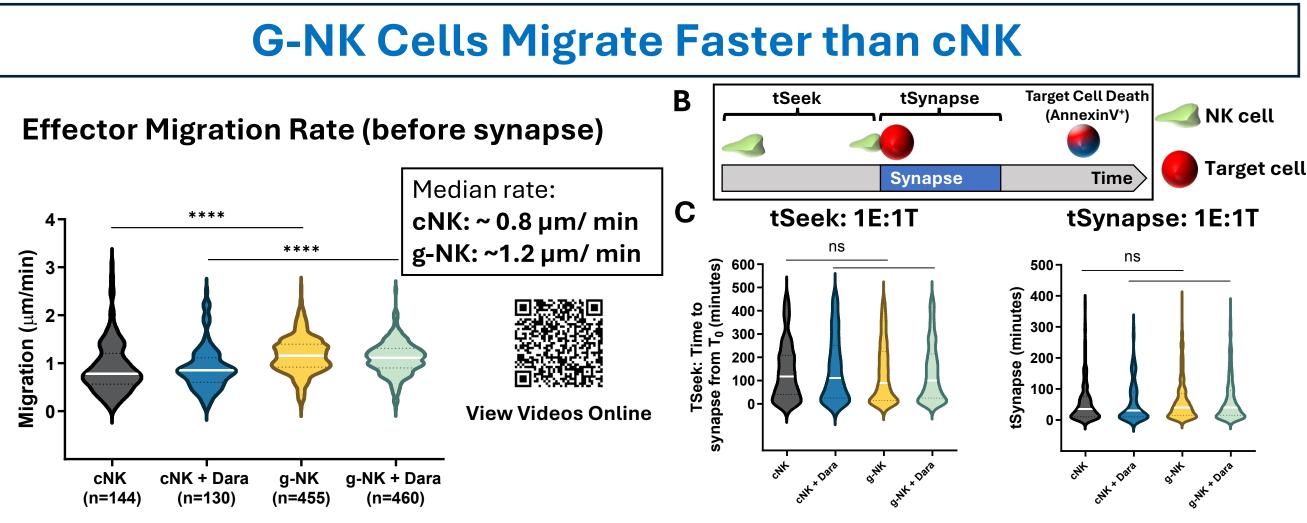


Machine learning powers thousands of microscopy experiments in parallel.

### **Artificial Intelligence-Based Dynamic Single-Cell Imaging Reveals Enhanced** Migration and Immune Synapse Formation by IDP-023, an Allogeneic G-NK Cell Product

Matthew Collinson-Pautz<sup>1</sup>, Hannah Wilson<sup>2</sup>, Mohsen Fathi<sup>2</sup>, Lyle Babcock<sup>1</sup>, Lynna Nguyen<sup>2</sup>, Chris Gracia<sup>1</sup>, Jenna Recker<sup>1</sup>, Austin B. Bigley<sup>1</sup>, Rebecca Berdeaux<sup>2</sup>, Stefanie Mandl-Cashman<sup>1</sup> <sup>1</sup>Indapta Therapeutics (Houston, TX); <sup>2</sup>Cell Chorus Inc. (Houston, TX)

Images of Nanowells. P-values determined by Fisher's exact test. P-value generated using Kaplan-Meier analysis with logrank tests (Mantel-Cox, trend, and Gehan-Breslow-Wilcoxon).



- cancers (NCT06119685).

1. Bigley, A.B., et al (2021). Blood Adv, 5(15): 3021-3031.; 2. Dahlvang JD, Dick JK, Sangala JA, et al. J Immunol. 2023;210(8):1108-1122.; 3. Obradovic, A., et al (2021). Cell, 184(11): 2988-3005.; 4. Romain G., et al. J Clin Invest. 2022;132(17)

