Clinical Stage CAR-T for AL Amyloidosis and Select Immune-Mediated Diseases

January 2025



Disclaimer: Forward Looking Statements & Market Data



This presentation contains forward-looking statements that involve substantial risks and uncertainties. All statements, other than statements of historical facts, contained in this presentation, including statements regarding Immix Biopharma, Inc.'s (the "Company") strategy, future operations, future financial position, projected costs, prospects, plans, and objectives of management, are forward-looking statements. The words "anticipate," "believe," "continue," "could," "depends," "estimate," "expect," "intend," "may," "ongoing," "plan," "potential," "predict," "project," "target," "should," "will," "would," and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words.

The Company may not actually achieve the plans, intentions, or expectations disclosed in these forward-looking statements, and you should not place undue reliance on these forward-looking statements. Actual results or events could differ materially from the plans, intentions and expectations disclosed in these forward-looking statements. In addition, the forward-looking statements included in this presentation represent the Company's views as of the date of this presentation.

The Company anticipates that subsequent events and developments will cause its views to change. However, while the Company may elect to update these forward-looking statements at some point in the future, it specifically disclaims any obligation to do so. These forward-looking statements should not be relied upon as representing the Company's views as of any date subsequent to the date of this presentation. This presentation also includes data from other approved therapies and in trials, which are generated from separate, independent studies and do not come from head-to-head analysis. Differences exist between study or trial designs and subject characteristics, and caution should be exercised when comparing data across studies sourced from publicly available sources. This presentation also contains estimates and other statistical data made by independent parties and by us relating to market size and growth and data about our industry. This data involves a number of assumptions and limitations, and you are cautioned not to give undue weight to such estimates. In addition, projections, assumptions, and estimates of our future performance and the future performance of the markets in which we operate are necessarily subject to a high degree of uncertainty and risk. These and other factors could cause results to differ materially from those expressed in the estimates made by the independent parties and by us.

Immix Biopharma Highlights



NXC-201: The only CAR-T in development for AL amyloidosis

- NXC-201 could transform the treatment of Relapsed/Refractory AL amyloidosis where no drugs are FDA approved today (~33,000 existing US patients, \$3bn market);
- Ex-US study: 75% (12/16) Complete response (CR) rate in Relapsed/Refractory AL Amyloidosis
- US study: potentially pivotal; initial data in four patients consistent with Ex-US results (announced Dec 2024)
- Current standard-of-care CR rates as low as 3-20% in Relapsed/Refractory AL Amyloidosis

Sterically-optimized, proprietary CAR-T construct

- N-GENIUS platform produced NXC-201, our lead, sterically-optimized CAR-T
- NXC-201 CART construct provides barrier to entry: 3 key CAR modifications drive unique clinical profile -CD3ζγ, CD8 hinge, COBRA binder
- NXC-201 engineered specifically to solve for CAR-T tolerability (cytokine release syndrome, neurotoxicity)

Clinical profile ideal for select immune-mediated diseases

- Established clinical profile across large 129 patient dataset dosed with NXC-201: well-suited to treat select immune-mediated diseases
- In low volume diseases: no neurotoxicity; ~1-2 day cytokine release syndrome (CRS) duration

Significant Near-Term Milestones



Upcoming Milestones	Anticipated Timing
Next NXC-201 Program Update	1H 2025
Report interim clinical data readout for NEXICART-2 trial in AL Amyloidosis	2Q/3Q 2025
Report NXC-201 interim clinical data in unaddressed immune-mediated diseases	4Q 2025
Report final topline clinical data readout for NEXICART-2 trial in AL Amyloidosis	2Q/3Q 2026



Completed		
NASDAQ IPO 2021		⊘
Formed Cell Therapy R&D ta	askforce in 2022	⊘
Secured global commercial at 201 from Hadassah/Bar-Ilar	-	
Reported	ASGCT 2023	⊘
NEXICART-1 AL Amyloidosis	ASH 2023	⊘
interim clinical data at:	ASGCT 2024	⊘
	2024 / ASH 2024	
Dosed first US patient in NE Amyloidosis clinical trial	Met mid '24 guidance	
Reported NEXICART-2 AL Ar clinical data	Met 4Q 2024 guidance	



Pipeline: Only CAR-T in AL Amyloidosis; Tailor-Made for select Immune-Mediated Diseases



Lead Program: NXC-201, a next-generation BCMA-targeting CAR-T for AL Amyloidosis and select immune-mediated diseases

Indication	Therapy	Pre-clinical	Phase 1	Phase 2	Upcoming Milestones
Relapsed/Refractory AL Amyloidosis	NXC-201	US FDA and EU EC Orphan Drug Do	esignation (ODD)		2Q/3Q 2025: Report interim clinical data readout for NEXICART-2 trial in AL Amyloidosis 2Q/3Q 2026: Report final topline clinical data readout for NEXICART-2 trial in AL Amyloidosis
Undisclosed select Immune-Mediated Diseases	NXC-201	IND enabled			4Q 2025: Report NXC-201 interim clinical data in unaddressed immune-mediated diseases
Other Emerging Pip	eline				
Preclinical Candidates	Not yet announced				

NXC-201 Referenced in June 2024 New England Journal of Medicine Publication



TREATMENT OF RELAPSE AND PROGRESSION AFTER INITIAL THERAPY

No consensus has been established on the criteria for commencing second-line therapy in patients with progressive disease after initial therapy. Avid Patients with relapsed disease can be treated by repeating first-line therapy if the response lasted for more than a year, although such patients have a shorter time to relapse without a reduction in overall survival than patients who are treated with a different therapy for relapsed disease.

The potential options available for the treatment of relapsed systemic AL amyloidosis include proteasome inhibitors,75,76 anti-CD-38 monoclonal antibodies,77,78 immunomodulatory agents,79 venetoclax for patients with t(11:14),80 bendamustine,81 high-dose melphalan with autologous SCT, 82,83 bispecific antibodies, 84,85 and even chimeric antigen receptor T-cell therapy.86 Although it is not possible to be prescriptive regarding the sequencing of therapies, the two guiding considerations are the depth and duration of the initial response and the choice of a class of agents not previously used. The limitations imposed by a patient's reduced level of fitness or frailty and end-organ damage must also be considered. Enrollment in clinical trials is encouraged.

The NEW ENGLAND JOURNAL of MEDICINE

REVIEW ARTICLE

Dan L. Longo, M.D., Editor

Systemic Light Chain Amyloidosis

Vaishali Sanchorawala, M.D.

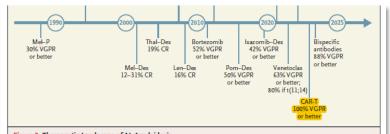


Figure 3. Therapeutic Landscape of AL Amyloidosis.

The therapeutic landscape of AL amyloidosis has seen substantial expansion in the past three decades. The majority of treatment regimens are adapted from myeloma therapies, with a focus on targeting the underlying plasma cell clone. Hematologic response has improved significantly with more effective and contempory treatments, contributing to an overall increase in survival and a reduction in the rate of early death. CAR-T denotes chimeric antigen receptor T-cell therapy. CR complete hematologic response, CTD cyclophosphamide—thalidomide—dexamethasone, CPBorD cyclophosphamide—bortezomib—dexamethasone, HDM—SCT high-dose melphalan stem-cell transplantation, ixazomib—Dex ixazomib—dexamethasone, Len—Dex lenalidomide—dexamethasone, Mel—Dex melphalan—dexamethasone, Mel—P melphalan—prednisone, Pom—Dex pomalidomide—dexamethasone, Thal—Dex thalidomide—dexamethasone, and VGPR very good partial hematologic response.

tory AL amyloidosis: a multinational retrospective case series. Elood 2024;143: 734-7.

86. Kfir-Erenfeld S, Asherie N, Grisariu S, et al. Feasibility of a novel academic ECMA-CART (HBI0101) for the treatment of relapsed and refractory AL amyloidosis. Clin Cancer Res 2022;28:5156-66.

 Nuvolone M, Nevone A, Merlini G. Targeting amyloid fibrils by passive immunotherapy in systemic amyloidosis.

Footer Sanchorawala et al. Systemic Light Chain Amyloidosis. New England Journal of Medicine. June 2024.

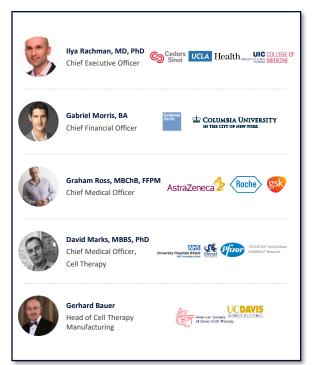
World-Class Team



Management

Board of Directors

Scientific Advisory Board







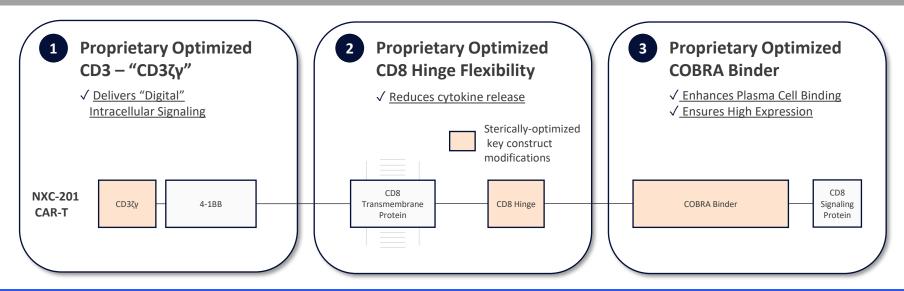
N-GENIUS Platform: Sterically-Optimized CAR-T Construct Drives Differentiated NXC-201 Clinical Profile



ALL BCMA CAR-TS ARE NOT CREATED EQUAL

N-GENIUS PLATFORM

Our CAR-T is differentiated based on 3 Key Construct Modifications



Immix's proprietary N-GENIUS Platform can overcome the inherent limitations of conventional CAR-T methodologies that lack the sterically-optimized CD3ζγ ("Digital" Signaling), CD8 hinge flexibility, and COBRA binder, which drive NXC-201's greatly reduced neurotoxicity, minimized CRS duration, and enhanced efficacy in heavily pretreated patients

"Single amino acid substitutions at key sites can affect CAR-T function over 200-fold range"



Proprietary Sterically-Optimized CD3ζ + CD8 Delivers "Digital" Intracellular Signaling, Eliminates Neurotoxicity, Reduces CRS Duration





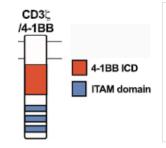
CARs rely on activation of CAR-T cells through CD3 ζ derived immunoreceptor tyrosine-based activation motifs (ITAMs), typically 3 ITAM motifs per CAR

NXC-201 adds a positively charged amino acid (lysine) next to a tyrosine phosphorylation site, therefore:

- ✓ Impeding phosphorylation of ITAM1 (by affecting protein folding dynamics which block the tyrosine site), thus reducing intracellular reactivity
- √ Adding an additional site for ubiquitination, allowing the CAR to be marked for degradation more rapidly that a traditional CAR

The combined effect of these modifications is to drive a "digital" signaling of extracellular activity, that is on when antigen is present and off when not

Modification of ITAMs is a common theme in third-generation CAR design, with publications in Nature Medicine and by Memorial Sloan Kettering on the topic



nature Signal Transduction and Targeted Therapy

"In activated T cells, the CD3ζ chain gets ubiquitinated by CBLB at its multiple lysine residues and induces degradation of surface TCRs"

doi: 10.1038/s41392-021-00823-w





Memorial Sloan Kettering Cancer Center

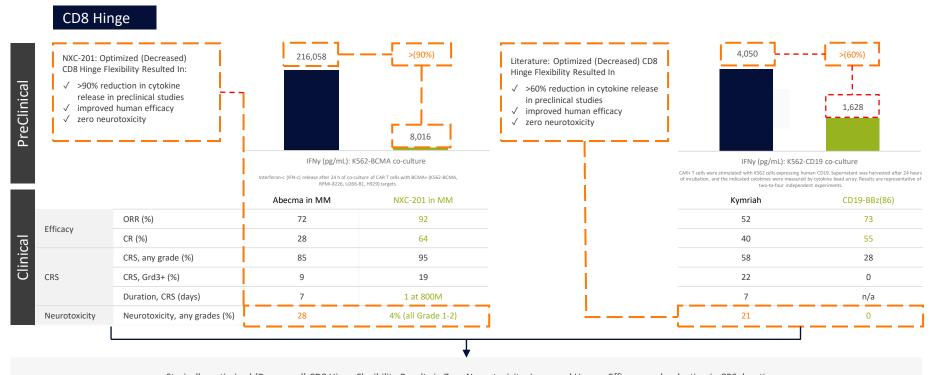
"We hypothesized that the redundancy of CD28 and CD3 ζ signaling in a chimeric antigen receptor (CAR) design incorporating all three CD3 ζ immunoreceptor tyrosine-based activation motifs (ITAMs)11,13 may foster counterproductive T cell differentiation and exhaustion. Therefore, we calibrated ITAM activity by mutating tyrosine residues to impede their phosphorylation and downstream signaling"

doi: 10.1038/s41591-018-0290-5

2

Proprietary Sterically-Optimized CD3ζ + CD8 Delivers "Digital" Intracellular Signaling, Eliminates Neurotoxicity, Reduces CRS Duration





Sterically-optimized (Decreased) CD8 Hinge Flexibility Results in Zero Neurotoxicity, Improved Human Efficacy, and reduction in CRS duration

MM: multiple myeloma

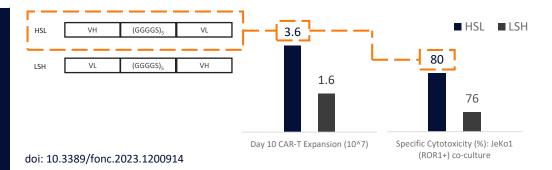


Sterically-Optimized COBRA Binder Ensures High Expression And Binding Affinity



COBRA Binder

COBRA Binder Leads with **Heavy Chain**



Proven Linker of Heavy and Light Chain **Employed**

Biomarker Research

"Glycine (Gly) and serine (Ser) residues provide the flexibility necessary for antigen-binding sites to change conformation and maintain good stability in aqueous solutions... prevent[ing] formation of secondary structures and reduc[ing] likelihood of the linker interfering with the folding and function of the scFv"

September 19, 2022

doi: 10.1186/s40364-022-00417-w

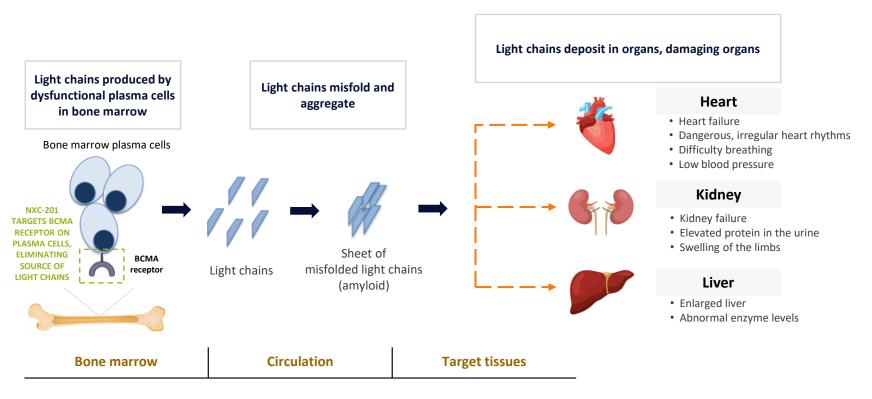
NXC-201 **COBRA Binder:** Heavy Chain - Proven Linker -Light Chain Configuration, enabling:

- √ Rapid, Sustained **CAR-T Expansion**
- √ Improved Cytotoxicity in the presence of antigen

AL Amyloidosis: ~33,000 Relapsed/Refractory U.S. Patients with No FDA Approved Drugs



NXC-201 TARGETS AL AMYLOIDOSIS PLASMA CELLS THAT EXPRESS BCMA ON CELL SURFACE



Source: Merlini, G., et al. Nat Rev Dis Primers. Ort 2018, Front. Cardiovasc. Med., Dec 2022, Hemato 2022, 3(1), 47-62; https://doi.org/10.3390/hemato301005. Quock TP, Yan T, Chang E, Guthrie S, Broder MS. Epidemiology of AL amyloidosis: a real-world study using US claims data. Blood Adv. 2018 May 22;2(10):1046-1053. doi: 10.1182/bloodadvances.2018016402. PMID: 29748430; PMCID PMCID: 50748430; PMCID: 50

NXC-201 Addresses Sizable U.S. Relapsed/Refractory AL Amyloidosis Patient Population (1/2)

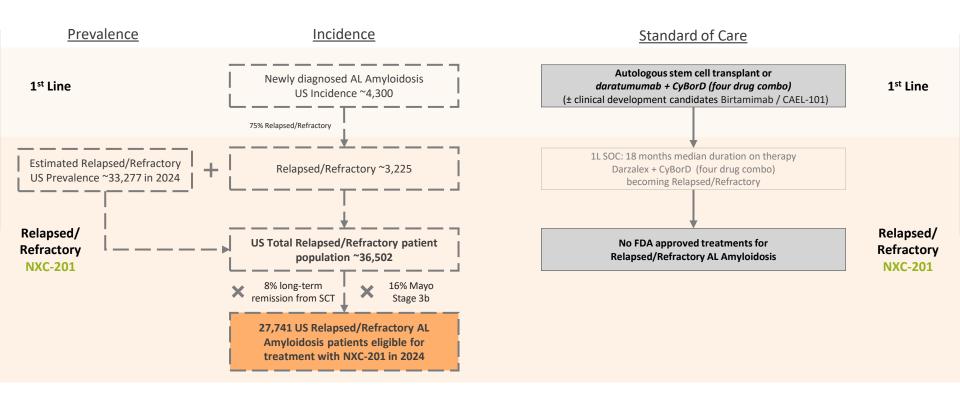




Note: Public information development plans as of 2023. Dara-Cy807: Daratumumab, Bortezomib + cyclophosphamide + desamethasone. BMD: bortezomib, melphalan, and dexamethasone. Source: Dima D, et al. Diagnostic and Treatment Strategies for IA. Amyloidosis in an Era of Teraspuric Innovation. J.CO Oncol Pract. 2023; immene-Zepeda VH, et al. Understanding real-world reatment plans as of 2023. Dara-Cy807: Daratumumab, Bortezomib + cyclophosphamide - desamethasone. BMD: bortezomib, melphalan, and dexamethasone. Source: Dima D, et al. Diagnostic and Treatment Strategies for IA. Amyloidosis paratients diagnosed in Canada: A population-based cohort study, EHaem. 2022; Box derma Melphalan and stem cell transplantation. Blood. 2017; Palladini 6, et al. Persentation and outcome with second-line treatment in Al amyloidosis previously sentitive to nontransplant therapies. Blood. 2015; Quoct TV, Pin, T, Change, Cybride MS. Epidemiology of Al amyloidosis: a real-world study using US claims data. Blood ADV. 2018 May 22;2(10):1046-1053. doi: 10.1182/bloods/avances.2018.0016402. PMID: 2974830; PMID: PMC5965052. Staron A, et al. Marked progress in AL amyloidosis survival: a 4D-year Inorgitudinal natural history study. Blood Canacer. J. 2021;1(8):139; LUR, Richards TA. AL Amyloidosis: Unfolding a Complex Disease. J Adv Pract Oncol. 2019;1(8):813-825. EQ. Crusoe, E. Kastritis, V Sanchorawala, GMOBOTAS Group. Substances us Daratumumab & Potteromib. Civolophosphamides. and Decamethasoner (Vol In Palladina Study. Henatodos Study. Henatod

NXC-201 Addresses Sizable U.S. Relapsed/Refractory AL Amyloidosis Patient Population (2/2) 🗱 🗓





Note: 8% long-term remission estimated based on 20% eligible for SCT x 40% achieving CR (associated with superior long survival)

Source Quock TP, Yan T, Chang E, Guthrie S, Broder MS. Epidemiology of AL amyloidosis: a real-world study using US claims data. Blood Adv. 2018 May 22;2(10):1046-1053. doi: 10.1182/bloodadvances.2018016402. PMID: 29748430; PMID: 29748430;

NXC-201 May Be a Curative Treatment for AL Amyloidosis

ALL BCMA CAR-TS ARE NOT CREATED EQUAL

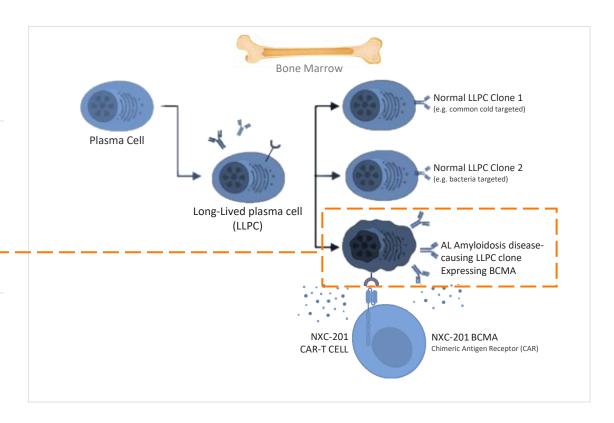


AL amyloidosis is caused by dysfunctional plasma cells that can live for years, continuously producing toxic, misfolded amyloid light chain antibody fragments

AL Amyloidosis disease-causing plasma cells:

- Are a minority of total plasma cells
- Are 1 of thousands of antibody-specific plasma cells, each of which produces 1 antibody, specific to 1 target (e.g. common flu, cold, a type of bacteria...)
- Are eliminated by NXC-201 treatment

Then healthy plasma cells regenerate in the months after NXC-201 treatment, potentially preventing disease relapse



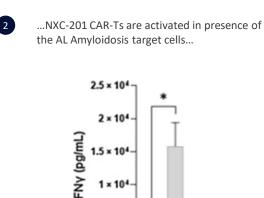
NXC-201 Designed for High Activity Against Disease-causing AL Amyloidosis Plasma Cells



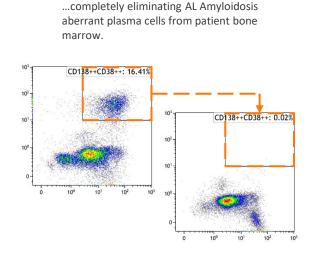


a) <u>Uneven</u> BCMA expression and b) <u>frail patient condition</u> has historically prevented conventional, approved CAR-T use in AL Amyloidosis NXC-201 was designed and tested for human AL Amyloidosis treatment, with preclinical testing revealing that:

BCMA is expressed in 18 AL Amyloidosis patients at a low-medium level...



5 x 103



NXC-201's uniquely favorable tolerability profile (no neurotoxicity + "Single-day CRS") combined with proven preclinical and clinical efficacy make NXC-201 uniquely suited to treat AL Amyloidosis.

NXC-201 N-GENIUS Platform "Single-Day CRS" Drives AL Amyloidosis Leadership

ALL BCMA CAR-TS ARE NOT CREATED EQUAL



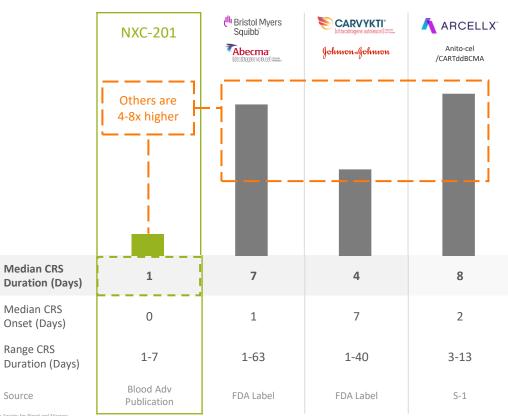
NXC-201's short CRS duration makes it **uniquely suitable to treat ALA patients** (in whom the #1 source of mortality is heart failure)

Cardiovascular stress is the key determinant for ability to treat relapsed/refractory ALA patients

- · Long CRS duration causes extended cardiovascular stress
- Other CARTs have 4-8x longer CRS duration

"The biggest challenge ... has been applicability of these therapies in amyloidosis when the patients are particularly frail and have organ dysfunction ... where the key lies in the safety rather the efficacy in a low-volume disease setting is going to be key ..."

Dr. Susan Bal, MD
 Assistant Professor, Hematology
 University of Alabama at Birmingham



SourceM. Assayag, et al. Point-of-care CART manufacture and delivery for the treatment of multiple myeloma and AL amyloidosis: the experience of Hadassah Medical Center. European Society for Blood and Marrow Transplantation 49th Annual Meeting. Poster Presentation. April 2023. Nov 2023 KOL discussion https://lifescievents.com/event/immixbio/NXC-201 (formerly HBI0101) American Society of Hematology Presentation, Abecma FDA approval label, Carelytis FDA

Data in Multiple Myeloma

Overcoming Neurotoxicity

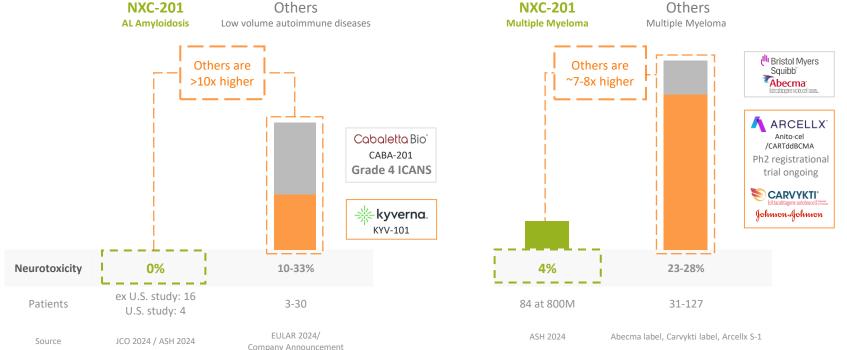
ALL BCMA CAR-TS ARE NOT CREATED EQUAL



LOW VOLUME DISEASE

NXC-201 Others **Multiple Myeloma** Multiple Myeloma Bristol Myers Others are Squibb ~7-8x higher Abecma ARCELLX[®] Anito-cel /CARTddBCMA Ph2 registrational trial ongoing **CARVYKTI**° Johnson-Johnson 4% 23-28%

HIGH VOLUME DISEASE



Source: Carvykti and Abecma FDA labels, Arcellx S-1. Assayag, et al. Academic BCMA-CART cells (HBI0101), a promising approach for the treatment of LC Amyloidosis. 27th Annual Meeting. Lebel E, et al. Efficacy and Safety of a Locally Produced Novel Anti-BCMA Chimeric Antigen Receptor T-Cell (CART) (HBI0101) for the Treatment of Relapsed and Refractory Multiple Myeloma, International Myeloma Society 20th Annual Meeting. 2023. Differences exist between trial designs and subject characteristics, and caution should be exercised when comparing data across studies. Figures reflect cross-trial comparison and not results from a head-to head study. Kyverna corporate presentation June 14, 2024. Accessed through https://www.sec.gov/ix?docs/Archives/edgar/data/0001994702/000095017024073312/kytx-20240614.htm. Low volume diseases refers to ANCA vasculitis, autoimmune encephalitis, anti-synthetase syndrome, CIDP, DAGLA encephalitis, [gG4 related disease, Lambert-Eaton mvasthenic syndrome, lugus neohritis, mvasthenia gravis, multiole sclerosis, stiff Person syndrome Cabaletta 20 2024 earnings oress release; https://www.cabalettabio.com/investors/news-events/poress-releases/detail/114/cabaletta-bio-reports-second-quarter-2024-financial-results. High volume disease NXC-201 CRS data from ASH 2024 Abstract which included 84 MM patients. NXC-201 data from NEXICART-1 clinical study.

U.S. NEXICART-2 Trial Designed Based on ex-US NEXICART-1 Trial Experience



NXC-201 clinical data indicate that R/R Amyloidosis patients with preserved heart function are more likely to benefit from treatment

Relapsed/Refractory AL Amyloidosis NXC-201 trial	Allows pre-existing severe cardiac patient enrollment?	Allows patients with prior BCMA-targeted therapy exposure?	Allows patients with concomitant Multiple Myeloma?
NEXICART-1: ongoing Israel trial	X Yes	X Yes	X Yes
NEXICART-2: ongoing US trial	√No	√No	✓ No

NEXICART-2: 40 patient, single-arm, multi-site, US trial → submit data to FDA

NEXICART-2: <u>US</u>

CAR-T NXC-201 Clinical Trial



NEXICART-2 U.S. Relapsed/Refractory AL Amyloidosis Trial (NCT06097832)

NEXICART-2 NXC-201 TRIAL INITIATED IN MID-2024



Study design

- Open-label, single-arm Phase 1b/2 study
- n=40 patients (majority of which expected to be enrolled in Phase 2 portion)

Key criteria

Inclusion

 AL Amyloidosis patients exposed to at least 1 line of therapy including a CD38 monoclonal antibody

Evelucion

- Prior anti-BCMA directed therapy
- Cardiac: Mayo stage 3b, NYHA stage III/IV
- · Concomitant Multiple Myeloma

Outcome measures

- Phase 1b:
- Safety
- Efficacy: Hematologic response according to consensus recommendations in AL amyloidosis
- Phase 2:
 - Efficacy: Hematologic response according to consensus recommendations in AL amyloidosis
 - Safety

Status

Lead site Memorial Sloan Kettering and other US sites started mid-2024



*Dosing informed by NEXICART-1 Israel trial in which Complete Responses in light chain Amyloidosis were observed at all dose levels: 150M, 450M

Relapsed/Refractory AL Amyloidosis NXC-201 trial	Allows pre-existing severe cardiac patient enrollment?	Allows patients with prior BCMA-targeted therapy exposure?	Allows patients with concomitant Multiple Myeloma?
NEXICART-1: ongoing Israel trial	XYes	XYes	X Yes
NEXICART-2: ongoing US trial	√No	✓ No	√ No

Company believes
NEXICART-2 patients
are most likely to
benefit from
NXC-201 therapy

NEXICART-2: Patient enrollment focused on patients with preserved heart function



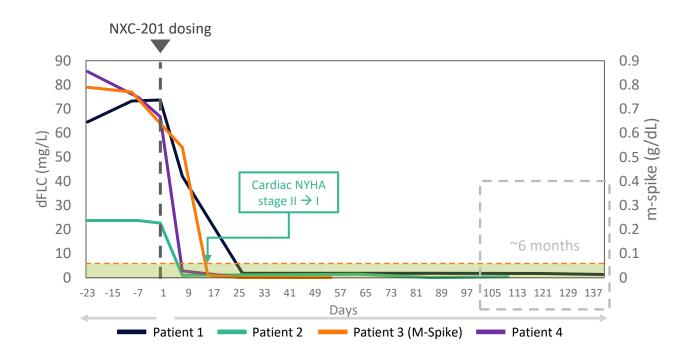


Preserved heart function

Patient #	1	2	3	4	Median (range)
Age	56	6 7	82	64	66 (56-82)
Gender	Female	Female	Male	Female	-
Prior lines of therapy	4	6	2	4	4 (2-6)
Follow up (days)	141	113	57	29	85 (29-141)
dFLC (mg/L)	65	24	-	86	65 (24-86)
M-Spike (g/dL, if dFLC not inclusion criteria)	-	-	0.79	-	-
FISH cytogenetics	1q21+	1q21+	1q21+	-	-
Organ involvement	Heart	Heart	Kidney	Heart	-
NYHA stage	I	II	I	I	-
NT-ProBNP (pg/mL)	146	560	1,297	218	389 (146-1,297)
hs-Troponin-I (ng/L)	7	6	42	7	7 (6-42)
Creatinine (mg/dL)	0.7	1.1	2.2	1.8	1.5 (0.7-2.2)
Albuminuria (mg/24 hrs)	143	0	3,032	10	77 (0-3,032)
Alk Phos (U/L)	94	40	73	83	78 (40-94)
MAYO stage	Stage II	Stage II	Stage II	Stage IIIA	-

NEXICART-2 Efficacy: Rapid Normalization of Diseased Light Chains within First ~Month; Consistent with Ex-US Dataset







The NEW ENGLAND
JOURNAL of MEDICINE

"An early and deep hematologic response has been found to lead to significantly prolonged survival"

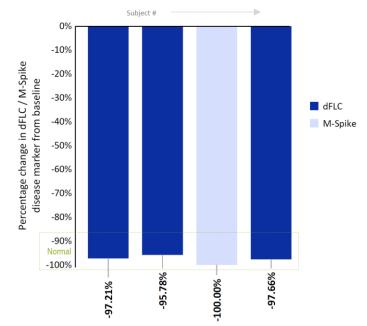
Vaishali Sanchorawala, M.D.
 Professor, Hematology and Oncology
 Director, Amyloidosis Center at Boston
 University School of Medicine
 Director, Stem Cell Transplantation at
 Boston Medical center

doi: 10.1056/NEJMra2304088

NEXICART-2 Efficacy: Rapid Normalization of Diseased Light Chains within First ~Month; Consistent with Ex-US Dataset

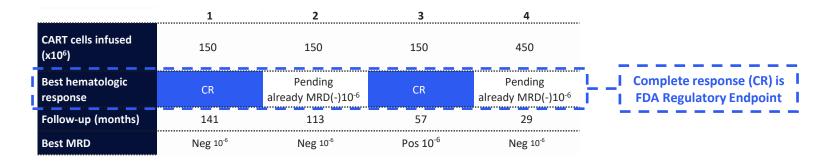


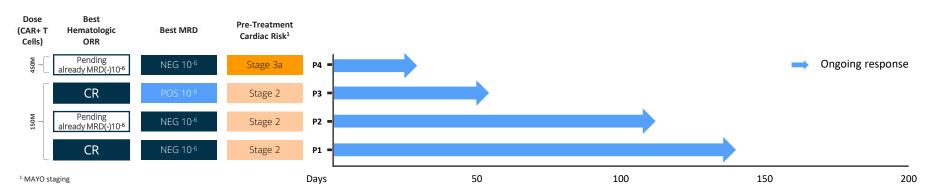
Subject #	NX2-001	NX2-002	NX2-003	NX2-004
NXC-201 Dose (million CAR+T cells)	150	150	150	450
AL Amyloidosis Status as of data cutoff	Normal	Normal	Normal	Normal
Disease Markers Time to normalization (days)	26	7	15	7
Response Status	CR	Pending (already MRD(-)10 ⁻⁶)	CR	Pending (already MRD(-)10 ⁻⁶)



NEXICART-2 Efficacy: Complete Responses in Two Patients and Remaining Two MRD- 10⁻⁶; All Patients in Ongoing Response as of Data Cut-off







NEXICART-2 Safety: Consistent or Improved Compared to Ex-US Dataset

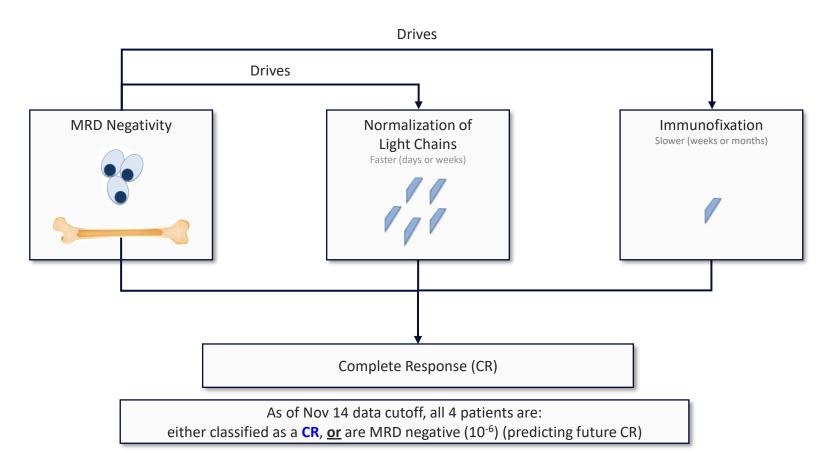


- No ICANS neurotoxicity of any kind
- Grade 2 CRS in one patient, Grade 1 CRS in one patient, both with 1 day duration

	Patient #	1	2	3	4	
	CART Cell Dose (x10 ⁶)	150	150	150	450	
Œ	Neurotoxicity	None	None	None	None	
Ξ	Cytokine release syndrome (CRS)	None	None	Grade 2	Grade 1	
ī	CRS Onset (days)	-	-	3	3	
L	CRS Duration (days)	-	-	1	1	<u></u>
	Neutropenia	Grade 3	Grade 3	Grade 3	Grade 4	
	Febrile Neutropenia	None	None	None	None	
	Anemia	Grade 1	Grade 2	Grade 3	Grade 1	
	Thrombocytopenia	Grade 1	Grade 1	None	Grade 1	
	Acute kidney failure	None	None	None	None	
	Liver Function Test Abnormalities	Grade 2	None	None	None	
	Serious Infections	None	None	None	None	
	Fatigue	None	None	None	None	

NEXICART-2: Drivers of Complete Response (CR) in relapsed/refractory AL Amyloidosis





Single-arm potentially pivotal NEXICART-2 trial designed considering NEXCIART-1 and precedents in AL



		2021 daratumumab (DARZALEX) FDA Approval	NXC-201 NEXICART-2
	Line of Therapy	Newly Diagnosed	Relapsed/Refractory
	Standard of Care (SoC) at time of trial	3-drug combination: Cyclophosphamide, bortezomib, dexamethasone	✓ None (no FDA approvals)
Patient Characteristics	Randomization vs. Standard of Care?	X Randomization vs. SoC	✓ No SoC to randomize against
	Lines of therapy prior to receiving study drug	X None	✓ At least 1 line of therapy including a CD38 monoclonal antibody
Study Design	Statistical Power	Based on the assumption that the percentage of patients with a hematologic complete response would be 15 percentage points higher in the daratumumab group than in the control group; approximately 360 patients were required to provide 85% power to detect this difference (two-sided alpha level of 0.05).	
	Primary Endpoint	✓ Hematologic complete resp	oonse rate for both studies

Single-arm, open-label FDA approval precedents include: Abecma/BMS (single arm study 100 patients in efficacy results population, FDA approved 2021); Carvykti/J&J (single arm study 97 patients in efficacy results population, FDA approved 2022); Elrexfio/Pfizer (single arm study 97 patients in efficacy results population, FDA approved 2023)

NEXICART-1: <u>Ex-US</u>

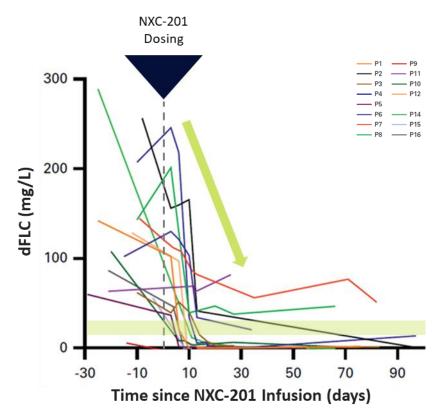
CAR-T NXC-201 Clinical Trial



NEXICART-1: Normalization of Diseased Free Light Chains 30 Days after Dosing



NXC-201 RAPIDLY ELIMINATES DISEASED AL AMYLOIDOSIS PLASMA CELLS AND EXITS WITHIN ~30 DAYS



(Each line represents 1 patient clinical data readout after NXC-201)



"An early and deep hematologic response has been found to lead to significantly prolonged survival"

Vaishali Sanchorawala, M.D.
 Professor, Hematology and Oncology
 Director, Amyloidosis Center at Boston University School of Medicine
 Director, Stem Cell Transplantation at Boston Medical center

doi: 10.1056/NEJMra2304088

NEXICART-1: 6 patients had pre-existing heart failure; 10 patients had preserved heart function IM



PRE-EXISTING HEART FAILURE CAUSES PHYSICALLY IRREVERSIBLE DISTORTION OF HEART STRUCTURE, SHAPE AND SIZE

Preserved heart function



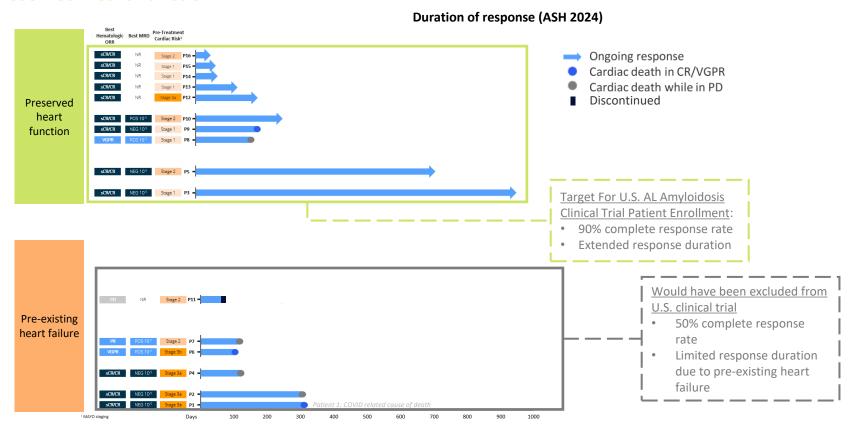
Pre-existing heart failure

																	Median (range)
Patient #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	ivieulali (ralige)
Age	64	58	82	63	64	72	55	68	78	59	64	64	63	67	70	58	64 (55-82)
Gender	Male	Female	Male	Male	Male	Female	Female	Male	Male	Male	Female	Male	Female	Male	Male	Male	11/16 M 5/16 F
dFLC (mg/L)	143	177	50	550	51	103	196	408	41	108	64	129	83	275	49	86	106 (41-550)
BMPCs (%)	3	15	1	15	0.1	1	1	10	15	1	1	1	0.5	1.5	0.5	0.3	1 (0.1-15)
FISH cytogenetics	t(11:14)	t(14:16) 1Q+	14Q-	t(11:14)	t(11:14)	t(11:14) 1Q+	14Q-	17p-	Normal	17p-	t(4:14) 1Q+	t(11:14)	t(11:14)	Normal	t(11:14)	Normal	7/16 (44%) t(11:14)
Organ involvement	Cardiac, Renal, PNS	Cardiac, Renal, Liver	Renal, GI	Cardiac, Liver, Lung, Soft tissue, PNS	Cardiac, Soft tissue, PNS	Cardiac, Renal, Liver	Cardiac, Soft tissue	Cardiac, Renal, Soft tissue	Renal	Cardiac, Renal, PNS	Cardiac, Renal, GI, Liver, Soft tissue, PNS	Cardiac, Renal	Cardiac, Renal, Soft tissue, GI	Liver	Cardiac, PNS, GI	Cardiac, Renal, GI, Liver	Heart: 13/16 (81%) Kidney: 11/16 (69%) Liver: 6/16 (38%)
NYHA stage	3	4	1	3	2	4	4	2	1	2	2	1	2	3	2	2	1-2: 10/16 (38%) 3: 3/16 (19%) 4: 3/16 (19%)
ProBNP (pg/ml)	7,500	2,008	119	2,773	731	28,000	6,600	220	930	669	211	3,158	281	191	107	964	831 (107-28,000)
Trop T (ng/L)	60	40	8	78	18.3	110	30	12	9	8	20						
Creatinine (mmol\L)	80	72	110	100	82	108	83	69	220	227	79						
Albuminuria (g/24h)	0.3	0.3	2.4	0.1	0.1	1.0	0	0	0.3	1.4	0						
ALKP (u/L)	45	218	84	140	84	186	166	106	160	59	160						
MAYO stage	3a	3a	1	3a	2	3b	2	1	1	2	2	3a	1	1	1	2	
ECOG PS	0	2	0	0	1	2	4	0	1	1	1	1	1	2	0	1	1 (0-4)
Concomitant MM	Yes	no	no	No	yes	no	No	no	no	no	no	no	no	no	no	no	2/16
Compassionate use	No	no	no	yes	no	no	yes	no	no	no	no	no	no	no	no	no	2/16

NEXICART-1 NXC-201 Produces Durable Complete Responses in Patients with



Preserved Heart Function



sCR: strict complete response, CR: complete response

NEXICART-1: 75% Complete Response Rate (is the FDA Regulatory Endpoint)





Patient #	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
CART cells infused	150	450	800	450	800	800	800	800	800	800	800	800	800	800	800	800
Best hematologic response	CR	CR	CR	CR	CR	VGPR	PR	VGPR	CR	CR	PD	CR	CR	CR	CR	CR
Follow-up (months)	10.3	10.2	31.5, ongoing	4.0	24.0, ongoing	3.3	3.8	5.5	6.0	8.7, ongoing	1.3	6.2, ongoing	4.2, ongoing	2.2, ongoing	2.0, ongoing	1.5, ongoing

☐ ☐ Complete response☐☐ ☐ (CR) is FDA☐ Regulatory Endpoint ☐

- **75% (12/16) Complete Response (CR) rate** (9 out of 16 were MRD- 10⁻⁵)
- Best responder: 31.5 months complete response ongoing as of December 9, 2024 cut-off
- Historical complete response rates for investigators choice is ~3-20%

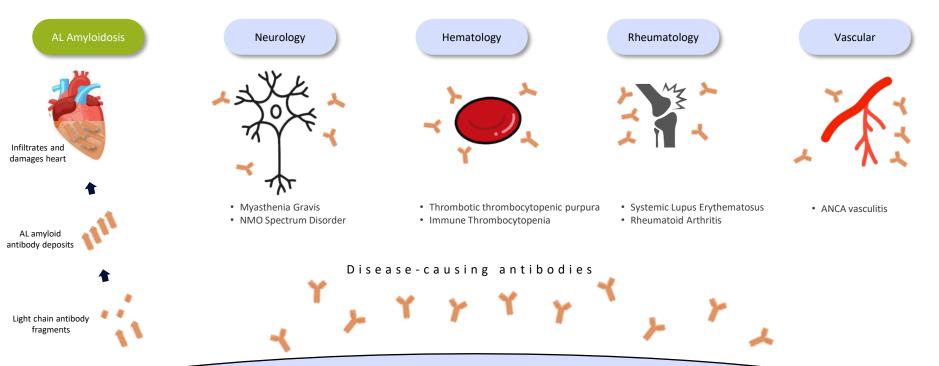
NXC-201: Potential to Expand to Select Immune-Mediated Diseases



CAR-T NXC-201 Targets Plasma Cells (antibody factories of the body)



ANTIBODY FACTORY PLASMA CELLS PRODUCE ANTIBODIES THAT DRIVE IMMUNE-MEDIATED DISEASES





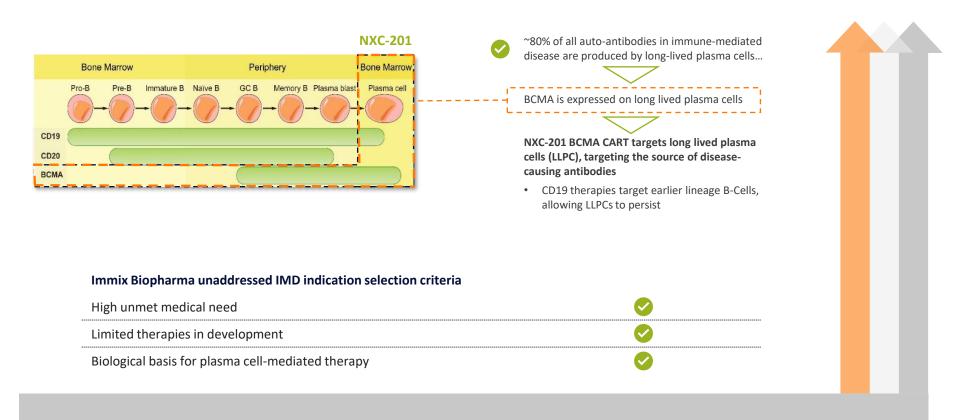
(NXC-201 therapeutic target)

Note: select indications noted above are for illustrative nurnoses only.

NXC-201 BCMA CAR-T targeting is uniquely suited to address Immune-Mediated Diseases



NXC-201 BCMA CAR-T TARGETS LONG-LIVED PLASMA CELLS, WHICH ARE OFF-TARGET FOR CD19 THERAPEUTICS



Appendix

January 2025



Advantages of CAR-T NXC-201 in Relapsed/Refractory AL Amyloidosis



		NXC-201	Antibody-drug conjugates	Bispecifics	
	One-time treatment	⊘	8	×	NVC 201
High (Complete Response Rates		×	×	NXC-201 uniquely suited for Relapsed/Refractory
	rates of severe infection	©	•	×	AL Amyloidosis
	o ICANS/Neurotoxicity	⊘	⊘	×	

Source, Fessibility of a Novel Academic Anti-BCMA Chimeric Antigen Receptor T-Cell (CART) (HBI0101) for the Treatment of Relapsed and Refractory At Amyloidosis, 65th ASH Annual Meeting and Exposition, San Diego, CA. October 2023. R. Chakraborty, et al. Safety and efficacy of teclistamab in rystemic immunoglobulin light chain amyloidosis, Blood Cancer Journal. October 2023. N. Forgeard, et al. Teclistamab in relapsed or refractory At amyloidosis, and amyloidosis, and amyloidosis, and amyloidosis, and amyloidosis, and amyloidosis. Blood Cancer J. 2023 Nov 27;13(1):172. doi: 10.1038/s41408-023-00950-3. PMID: 38012151; PMCID: PM

In AL Amyloidosis, NXC-201 Overcomes Limitations of Other Modalities in Performance and Tolerability

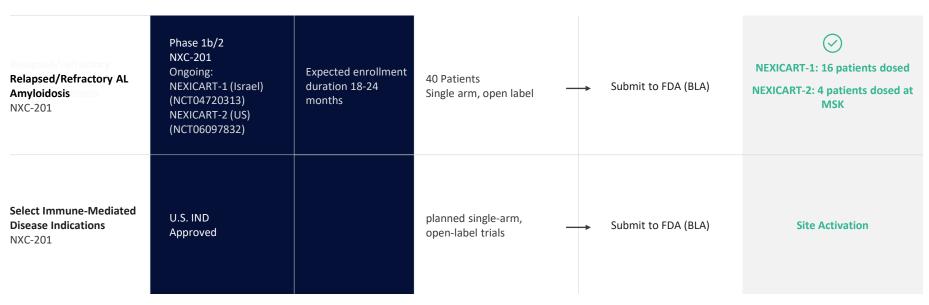


Challenges of bispecifics/ T-cell engagers **NXC-201** overcomes these challenges 75% CR in relapsed/refractory AL No clinical trials with clinical data amyloidosis available in relapsed/refractory AL amyloidosis 0 deaths from infection in relapsed/refractory AL amyloidosis Early data from select centers indicates bispecific responses and tolerability are Advantages of 0% neurotoxicity (0/16) in inferior to CAR-T (NXC-201) in NXC-201 CAR-T in relapsed/refractory AL amyloidosis relapsed/refractory AL amyloidosis patients **AL Amyloidosis** Retrospective study with 17 R/R One-time dosing with durable multiple myeloma + AL Amyloidosis patients: responses 41% CR 35% severe infections **Ongoing NEXCART-1** relapsed/refractory AL amyloidosis including death clinical trial with clinical data Grade 3 ICANS neurotoxicity presented at ASH 2024 reported Repeat/ongoing dosing with need for healthcare provider to administer

NXC-201 Clinical Development Plan Through FDA BLA Submissions



RELAPSED/REFRACTORY AL AMYLOIDOSIS CLINICAL TRIAL TO ENROLL 40 PATIENTS PRIOR TO FDA BLA SUBMISSION



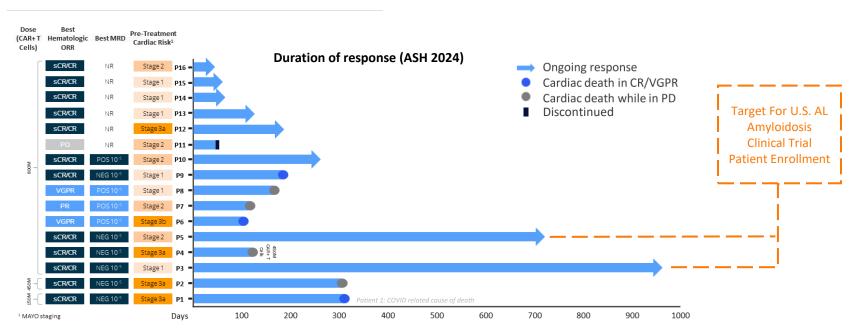
Note: 63 Relapsed/Refractory multiple myeloma patients have been dosed with NXC-201 in the ex-US NEXICART-1 clinical trial. Immix Biopharma is not actively pursuing US commercial approval in Relapsed/Refractory multiple myeloma at this time.

NEXICART-1: Durable Responses in NXC-201 AL Amyloidosis Clinical Trial



SWIMMER PLOT ORDER MATCHED TO ASH 2024 PRESENTATION

- Complete hematologic response (CR) of 75% (12/16), a precedent approval endpoint based on the only commercial treatment for AL
 amyloidosis
- Ongoing NEXICART-2 US trial targeting patients reflective of durable responders



sCR: strict complete response, CR: complete response

World-Class Team

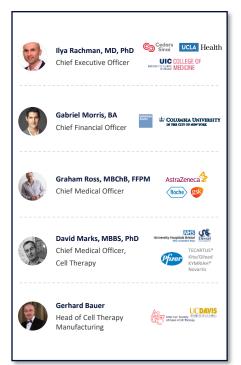


Management

Board of Directors

Business Advisors

Scientific Advisory Board









Principal Investigator for NEXICART-2: Heather Landau, MD





- Director of the Amyloidosis Program and a Bone Marrow Transplant Specialist & Cellular Therapist at Memorial Sloan-Kettering Cancer Center in New York.
- Authored more than 100 peer-reviewed publications.
- Dr. Landau received her medical degree from SUNY Upstate Medical University, completed her Internal Medicine residency at University of Colorado and her Hematology & Oncology fellowship at Memorial Sloan Kettering Cancer Center.

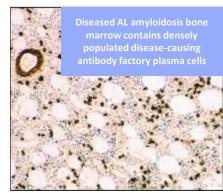
NXC-201 CAR-T cells penetrate tissues and repeat kill disease-causing cells in AL Amyloidosis



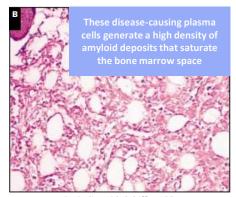
AL Amyloidosis pathologic light chains emerge from deep in the bone marrow where they are produced by pathologic antibody factory plasma cells

Traditional antibody-based therapies primarily address passively accessible target cells

NXC-201 is the only AL amyloidosis therapy in clinical development that actively penetrates deep into the bone marrow



Immunoperoxidase with hematoxylin counterstain, ×100



Periodic acid—Schiff, ×100

Antibody-based therapeutics have difficulty penetrating deep into organs where disease causing plasma cells reside

Inserm

"Plasma cells (PC) were detected in the [organs] of patients ... up to 6 months after rituximab treatment, and the PC population displayed a long-lived program"

doi:10.1172/JCI65689

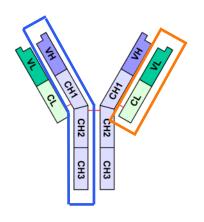
Pathologic Light Chains in AL Amyloidosis are an Antibody Building Block That Are Overproduced by Plasma Cells



A LIGHT CHAIN IS A PORTION OF AN ANTIBODY

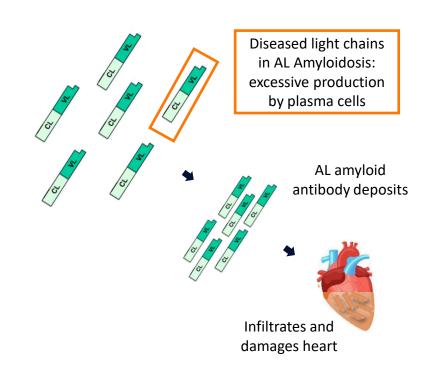
Light chain portion of antibody

Heavy chain portion of antibody



Normal antibody produced by plasma cell

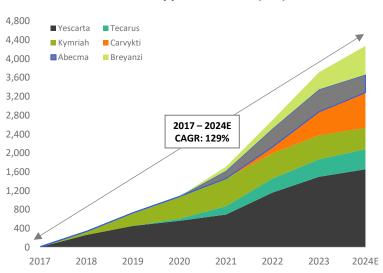
IN AL, PLASMA CELLS PRODUCE TOO MANY LIGHT CHAINS (AND NOT ENOUGH HEAVY CHAINS)



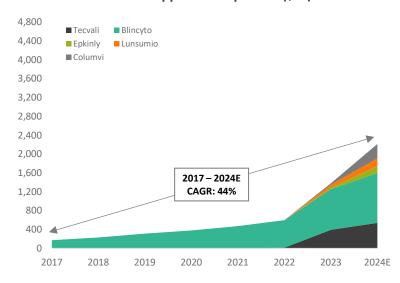
Robust Global Sales of CAR-T Continue



Sales of Approved CAR-T (\$M)



Sales of Approved Bispecifics (\$M)



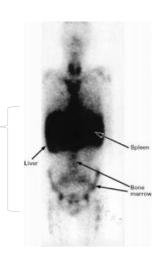
Amyloid deposits in AL Amyloidosis are cleared naturally after treatment



BEFORE TREATMENT

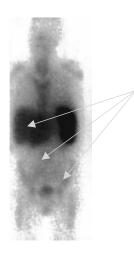
6-MONTHS AFTER TREATMENT

Pre-treatment imaging shows dense amyloid deposits in liver, bone marrow, and other organs in AL patient



Cytotoxic treatments (vincristine, adriamycin, and dexamethasone)





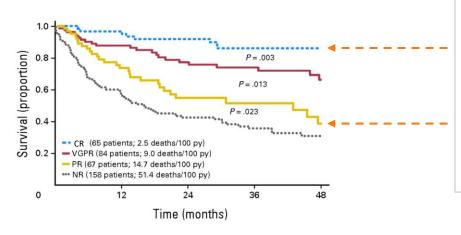
Post-treatment imaging shows clearance of amyloid in organs throughout the body

Complete Hematologic Response is correlated with longer survival

COMPLETE HEMATOLOGIC RESPONSE WAS PRIMARY ENDPOINT IN 2021 DARATUMUMAB APPROVAL STUDY AND ONGOING NEXICART-2 TRIAL



<u>Complete Hematologic Response (CR) associated with</u> <u>improved survival in AL</u>



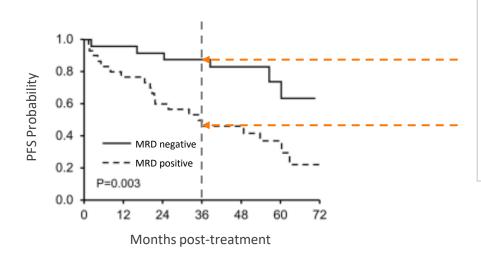
2x survival at 48 months for CR vs PR

- Complete Hematologic response patients have 85% survival at 48 months
- Partial hematologic response patients have 40% survival at 48 months

MRD- is Correlated with Improved PFS in AL Amyloidosis



MRD negativity is associated with improved Progression Free Survival in AL



2x PFS at 36 months for MRD- vs MRD+

(patients with CR or VGPR)

- MRD negative patients have 88% 36-month PFS
- MRD positive patients have 46% 36-month PFS

N-GENIUS Sterically-Optimized CARTs Drive Immix's Immune-Mediated Disease Leadership



N-GENIUS Platform

Through partnership Hadassah Medical Organization, Jerusalem and Bar-Ilan University, Immix is a pioneer in sterically-optimized CAR-T construct development, driving our next-generation industry-leading CAR-Ts in select immune-mediated diseases.

N-GENIUS developed sterically-optimized CAR-Ts allow for a differentiated safety and efficacy profile through modification of key regions of the CAR-T construct, driving a "digital" intracellular signal and overcoming limitations of current clinical stage and commercial CAR-Ts.

Portfolio of US patents, pending applications, and exclusive patent licenses, which cover our core technology platforms and product







N-GENIUS Platform has produced sterically-optimized BCMA CAR-T NXC-201 with COBRA binder and EXPAND technology



ALL BCMA CAR-TS ARE NOT CREATED EQUAL

N-GENIUS PLATFORM

3 Key Elements

Produced NXC-201



Purpose-Built Cell Therapy Evidence Capture Engine + Relational Database

Relating ImmixBio internal data to external to accelerate therapy design, manufacture, and preclinical



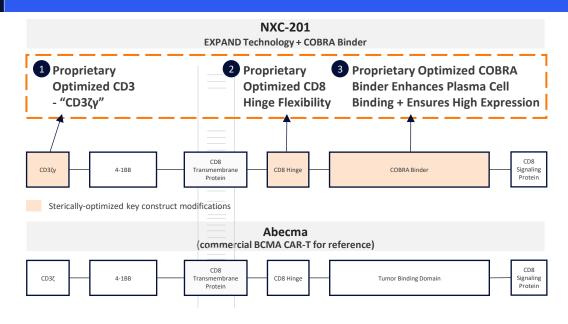
Proprietary EXPAND technology

Applied to multiple cell therapy indications, already utilized to create NXC-201, to potentially increase efficacy and tolerability



Atomized, Novel Binding Scaffold Generation Engine

Allows us to make the correct binding for every molecule



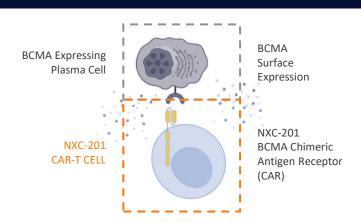
NXC-201 MoA: Sterically-Optimized BCMA-targeted CAR-T



NXC-201: STERICALLY-OPTIMIZED BCMA CAR-T GENERATED BY THE N-GENIUS PLATFORM

NXC-201

NXC-201 — Key Characteristics





High Transduction Efficiency (Ensuring efficient manufacturing)

*Carvykti data presented at ASH 2019; Abecma data presented at ASH 2017. CART-ddBCMA source Arcellx. Analysis based on cross-trial comparisons of publicly available data reported in ASH 2017 and 2019 and not a head-to-head clinical trial

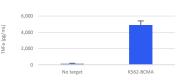




Low Tonic Signaling

(Lower off-target toxicity may lead to lower toxicity)

NXC-201 was co-cultured with the indicated target T cells and TNFα (B) and IL-2 (C) concentrations secreted in the culture supernatant were determined by ELISA.



NXC-201 is a next-generation chimeric antigen receptor (CAR) T-cell (CAR-T) produced by our N-GENIUS platform targeting B-cell maturation antigen (BCMA)

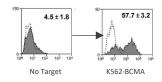
- High Overall Response Rates in AL Amyloidosis and Multiple Myeloma
- First Outpatient CAR-T: Short CRS duration (median 1 days) starting on day 1



Anti-Exhaustion Capability

(Increased Persistence may lead to efficacy over an extended period of time)

NXC-201 was co-cultured overnight then analyzed by flow cytometry for the expression of 4-1BB

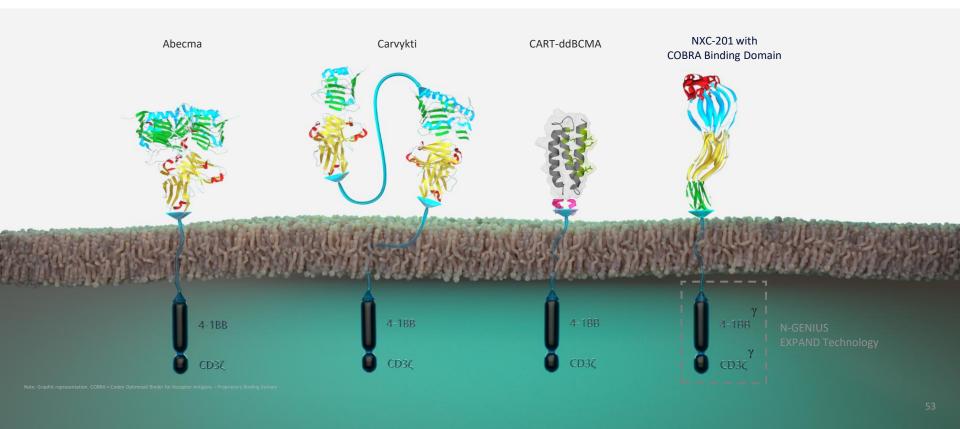


Source: Development and manufacturing of novel locally produced anti-BCMA CART cells for the treatment of relapsed/refractory multiple myeloma: phase I clinical results. Haematologica. 2022 Oct 6. doi: 10.3324/haematol.2022.281628. Epub ahead of print. PMID: 36200421.

Proprietary EXPAND Technology and COBRA Binding Domain Are Differentiated Innovations

N-GENIUS TECHNOLOGY PLATFORM: STERICLALLY-OPTIMIZED BCMA CAR-T NXC-201





NXC-201 Best-in-Class AL Amyloidosis Clinical Results



Relapsed/Refractory Light chain (AL) Amyloidosis

	IMMIX	Johnson-Johnson	AstraZeneca CAELUM	f prothena $^{\circ}$
	NXC-201 Monotherapy	Darzalex Combination (with cyclophosphamide, bortezomib, and/or dexamethasone)	CAEL-101	Birtamimab Combined with SOC CyBorD
Dosing frequency	1X	Weekly	Weekly	Weekly
Patient #s: n=	16	9	10 (renal), 24 (cardiac)	14 (cardiac), 15 (renal)
Hematologic Overall Response Rate	94%	22%	-	-
Hematologic Complete Response Rate	75%	0%	-	-
Hematologic CR + VGPR	88%	22%	-	-
Cardiac response – (NT-proBNP median reduction)	78%		39%	35%
Renal response (%)	33%		20%	60%
Median prior lines of therapy	4	1	2	2
% pretreated with CD38-targeted treatment (Darzalex/other)	100%	100%	?	0%

Birtamimab Source from ICO (Birtamimab development paused + restarted). CAEL-101 source: Edwards CV, et al. Phase 1a/b study of monoclonal antibody CAEL-101 (11-1F4) in patients with AL amyloidosis. Blood. 2021 Dec 23;138(25):2632-2641. doi: 10.1182/blood.202000939. PMID: 34521113; PMCID: PMC8703360. Darzalex source from Blood. Point-of-care CART manufacture and delivery: Poster. Poster Presentation, ESBMT 2023. Poster ASGCT 2023. Figures reflect cross-trial comparison and not results from a head-to head study. Differences exist between trial designs and subject characteristics, and caution should be exercised when comparing data across studies. Poster: IMS 2023. Poster: ASH 2023. Darzalex and Investigator's Choice: Theodorakakou, et al, Blood 2021. Astra Zeneca: Blood 2021. INVIC.2010 activities at ASCT 2024 birth profice excessioners to a MSCT 2024 birth profice excession and the profice excession and the profit of the profi

Differentiated NXC-201 safety profile validated in historical Multiple Myeloma data



NXC-201 tolerability data in Relapsed/Refractory Multiple Myeloma

Cytokine release syndrome					
	Cohort 1 (N=6)	Cohort 2 (N=7)	Cohort 3 (N=50)	Overall (n=63)	
Dose	150M	450M	800M		
CRS (n [%])					
Yes	5 (83%)	6 (86%)	48 (96%)	59 (94%)	
No	1 (17%)	1 (14%)	2 (4%)	4 (6%)	
CRS Start Day					
Median	6	0	0		
Min, Max	0, 21	0, 1	0, 4		
CRS Duration					
Median	3	2	1		
Min, Max	0,5	1,3	1,7		
CRS Grade (n [%])					
No CRS	1 (17%)	1 (14%)	2 (4%)	4 (6%)	
1	4 (67%)	2 (29%)	17 (34%)	23 (37%)	
2	1 (17%)	4 (57%)	24 (48%)	29 (46%)	
3	0 (0%)	0 (0%)	7 (14%)	7 (11%)	
4	0 (0%)	0 (0%)	0 (0%)	0 (0%)	
Tocilizumab (n [%])					
Yes	2 (33%)	4 (57%)	40 (80%)	46 (73%)	
No	4 (67%)	3 (43%)	10 (20%)	17 (27%)	
Steroids (n [%])					
Yes	0 (0%)	0 (0%)	8 (16%)	8 (13%)	
No	6 (100%)	7 (100%)	42 (84%)	55 (87%)	
Vasopressors (n [%])					
Yes	0 (0%)	0 (0%)	7 (14%)	7 (11%)	
No	6 (100%)	7 (100%)	43 (86%)	56 (89%)	

ICANS neurotoxicity					
	Cohort 1 (N=6)	Cohort 2 (N=7)	Cohort 3 (N=50)	Overall (n=63)	
Dose	150M	450M	800M		
ICANS (n [%])					
Yes	0 (0%)	0 (0%)	2 (4%)	2 (3%)	
No	6 (100%)	7 (100%)	48 (96%)	61 (97%)	
ICANS Grade (n [%])					
1-2	0 (0%)	0 (0%)	2 (4%)	2 (3%)	
3-4	0 (0%)	0 (0%)	0 (0%)	0 (0%)	

NXC-201 at 150M and 450M CAR+T cell dose (US AL Amyloidosis trial dosing):

- 0% Grade 3+ CRS
- 0% ICANS of any grade

Relapsed/Refractory Multiple Myeloma: Key Inclusion Criteria



	NXC-201 (NEXICART-1 NCT04720313)	Abecma (pivotal NCT03361748)	Carvykti (pivotal NCT03548207)	CART-ddBCMA (pivotal NCT05396885)
Prior lines of therapy	≥3 different prior lines of therapy including proteasome inhibitor, immunomodulatory therapy and ≥1 antibody therapy, refractory/ responsive to the last line of therapy	≥3 different prior lines of therapy including a proteasome inhibitor, an immunomodulatory agent and an anti-CD38 antibody, refractory to the last treatment regimen	≥3 different prior lines of therapy including a proteasome inhibitor, an immunomodulatory agent and an anti-CD38 antibody, refractory to the last treatment regimen, refractory or non-responsive to their most recent line of therapy	≥3 different prior lines of therapy including a proteasome inhibitor, an immunomodulatory agent and an anti-CD38 antibody, refractory to the last treatment regimen
Toxicity recovery	Recovery to Grade 2 or baseline of any non- hematologic toxicities due to prior treatments, excluding alopecia and Grade 3 neuropathy	Recovery to Grade 1 or baseline of any non- hematologic toxicities due to prior treatments	-	Resolution of adverse events (AEs) from any prior systemic anticancer therapy, radiotherapy, or surgery to Grade 1 or baseline
ECOG	0-2	0-1	0-1	0-1
Measurable disease	 Serum M-protein greater or equal to 0.5 g/dL Urine M-protein greater or equal to 200 mg/24 h Serum free light chain (FLC) assay: involved FLC level greater or equal to 5 mg/dL (50 mg/L) provided serum FLC ratio is abnormal 	 Serum M-protein greater or equal to 1.0 g/dL Urine M-protein greater or equal to 200 mg/24 h Serum free light chain (FLC) assay: involved FLC level greater or equal to 10 mg/dL (100 mg/L) provided serum FLC ratio is abnormal 	Serum monoclonal paraprotein (M-protein) level more than or equal to (>=) 1.0 gram per deciliter(g/dL) Urine M-protein level >=200 milligram per 24 hours (mg/24hr) Light chain multiple myeloma without measurable disease in the serum or the urine: Serum immunoglobulin free light chain 10 mg/dL and abnormal serum immunoglobulin kappa lambda free light chain ratio	 Serum M-protein ≥1.0 g/dL Urine M-protein ≥200 mg/24 hours Involved serum free light chain ≥10 mg/dL with abnormal κ/λ ratio (i.e., >4:1 or <1:2)

Relapsed/Refractory Multiple Myeloma: Key Exclusion Criteria



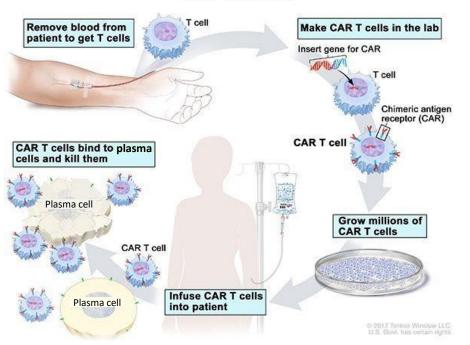
	NXC-201 (NEXICART-1 NCT04720313)	Abecma (pivotal NCT03361748)	Carvykti (pivotal NCT03548207)	CART-ddBCMA (pivotal NCT05396885)
Prior BCMA therapy	No exclusion	BCMA targeted therapy	Have received any therapy that is targeted to B-cell maturation antigen (BCMA)	Prior B-cell maturation antigen (BCMA) directed therapy
Prior cell therapy	Investigational cellular therapies within 8 weeks prior to the start of lymphodepletion	Investigational cellular therapy for cancer	Have received prior treatment with chimeric antigen receptor T (CAR-T) therapy directed at any target	Prior treatment with any gene therapy or gene- modified cellular immune-therapy

What is autologous chimeric antigen receptor (CAR)-T cell therapy?

NXC-201 IS A NEXT-GENERATION BCMA TARGETED AUTOLOGOUS CAR-T CELL THERAPY







Patient Specific

Personalized treatment using patient's own T cells

Genetic Modification

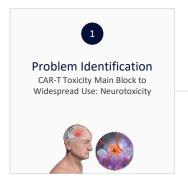
Genetically engineered CARs (chimeric antigen receptors) on T cell surface

Targeted Therapy

Target cells that express antigens recognized by CARs

N-GENIUS Platform Process





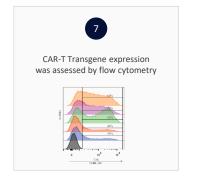


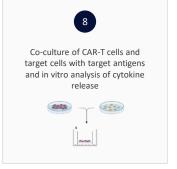


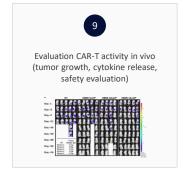














Source:: Harush O, et al. Haematologica. 2022;

Clinical Stage CAR-T for AL Amyloidosis and Select Immune-Mediated Diseases

January 2025

