



Harnessing the Power of Gamma-Delta T Cells

December 2024

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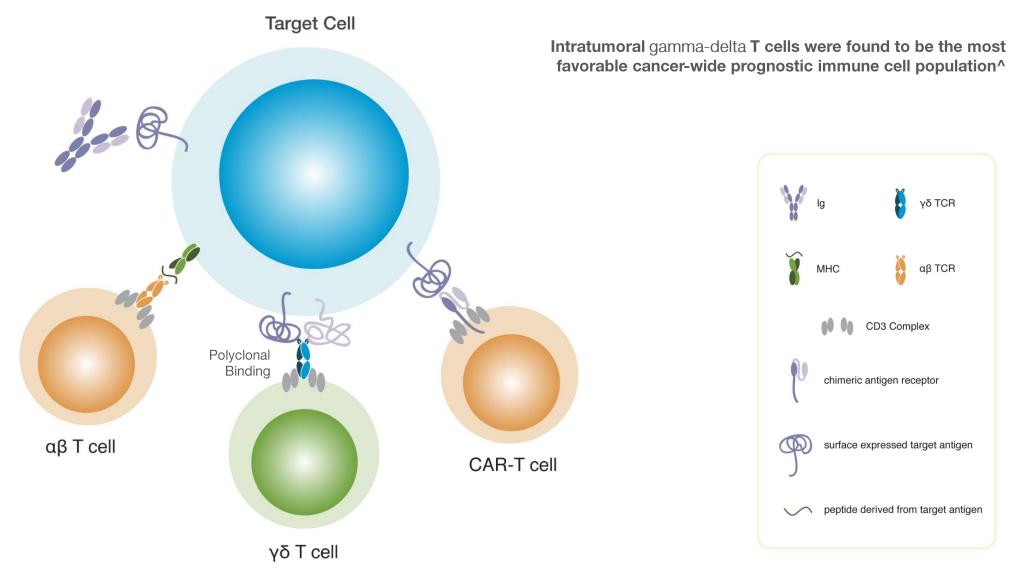
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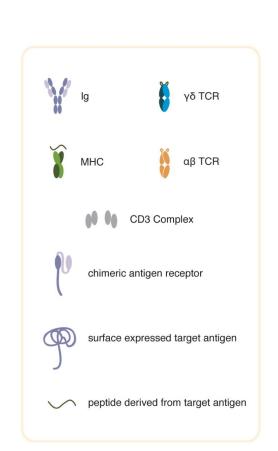


IN8bio Leading the Fight Against Cancer

- At IN8bio, our pioneering approach has achieved long-term remissions exceeding 3
 years in patients with Acute Myeloid Leukemia (AML)
- Unconventional Strategies in the "War on Cancer"
 - Harnessing the Power of Immune Cells: Our γδ T cells are a "Special Operations Force" that act as direct cancer killers while orchestrating a comprehensive immune response
 - **Precision and Safety:** These cells coordinate and direct the actions of the immune system which helps to reduce the risk of adverse events and toxicities
 - **Durable Remissions:** We have achieved multiple long-term cancer remissions for greater than 3 years against challenging cancers with significant unmet needs
 - **Strong Capabilities:** With over 30 years of expertise in $\gamma\delta$ T cell research, our team have pioneered the field with capabilities in expansion, genetic engineering and development of $\gamma\delta$ T cells including CAR-T, iPSC derived cells and now T cell engagers
- Mission Cancer Zero[™] Driven by our goal to safely eradicate residual cancer cells, we employ innovative and unconventional strategies to transform treatment outcomes. Join us in our mission to achieve Cancer Zero[™] and transform cancer care

Nature's CAR-T Cell







IN8bio Possesses a Comprehensive γδ T Cell Platform

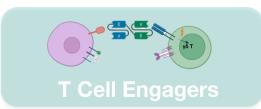
γδ T Cell Sourcing

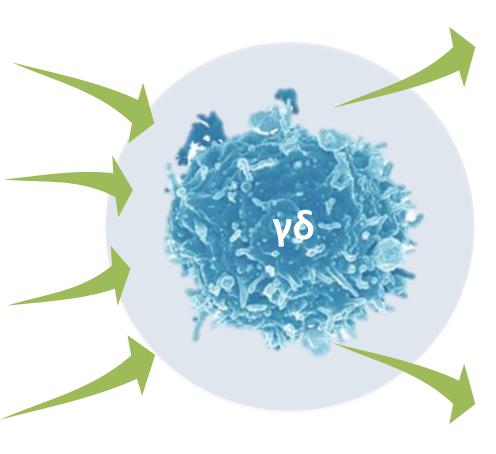
Tumor Targeting

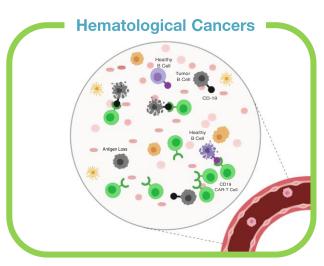


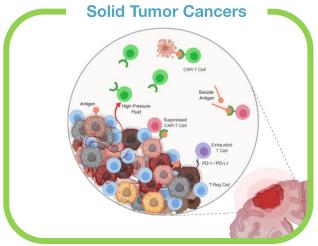






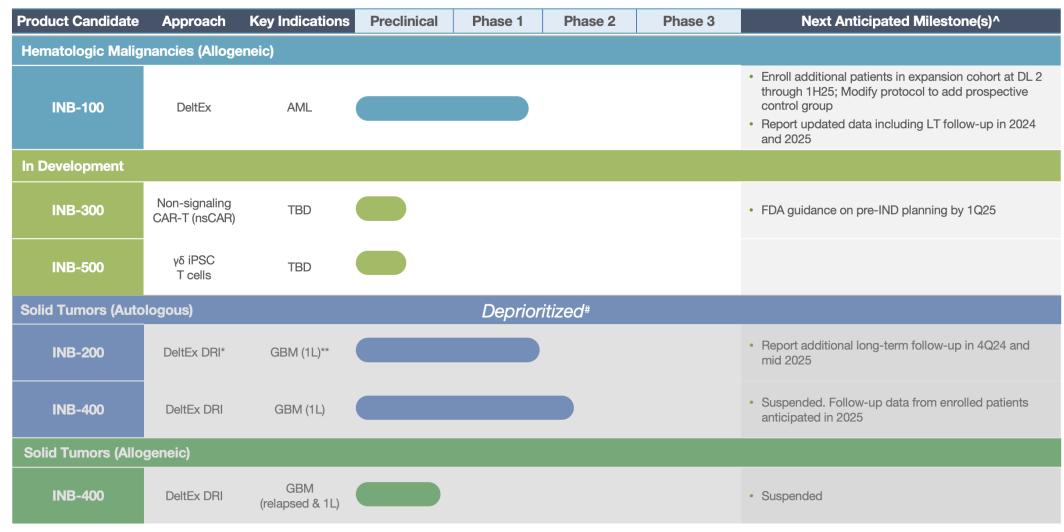








Robust Pipeline with Multiple Near-Term Clinical Readouts



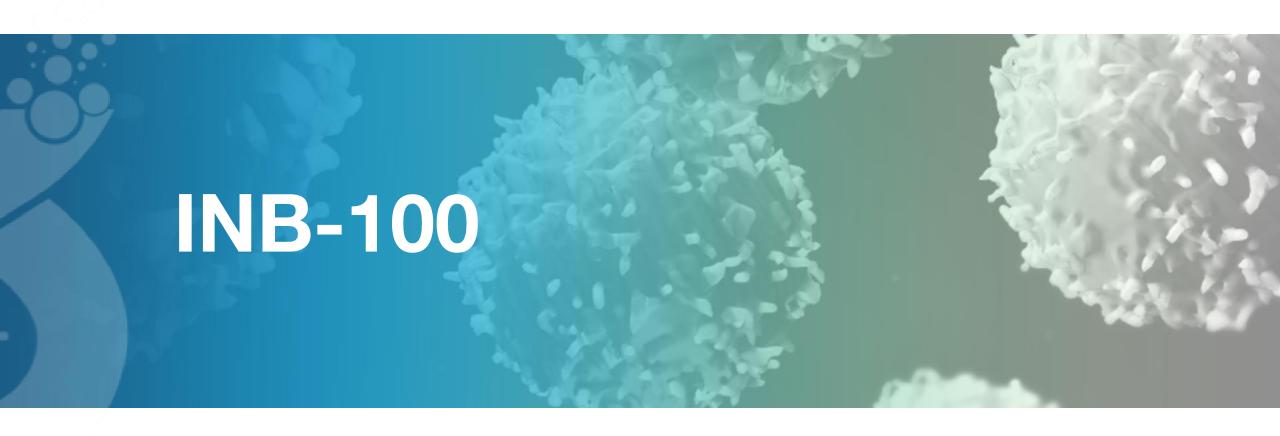
^{*} DRI = Drug Resistant Immunotherapy, or a chemotherapy resistant cell therapy

[#] Please refer to the Current Report on Form 8-K, filed with the SEC on September 4, 2024, for additional details about IN8bio's pipeline prioritization efforts



^{** 1}L = First line therapy

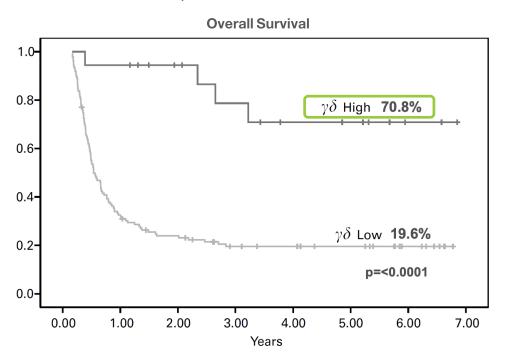
[^] Timing of next anticipated milestones are estimates based on the successful raise of additional capital to fund our programs and are subject to change





INB-100 Trial Design and Rationale

Leukemia Post-HSCT: Improved Patient Survival



- Elevated γδ T cells were observed by Dr. Lamb in the 1990's to be associated with significantly greater survival in leukemia patients undergoing allogeneic transplantation
- Early FDA guidance required first-in-human HLA mismatched γδ T cells to be tested in an environment to demonstrate risk of GvHD
- Our hypothesis that haplo-matched allogeneic cells would result in less NK cell rejection, now confirmed by Caribou's (CRBU) data presented at ASCO 2024
- Allo transplantation is a path towards cure in leukemia patients but fully myeloablative conditioning regimens are not tolerable while GvHD and relapse resulting in death are significant concerns
- Continued pressure and leukemic surveillance by γδ T cells can prevent relapse and drive more patients to this modality
- Demonstrate activity and safety then move to more challenging indications



Source: Godder et al. (Lamb), 2007

Haploidentical Stem Cell Transplantation (HSCT)

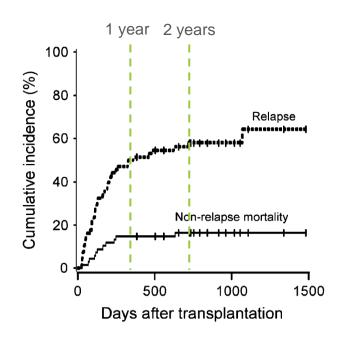
Relapse is the biggest HSCT problem

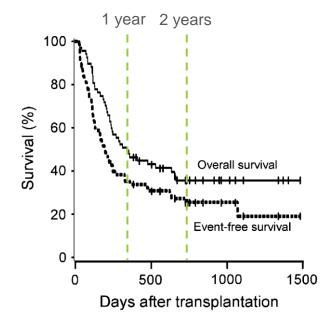
- Haploidentical transplants and reduced intensity conditioning (RIC) regimens have expanded access to stem cell transplantation
- Relapse remains the biggest risk post-transplant with a ~51% risk of relapse at 1-year
- Gamma-delta (γδ) T cells are an inherent anti-cancer immune cell that may be able to preempt relapse in the post-transplant setting
- γδ T cells respond to stress ligands expressed on tumor cells to eliminate residual leukemia

HLA-Haploidentical Bone Marrow Transplantation for Hematologic Malignancies Using Nonmyeloablative Conditioning and High-Dose, Posttransplantation Cyclophosphamide

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¹ Sidney Kimmel Comprehensive Cancer Center at Johns Hopkins, Baltimore, Maryland; ² Fred Hutchinson Cancer Research Center, Seattle, Washington; and ³ University of Washington School of Medicine Seattle, Washington

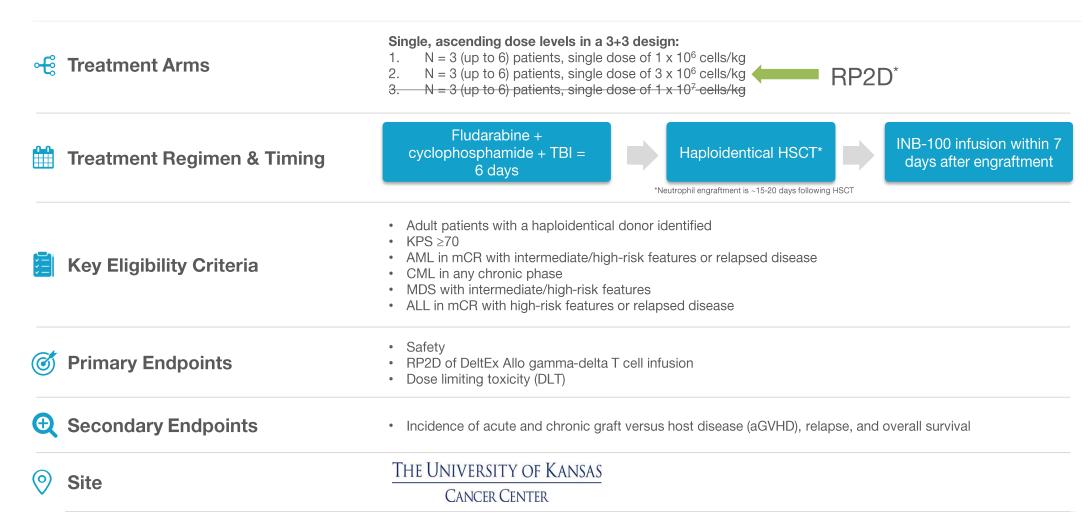






INB-100: An Allo Therapy to Reduce Leukemic Relapse

Single-center, dose-escalation trial of DeltEx Allo gamma-delta T cells post-haploidentical HSCT



*RP2D = Recommended Phase 2 Dose

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Patient Demographics and Summary

Patient	Dose Level	Age / Sex	Prior Therapies	Disease	Acute / Chronic GvHD	CR (mos)	OS (mos)
002	1	63 / female	Idasanutlin + 7+3	High-risk AML trisomy 8+ and del7, FLT3 TKD	Acute G2 GvHD Chronic limited GvHD	54.8+	Alive
003	1	44 / female	7+3	High-risk AML trisomy 8+ and del7, IDH2	Acute G2 GvHD	42.4** LTFU	Alive
006	1	66 / male	7+3 IDAC	High-risk relapsed AML	Acute G2 GvHD Chronic extensive GvHD	40.8+	Alive
007	1	71 / male	Ven/Aza+Pembrolizumab	AML	Acute G2 GvHD Chronic limited GvHD	15.5	15.5 died due to IPF
009	2	68 / male	R-CHOP Blinatumomab Inotuzumab Flu/Mel/TBI Vincristine/steroids Flu/cy/brentuximab CAR-T with Tecartus	Relapsed Ph- ALL; TP53 mutated	Acute G2c GvHD	14.7	20.2
010	2	63 / female	7 cycles Venetoclax/Aza	AML	Acute G2b GvHD	24.1+	Alive
011	2	68 / male	Hydrea/Peg-IFN	ET with MDS/MPN overlap; TP53 mutated		12.4	18.3
012	2	69 / male	2 cycles Venetoclax/Aza	AML		17.8+	Alive
013	2	71 / female	1 cycle Ven/aza/gliteritinib 2 cycles Venetoclax/Aza	AML, FLT3		17.5+	Alive
014	2	71 / male	Venetoclax/Dacogen	AML, del20, -Y		17.0+	Alive

Average patient age ~68 y/o

Majority have AML

Received up to 7 prior therapies

14 enrolled, n=10 dosed and evaluable for safety

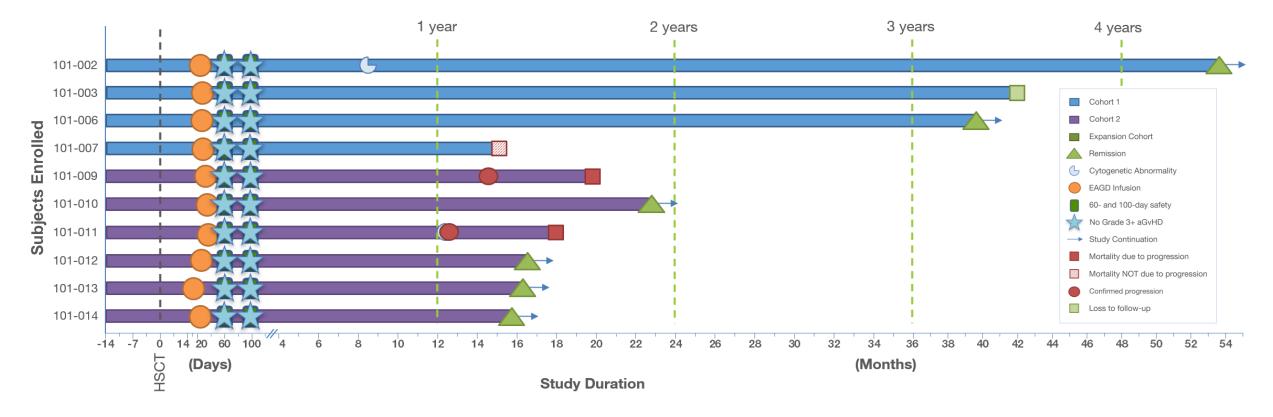
- 1 patient expired prior to dosing
- 1 patient received an out of specification product at 6 x 10⁵ EAGD/kg
- 1 manufacturing failure
- 1 screen failure due to relapse prior to treatment

Median follow-up = 19.2 mos

Median follow-up of AML patients = 19.7 mos

100% Patients Remained in Morphologic CR ≥ 12 Months*

Three patients with high-risk disease remain relapse free for >3 years with median follow-up 19.2 months; No AML patients have relapsed to date at a median follow-up of 19.7 months





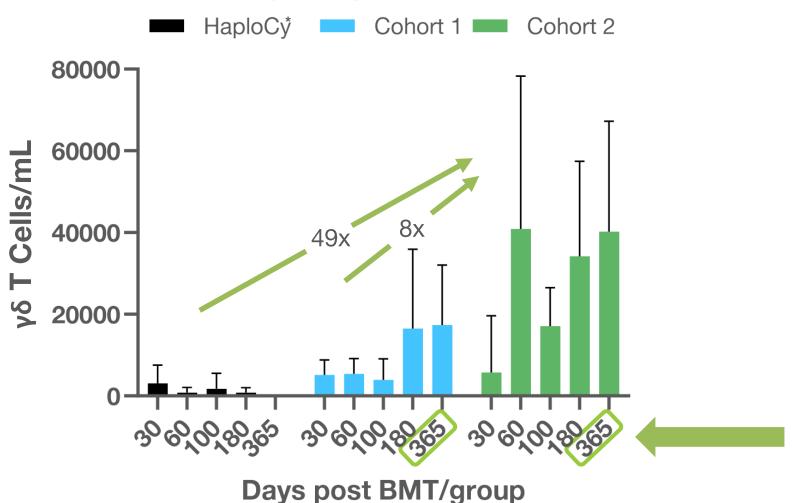
Chimerism Data Confirms 1-year RFS for 10/10 Patients





One-Year In Vivo Persistence and Expansion of γδ T Cells

Haplo-Cy vs INB-100



- Comparison of γδ T cell count recovery between patients who received haploidentical BMT + post-BMT Cy without γδ T cell infusion and INB-100 patients from Cohort 1 and Cohort 2
- Dose dependent increase of circulating γδ T cells at Days +60, +100, +180 and +365 for INB-100 treated patients
- Despite Cohort 2 patients receiving 3x the γδ T cell dose as Cohort 1, an 8x increase in γδ T cells was observed at 60 days
- Continued presence at 365 days suggests in vivo expansion AND persistence of cells



INB-100 Data Summary

- Demonstrating in vivo expansion and persistence of γδ T cells for periods up to 1-year
- Approach demonstrates safety profile of allogeneic γδ T cells with no CRS, no ICANs, low rates of infections and low grade manageable GvHD to date, at a timepoint where a similar dose of unmodified PBMC would likely result in fatal GvHD
 - Post transplant is where patients are maximally at risk for GvHD via an infusion of HLA mismatched cells due to the
 potential for engraftment and an initial lack of NK cells to eliminate alloreactive cells
- Early efficacy data with therapeutically delivered γδ T cells support prior observational studies by Dr. Lamb and Dr. Sengelov
 - 100% of treated patients have remained in remission for greater than 1-year
 - All AML patients remain in remission through median follow up of 19.7 months
 - Patients achieving and maintaining full donor chimerism
- Progression free survival and overall survival data surpasses matched patient data from those treated with the same protocols
- Data demonstrates the activity and safety profile of γδ T cells supporting the advancement into more challenging indications and relapsed disease

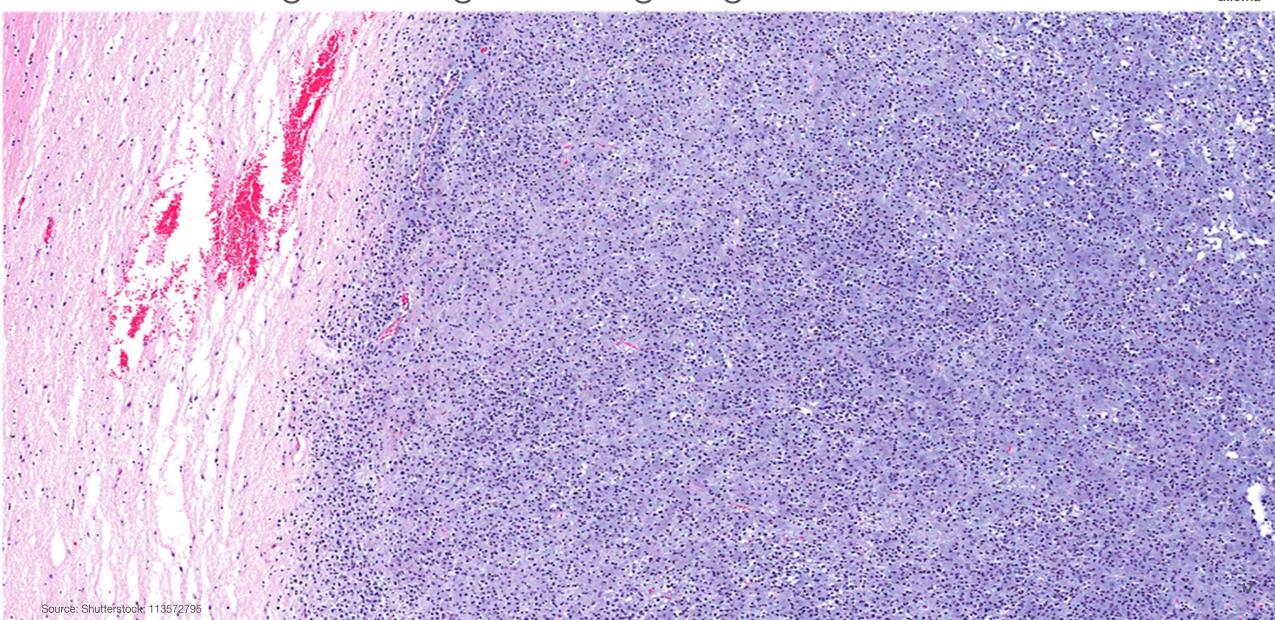






Overcoming Challenges to Targeting Solid Tumors

Glioma



INB-200: Study Design and Treatment Schema

Treatment Arms

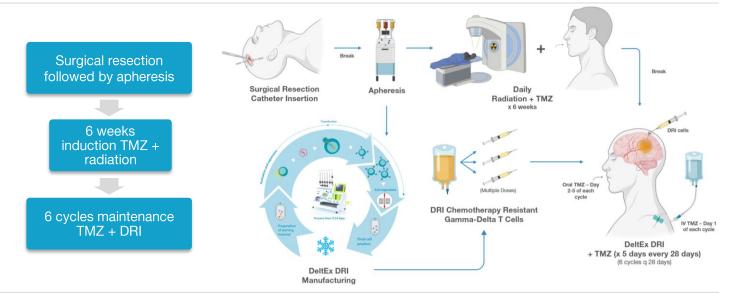
Fixed dose level (DL) of DRI in a 3+3 design (N=18):

DL1: N = 3 (up to 6) patients, single dose of 1 x 10^7 cells on C1D1

DL2: N = 3 (up to 6) patients, three doses of 1 x 10⁷ cells, one dose every 28 D1 of C1-C3

DL3: N = 3 (up to 6) patients, six doses of 1 x 10^7 cells, one dose every 28 days on D1 of C1-C6

Treatment Regimen & Timing



OPERATE OF STREET OF STREETPrimary Endpoints

- Safety
- Maximum tolerated dose (MTD) of DeltEx DRI in two dose frequencies

Secondary Endpoints

- · Time to progression
- Overall survival
- Biologic response







Patient Demographics

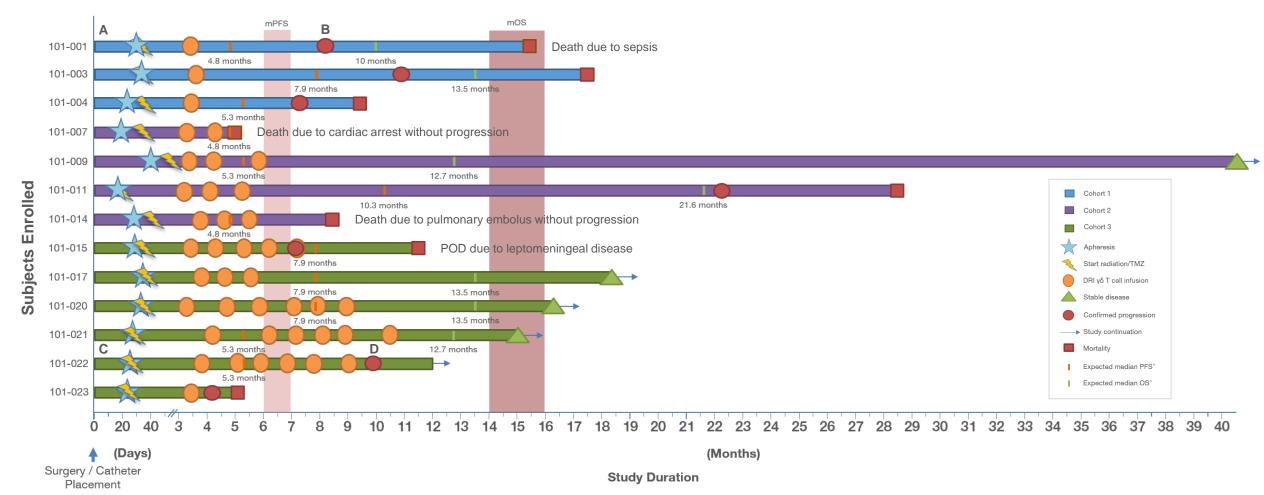
Subject	Age / Sex	Cytogenetics	Dose level	Resection	TMZ Maint. Cycles Received
001	68 / M	IDH-WT, MGMT-unmethylated	1	Total	5
003	74 / F	IDH-WT, MGMT-methylated	1	Total	6
004	21 / F	IDH-WT, MGMT-unmethylated	1	Total	3
007	74 / M	IDH-WT, MGMT-unmethylated	2	Total	2
009	32 / M	IDH-mutant, MGMT-methylated	2	Total	12
011	56 / F	IDH-WT, MGMT-methylated	2	Total	6
014	73 / F	IDH-WT, MGMT-unmethylated	2	Subtotal	6
015	73 / M	IDH-WT, MGMT-methylated	3	Subtotal	5
017	74 / F	IDH-WT, MGMT-methylated	3	Subtotal	3
020	66 / M	IDH-WT, MGMT-methylated	3	Subtotal	6
021	57 / M	IDH-WT, MGMT-unmethylated	3	Total	6
022	53 / M	IDH-WT, MGMT-unmethylated	3	Subtotal	6
023	52 / M	IDH-WT, MGMT-unmethylated	3	Subtotal	1

- Median age: 68
- 54% unmethylated
- 23 enrolled, five products unable to be manufactured
- Of 13 treated, 5 remain in follow-up
- 8 deaths:
 - 7 due to PD or diseaserelated issues
 - Other:
 - Cardiac event (007)



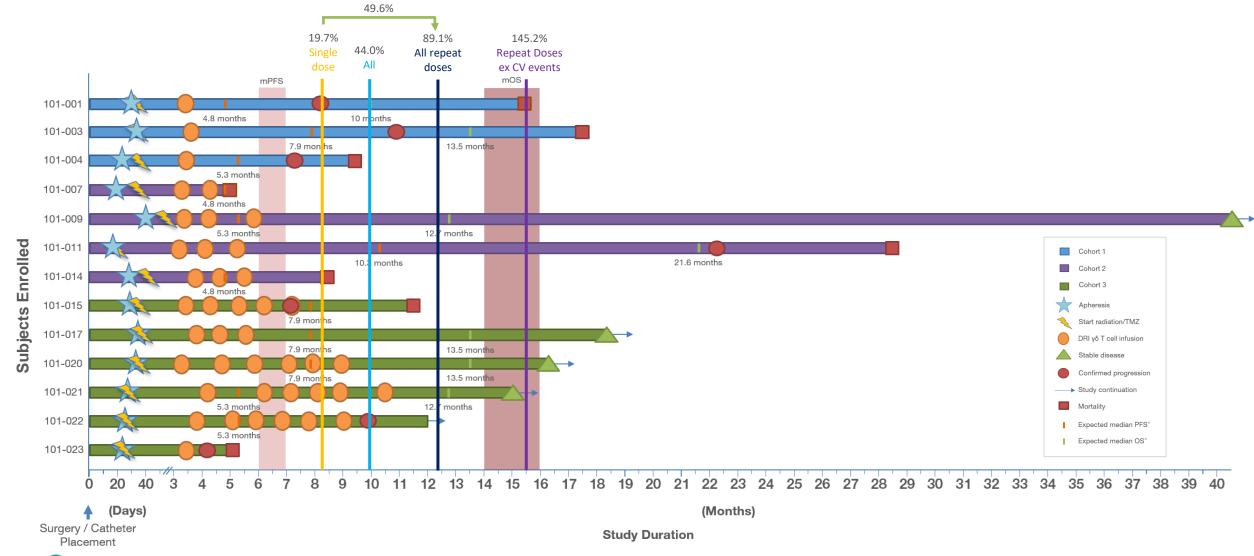
Improving Outcomes with Increasing Doses of γδ T Cells

Median Follow-up: 14.8 months





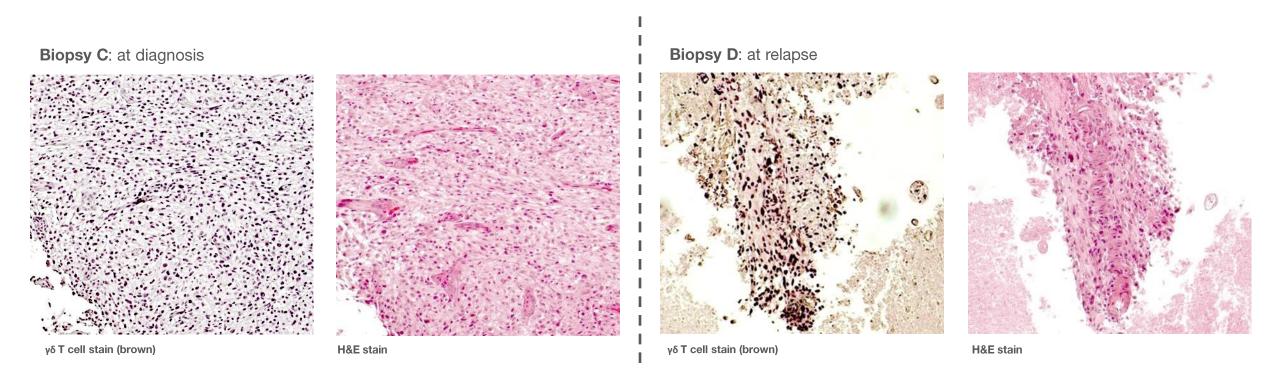
Relative Improvement Over Stupp mPFS of 6.9 Months





Patient 022 - Confirmation of γδ T Cell Infiltration

Preserved $\gamma\delta$ T cells confirmed following six does of DRI infusion + TMZ with presence of necrotic tissue and prominent $\gamma\delta$ T cell infiltration of relapsed tumor





INB-200 Conclusions and Future Directions

Outpatient treatment of newly diagnosed glioblastoma patients using an MGMT gene-modified $\gamma\delta$ T cell therapy is feasible with a Rickham catheter placed for long-term longitudinal use

- Safety: No treatment-related serious adverse events (SAE's), with no observed CRS, ICANs or neurotoxicity and no treatment related deaths
- Cell Infiltration: Paired biopsies from two separate patients confirm significant infiltration of γδ T cells, as well as CD3+ and CD8+ T cells
- Activity and Efficacy: There is a discernible dose-response towards longer PFS and OS as patients transition from single to
 multiple dose cohorts
- Current Trial Predicament: INB-400 Phase 2 trial (NCT05664243) suspended due to lack of funding sources
- **Future Directions:** The normal tissue sensing ability and lack of an allogeneic recognition mechanism combined with the CNS immune environment creates an ideal opportunity for allogeneic γδ T cells DRI therapy thereby enabling a potential allogeneic and 'off-the shelf' treatment for multiple patients

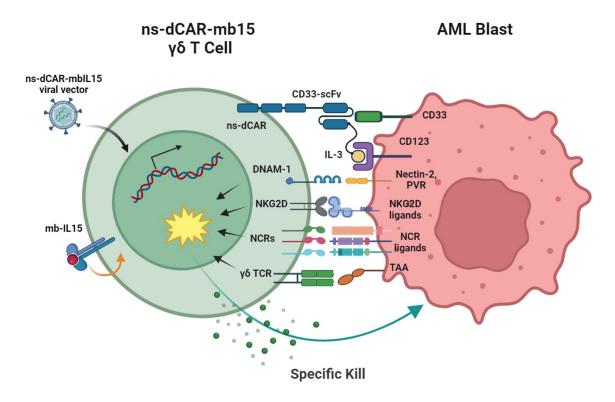




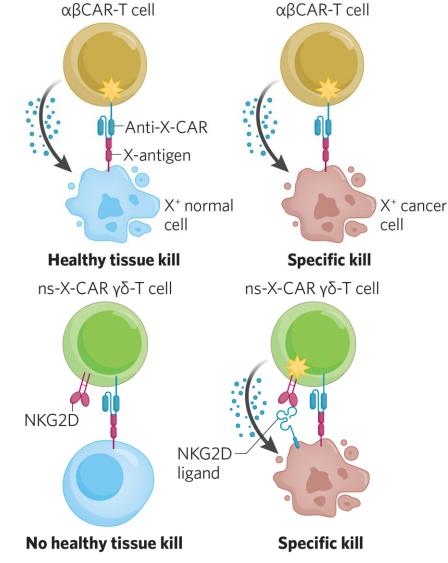


A Unique CAR-T Platform that Spares Healthy Tissue

Novel Non-Signaling γδ CAR-T Platform (ns-CAR)



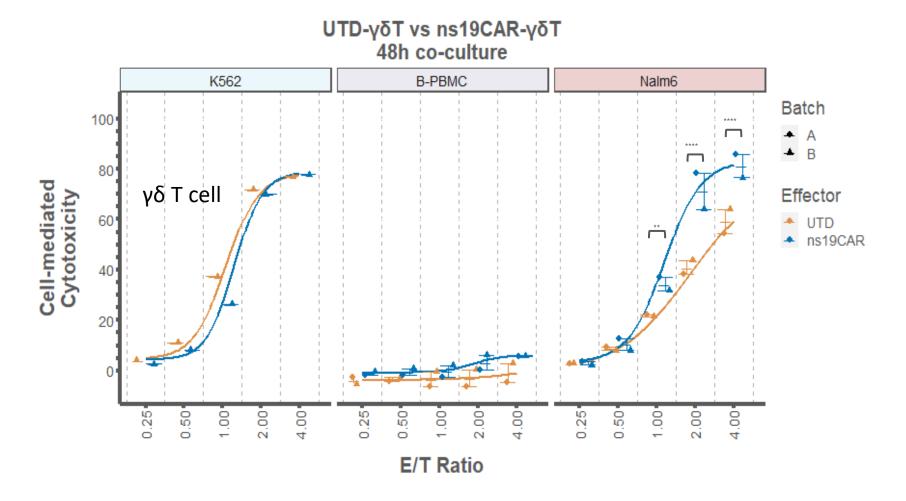
 γδ T cells have a broad-based MHC unrestricted receptor repertoire that can identify and distinguish healthy from stressed cells (infected or transformed) to be targeted for killing





Example - ns19CAR γδ T Cytotoxicity

Non-Signaling γδ CAR-T (ns-CAR) can eradicate cancer cells (CD19+) while preserving healthy B cells (CD19+)



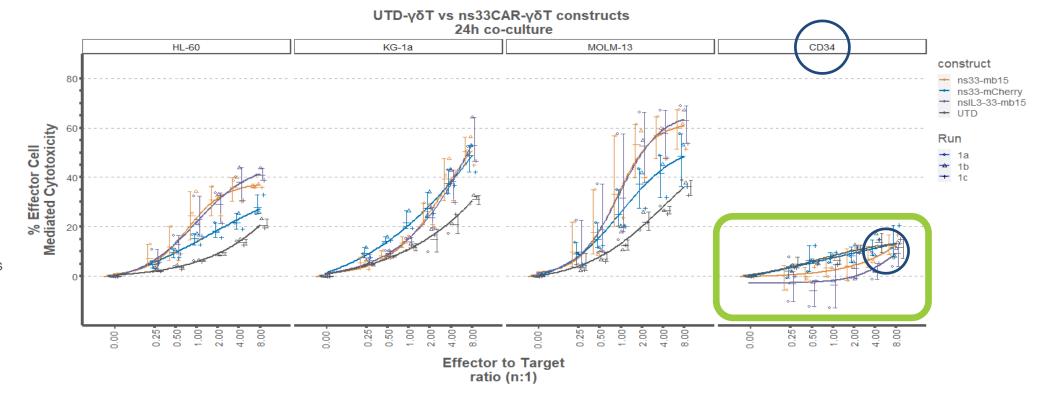


Source: IN8bio, Inc. as presented AACR 2023

ns-γδ T CARs Do Not Increase Killing vs. Healthy Cells

Presented at AACR 2024 - CD34+ HPC, HL-60, KG-1a, MOLM-13 are all CD33+ cells

- Cytotoxicity of nsIL3-33mb15 nsCAR against AML cell lines was 5.5x greater than against healthy CD34+ hematopoietic progenitor cells (HPCs)
- Experiments run in triplicate
- nsCAR constructs demonstrated an average 1.8x increase in killing across three AML cell lines at peak
- nsCAR killing was less than untransduced control γδ T cells across all constructs



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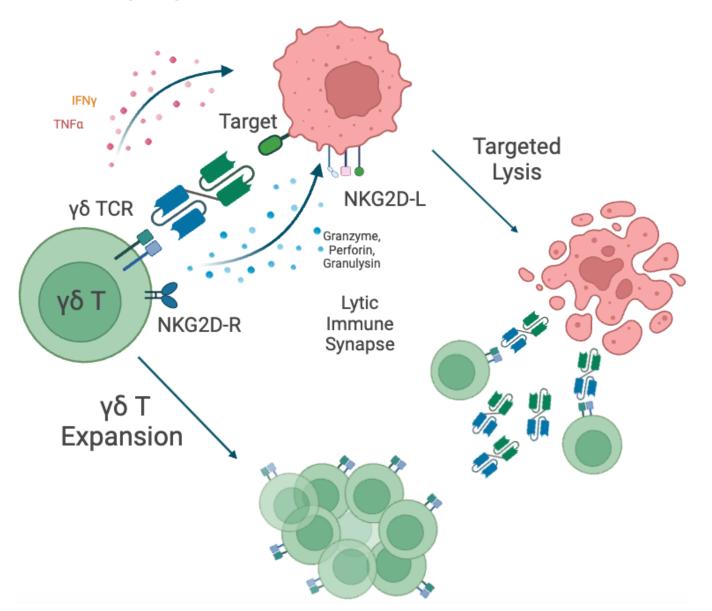
Source: IN8bio, Inc.





γδ TCR Bispecific γδ T cell Engagers (γδ TCE)

- The engagers can be used to recruit, activate and expand γδ cells in vivo at the site of the target cells
- This technology is broadly applicable to oncology and autoimmune disease
- Precision recruitment allows for targeted eradication of diseased cells through the engager in addition to endogenous receptor repertoire









Deep Experience Across Development and Biotechnology



William Ho
Co-Founder,
President and Chief
Executive Officer



Lawrence Lamb, PhD Co-Founder and Chief Scientific Officer



Patrick McCall, CPA Chief Financial Officer



Kate Rochlin, PhD Chief Operating Officer

IN8bio's team has deep experience in cell therapy & oncology expertise:

- Diverse leadership team brings decades of extensive background in oncology discovery, business insights, franchise creation, product development, regulatory affairs, and commercialization
- Business development and licensing expertise across biopharmaceutical and biotechnology companies
- Founding of a private healthcare investment fund and management of public investments and cross-over portfolio at leading healthcare venture capital firm, New Leaf Venture Partners
- Specialization in transplantation immunology and recognized innovation in the field of $\gamma\delta$ T cells
- Leadership of Curadigm's spin-out from Nanobiotix and platform collaborations and partnerships







































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Bianca Santomasso, MD, PhD MSKCC







































































Yale



















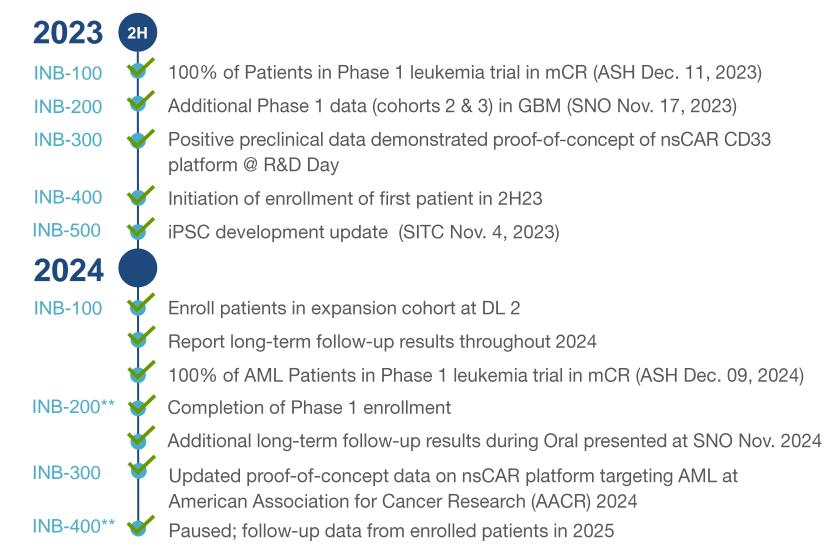






Historical & Anticipated Milestones Across Pipeline[^]

- Ticker: INAB
- 72.5 million common shares outstanding as of November 11, 2024
- Provides runway through 2025
- Potential for up to ~\$31.6M in additional capital at increasing valuations from convertible securities
- \$0 debt
- Additional \$11.6M net proceeds raised Oct. 4, 2024

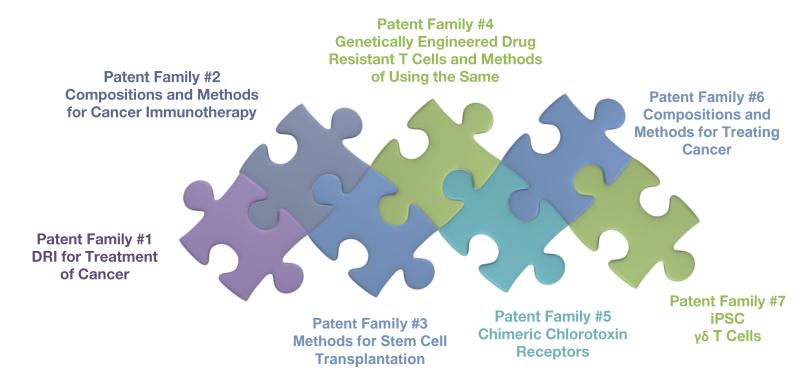




A Robust Intellectual Property Portfolio

Coverage inclusive of both issued and allowed (US, EU and worldwide) methods-of-use and composition-of-matter patents

- Data and "Know-How" exclusively licensed from the University of Alabama at Birmingham (UAB), Emory University (Emory) and Children's Healthcare of Atlanta (CHOA)
 - Includes all in-vivo and in-vitro data and patient data from any clinical trials
 - Manufacturing expertise including GMP expansion and transduction of vδ T cells
- Broad strategy for coverage across multiple disease states





IN bio Harnessing the Power of γδ T Cells



- Utilizing innovative approaches to efficiently advance our programs
- Demonstrating the ability to execute and to build our business methodically and intentionally
- Pursuing rigorous science to achieve better patient outcomes
- Additional patient enrollment and addition of prospective control arm in INB-100 Phase 1 trial to further de-risk future clinical pathway
- Significantly reduced burn and focused on near-term value creating milestones with presentations and clinical data updates at medical meetings throughout 2024 and 2025



Join Us on Our Mission to Achieve...

Cancer Zero

Connect With Us!

