

# **Nurix Therapeutics**

Blazing a New Path in Medicine

American Society of Hematology Investor Event **December 9, 2024** 

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# **ASH 2024**

# Three abstracts on Nurix BTK degraders, including two oral presentations

Program	Title	Authors	Abst #	Presentation
NX-5948	Efficacy and Safety of the Bruton's Tyrosine Kinase (BTK) Degrader NX-5948 in Patients with Relapsed/Refractory (R/R) Chronic Lymphocytic Leukemia (CLL): Updated Results from an Ongoing Phase 1a/b Study	Nirav Shah et al.	884	ORAL Session Name: 642. Chronic Lymphocytic Leukemia: Clinical and Epidemiological: Treating Refractory Disease-Novel Agents and Quality-of- Life Session Date: Monday, December 9, 2024
NX-5948	BTK Degradation As a Novel Therapeutic Strategy in Relapsed CNS Lymphoma: Proof of Concept Studies in Intracranial Patient-Derived, Rodent Models	Jun Ma et al.	2988	POSTER Session Name: 622. Lymphomas: Translational – Non-Genetic: Poster II Date: Sunday, December 8, 2024
NX-5948 & NX-2127	NX-2127 and NX-5948, Two Clinical Stage Cereblon-Recruiting BTK Degraders, Facilitate T Cell Functionality in Chronic Lymphocytic Leukemia	Tiana Huynh et al.	77	ORAL Session Name: 641. Chronic Lymphocytic Leukemia: Basic and Translational: Therapeutic Vulnerabilities, Signaling, and Microenvironment Date: Saturday, December 7, 2024



# Agenda

NX-5948: Efficacy and safety of NX-5948 in patients with relapsed/refractory chronic lymphocytic leukemia

NX-5948: Preliminary findings in patients with Waldenstrom's Macroglobulinemia

NX-5948: Advancing into pivotal development in 2025

Section I: Q&A

NX-2127 and NX-1607: Clinical updates and next steps

Rationale for assessing NX-5948 in inflammation and immunology (I&I)

Nurix's I&I strategy

Section II: Q&A

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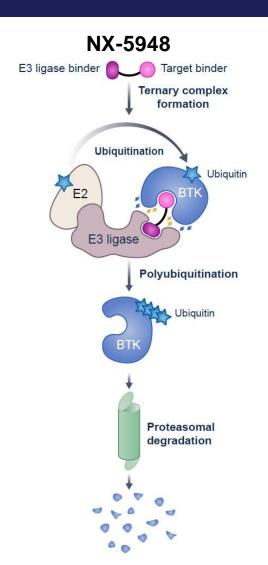


Efficacy and safety of the Bruton's tyrosine kinase (BTK) degrader NX-5948 in patients with relapsed/refractory chronic lymphocytic leukemia: updated results from an ongoing Phase 1a/b study

<u>Nirav N. Shah</u>, Zulfa Omer, Graham Collins, Francesco Forconi, Alexey Danilov, John C. Byrd, Dima El Sharkawi, Emma Searle, Alvaro Alencar, Shuo Ma, Sarah Injac, Talha Munir

# Background

### Novel BTK degrader NX-5948 addresses current unmet need in CLL treatment



- The current standard of care in CLL focuses on utilizing the inhibitors of two key signaling pathways – BTK and BCL2
- Unmet need still exists in the CLL treatment landscape:
  - Covalent and non-covalent BTKi resistance mutations<sup>1</sup> are found in more than half of patients who progress on BTKi therapies<sup>2</sup>
  - Some mutations in BTK can maintain intact B-cell receptor signaling through a scaffolding function of BTK<sup>3</sup>
  - The number of BCL2i refractory and double (BTKi/BCL2i) refractory patients is growing<sup>4</sup>
- Novel BTK degrader NX-5948 offers an additional treatment modality:
  - Can overcome treatment-emergent BTKi resistance mutations<sup>5</sup> and disrupt BTK scaffolding<sup>3,5</sup>

#### References

- 1. Noviski et al. 20th Biennial International Workshop on CLL Meeting, Boston, MA. October 6-9, 2023
- 2. Molica et al. 66th ASH Annual Meeting, December 7–10, 2024
- 3. Montoya et al. Science 2024;383
- 4. Hayama and Riches. Onco Targets 2024;17
- 5. Linton K, et al. Oral presentation at European Hematology Association Hybrid Congress; 16 June 2024

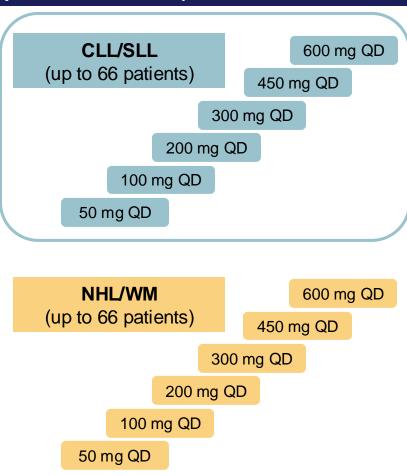
# NX-5948-301: Trial Design

### Phase 1a/b trial in adults with relapsed/refractory B-cell malignancies

# Phase 1a dose escalation (completed enrollment)

### Key eligibility criteria

- Age ≥18 years
- Relapsed/refractory disease
- ≥2 prior lines of therapy (≥1 for PCNSL)
- ECOG PS 0–1 (ECOG PS 0–2 for PCNSL)



# Phase 1b dose expansion (N = up to 160 patients)

### CLL/SLL 200 mg QD

Prior BTKi and BCL2i Prior BTKi and BCL2i

#### WM

3L+ post-BTKi

### WM

2L post-BTKi

CLL/SLL 600 mg QD

### MCL

Prior BTKi and anti-CD20 CIT

#### MZL

Prior anti-CD20 CIT and ≥2 prior LoT

### **DLBCL**

Prior anthracycline, anti-CD20 CIT + 1 LoT

#### FL

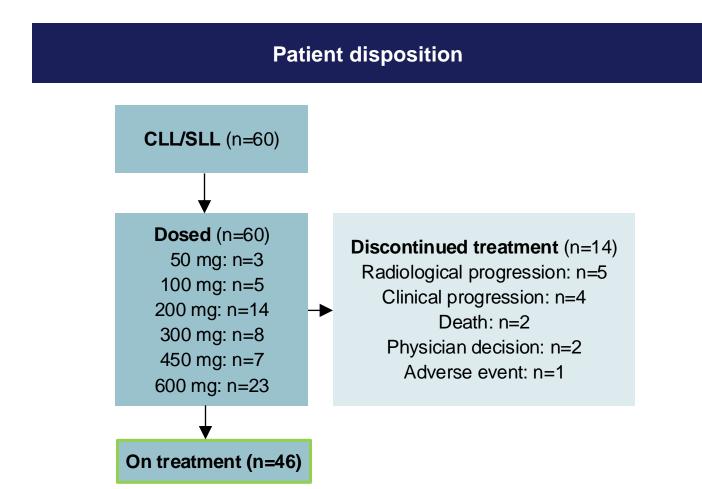
Prior anti-CD20 CIT + 1 LoT

### PCNSL/SCNSL

Patients who have progressed or had no response to ≥1 prior LoT

# **CLL Patient Disposition and Demographics**

Phase 1a and 1b



### Patient demographics

Characteristics	Patients <sup>a</sup> (n=60)
Median age, years (range)	67.0 (35–88)
Sex, n (%) Male	38 (63.3)
Ethnicity, n (%) Hispanic or Latino	4 (6.7)
Race, n (%) Black or African American White Other	5 (8.3) 51 (85.0) 4 (6.7)

<sup>&</sup>lt;sup>a</sup>Population demographics in CLL cohort were comparable to those in the overall population

### **Baseline Disease Characteristics**

### Multiple prior lines of therapy and high prevalence of baseline mutations

Characteristics	Patients with CLL/SLL <sup>a</sup> (n=60)
ECOG PS, n (%)	
0	24 (40.0)
1	36 (60.0)
CNS involvement, n (%)	5 (8.3)
Median prior lines of therapy (range)	4.0 (1–12)
Previous treatments <sup>b</sup> , n (%)	
BTKi	59 (98.3)
cBTKi	59 (98.3)
ncBTKi <sup>c</sup>	17 (28.3)
BCL2i	50 (83.3)
BTKi and BCL2i	49 (81.7)
CAR-T therapy	3 (5.0)
Bispecific antibody	4 (6.7)
PI3Ki	18 (30.0)
Chemo/chemo-immunotherapies (CIT)	43 (71.7)
Mutation status <sup>d</sup> (n=57), n (%)	
TP53	23 (40.4)
BTK	22 (38.6)
PLCG2	7 (12.3)
BCL2	6 (10.5)

<sup>&</sup>lt;sup>a</sup>Baseline disease characteristics in CLL cohort were comparable to those in the overall population; <sup>b</sup>Patients could have received multiple prior treatments; <sup>c</sup>All patients who received ncBTKi have also previously received cBTKi; <sup>d</sup>Mutations presented here were centrally sequenced.

# NX-5948 Safety Profile

### TEAEs in ≥10% of overall population or Grade ≥3 TEAEs or SAEs in >1 patient

	Patients with CLL/SLL (n=60)			Overall population (N=125)		
TEAEs, n (%)	Any grade	Grade ≥3	SAEs	Any grade	Grade ≥3	SAEs
Purpura/contusion <sup>a</sup>	22 (36.7)	<del>-</del>	_	42 (33.6)	_	_
Fatigue <sup>b</sup>	16 (26.7)	_	-	29 (23.2)	2 (1.6)	_
Petechiae	16 (26.7)	<del>-</del>	_	28 (22.4)	_	_
Thrombocytopeniac	10 (16.7)	1 (1.7)	-	26 (20.8)	7 (5.6)	_
Rash <sup>d</sup>	14 (23.3)	1 (1.7)	1 (1.7)	24 (19.2)	2 (1.6)	1 (0.8)
Neutropenia <sup>e</sup>	14 (23.3)	11 (18.3)	_	23 (18.4)	18 (14.4)	_
Anemia	11 (18.3)	4 (6.7)	_	21 (16.8)	10 (8.0)	_
Headache	10 (16.7)	_	_	21 (16.8)	1 (0.8)	1 (0.8)
COVID-19 <sup>f</sup>	10 (16.7)	_	_	19 (15.2)	2 (1.6)	2 (1.6)
Diarrhea	12 (20.0)	1 (1.7)	_	18 (14.4)	1 (0.8)	_
Cough	9 (15.0)	_	_	16 (12.8)	1 (0.8)	_
Pneumoniag	4 (6.7)	2 (3.3)	2 (3.3)	10 (8.0)	6 (4.8)	6 (4.8)
Lower respiratory tract infection	3 (5.0)	1 (1.7)	1 (1.7)	9 (7.2)	3 (2.4)	2 (1.6)
Fall	1 (1.7)	1 (1.7)	1 (1.7)	8 (6.4)	2 (1.6)	2 (1.6)
Hypertension	2 (3.3)	1 (1.7)	_	7 (5.6)	5 (4.0)	_
Hyponatremia	-		-	3 (2.4)	2 (1.6)	_
Pulmonary embolism	1 (1.7)	1 (1.7)	1 (1.7)	2 (1.6)	2 (1.6)	2 (1.6)
Subdural hematoma	1 (1.7)	_	1 (1.7)	2 (1.6)	1 (0.8)	2 (1.6)

- Tolerable safety profile consistent with prior disclosures
- 1 case of Grade 1 AFib in a CLL patient with pre-existing AFib
- 6 TEAEs resulted in drug discontinuation (1 CLL;
   5 NHL)
- 2 Grade 5 AEs (1 pulmonary embolism; 1 case pending) deemed not related to NX-5948

<sup>&</sup>lt;sup>a</sup>Purpura/contusion includes episodes of contusion or purpura; <sup>b</sup>Fatigue was transient; <sup>c</sup>Aggregate of 'thrombocytopenia' and 'platelet count decreased'; <sup>d</sup>Aggregate of 'rash' and 'rash maculopapular' and 'rash pustular';

eAggregate of 'neutrophil count decreased' or 'neutropenia'; 'Aggregate of 'COVID-19' and 'COVID-19 pneumonia'; 'Aggregate of 'pneumonia' and 'pneumonia' and 'pneumonia'; 'Aggregate of 'neutropenia'; 'n

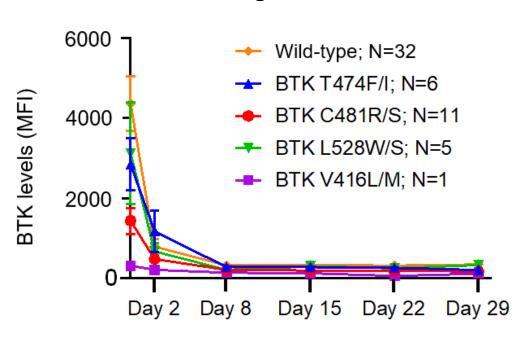
# NX-5948 Degrades Wild-Type and Mutated BTK

NX-5948 degrades gatekeeper, kinase-proficient and kinase-dead BTK mutations

	Patients with CLL/SLL (n=57)°
Baseline mutation status, n (%)	
BTK mutations <sup>1,a,b</sup>	22 (38.6)
C481S	12 (21.1)
C481R	2 (3.5)
L528W	4 (7.0)
L528S	1 (1.8)
T474I	5 (8.8)
T474F	1 (1.8)
V416M	1 (1.8)
V416L	1 (1.8)
G541V	1 (1.8)

<sup>&</sup>lt;sup>a</sup>Patients could have multiple prior treatments and BTK mutations; BTK mutations were tested at baseline by next-generation sequencing centrally. ≥5% allelic frequency is reported

### **BTK** degradation



Note: Some patients have multiple BTK mutations

<sup>&</sup>lt;sup>b</sup>Patients can have more than one resistance mutation

<sup>&</sup>lt;sup>c</sup>Patients with available mutation status

# NX-5948 Overall Response Assessment

Response rate deepens with longer time on treatment

CLL response-evaluable patients	Primary ORR analysis <sup>b</sup> ≥1 response assessment(s) at 8 weeks (n=49) <sup>c</sup>	Exploratory ORR analysis <sup>b</sup> ≥2 response assessments at 16 weeks (n=38) <sup>c</sup>
Objective response rate (ORR), <sup>a</sup> % (95% CI)	75.5 (61.1–86.7)	84.2 (68.7–94.0)
Best response, n (%)		
CR	0 (0.0)	0 (0.0)
PR	36 (73.5)	32 (84.2)
PR-L	1 (2.0)	0 (0.0)
SD	10 (20.4)	4 (10.5)
PD	2 (4.1)	2 (5.3)

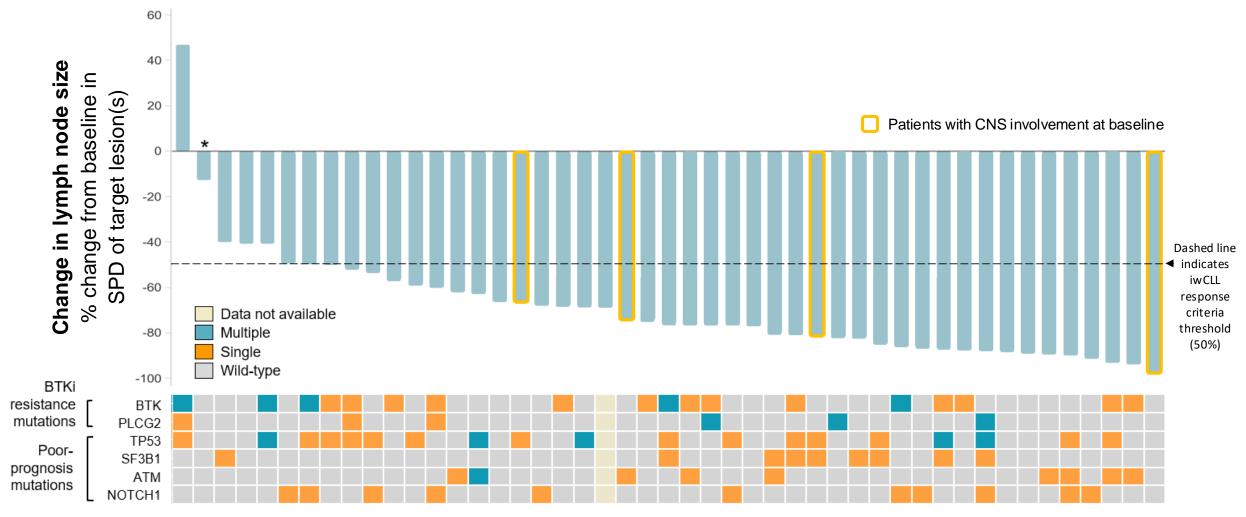
<sup>&</sup>lt;sup>a</sup>Objective response rate includes CR + PR + PR-L

<sup>&</sup>lt;sup>b</sup>Patients who progressed prior to their first response assessment and patients who discontinued for any reason after their first response assessment are included in the denominators

<sup>&</sup>lt;sup>c</sup>Patients without identified target lesion(s) at baseline are evaluated as disease-evaluable per iwCLL criteria, while they may not be represented in waterfall plot

# Lymph Node Assessment and High-Risk Molecular Features

Clinical activity in patients with CLL including those with baseline mutations and CNS involvement

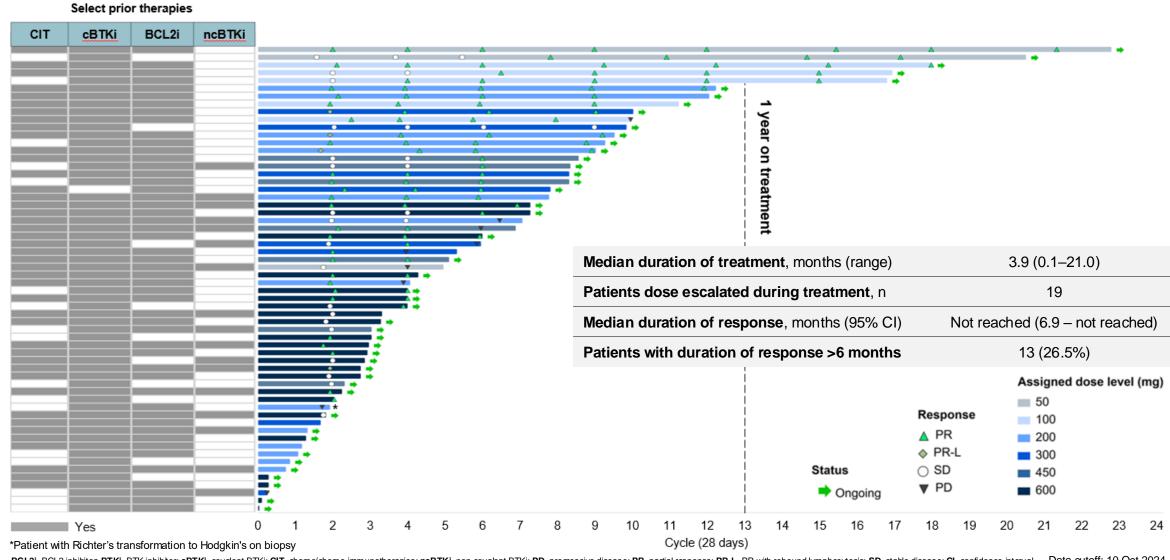


<sup>\*</sup>Patient with Richter's transformation to Hodgkin's on biopsy

Note: patients without identified target lesion(s) at baseline are evaluated as disease-evaluable per iwCLL criteria, while they may not be represented in waterfall plot **ATM**, Ataxia-telangiectasia mutated; **BTK**, Bruton's tyrosine kinase; **BTKi**, BTK inhibitor; **CLL**, chronic lymphocytic leukemia; **CNS**, central nervous system; **iwCLL**, International Workshop on CLL; **NOTCH1**, neurologic locus notch homolog protein 1; **PLCG2**, phospholipase C gamma 2; **SPD**, sum of products diameters

### NX-5948 Duration of Treatment

## Durable responses regardless of prior therapy



### Conclusions

- In this ongoing Phase 1 study, the BTK degrader NX-5948 demonstrated an encouraging clinical profile in a heavily pre-treated population of patients with CLL
- NX-5948 was well tolerated across B-cell malignancies, with no additional safety signals observed with longer duration on study or increased dose
- Robust and deepening clinical responses were observed in a heavily pretreated CLL patient population including patients with baseline BTK and PLCG2 mutations, high risk molecular features and CNS involvement
  - 75.5% ORR deepening to 84.2% ORR in patients with longer follow-up
- Durable responses achieved in patients with high unmet clinical need, post-BTKi, BCL2i
  - 13 patients with duration of response 6+ months and 5 patients remaining on treatment beyond 1 year

Phase 1b dose expansion is underway and pivotal trial(s) initiation is planned in 2025

NX-5948: Preliminary findings in patients with Waldenstrom's macroglobulinemia

Highlights from the International Workshop on Waldenstrom's Macroglobulinemia (IWWM) in October 2024





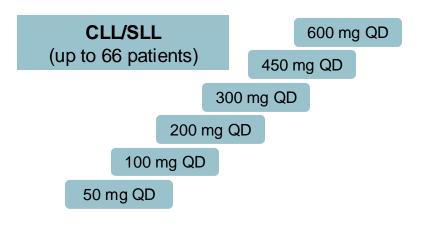
# NX-5948-301: Trial Design

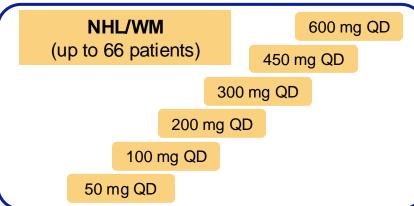
### Phase 1a/b trial in adults with relapsed/refractory B-cell malignancies

# Phase 1a dose escalation (completed enrollment)

### Key eligibility criteria

- Age ≥18 years
- Relapsed/refractory disease
- ≥2 prior lines of therapy (≥1 for PCNSL)
- ECOG PS 0–1 (ECOG PS 0–2 for PCNSL)





# Phase 1b dose expansion (N = up to 160 patients)

### CLL/SLL 200 mg QD

Prior BTKi and BCL2i

### CLL/SLL 600 mg QD

Prior BTKi and BCL2i

### WM

3L+ post-BTKi

### WM

2L post-BTKi

### MCL

Prior BTKi and anti-CD20 CIT

#### MZL

Prior anti-CD20 CIT and ≥2 prior LoT

### **DLBCL**

Prior anthracycline, anti-CD20 CIT + 1 LoT

#### FL

Prior anti-CD20 CIT + 1 LoT

#### PCNSL/SCNSL

Patients who have progressed or had no response to ≥1 prior LoT

# Baseline Demographics/Disease Characteristics

Elderly population with multiple prior lines of targeted therapies

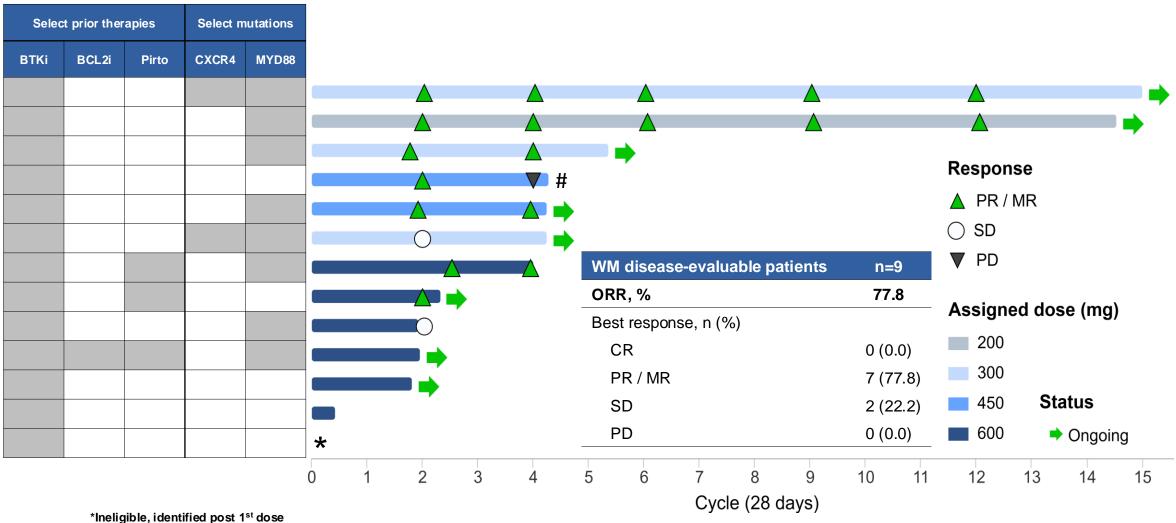
Characteristics	Patients with WM (n=13)
Median age, years (range)	74.0 (64–82)
Male, n (%)	11 (84.6)
ECOG PS, n (%) 0 1	3 (23.1) 10 (76.9)
CNS involvement, n (%)	0
Median prior lines of therapy (range)	3.0 (2–5)
Previous treatments <sup>a</sup> , n (%)	
BTKi	13 (100.0)
Pirtobrutinib	3 (23.1)
BCL2i	1 (7.7)
BTKi and BCL2i	1 (7.7)
CAR-T therapy	0 (0.0)
Bispecific antibody	0 (0.0)
PI3Ki	0 (0.0)
Chemo/chemo-immunotherapies	13 (100.0)
Mutation status*, n (%)	(n=13)
MYD88	8 (61.5)
CXCR4	2 (15.4)

<sup>&</sup>lt;sup>a</sup>Patients could have received multiple prior treatments

<sup>\*</sup>Mutation status was gathered from historic patient records



# NX-5948 Efficacy and Duration of Treatment in Patients with WM

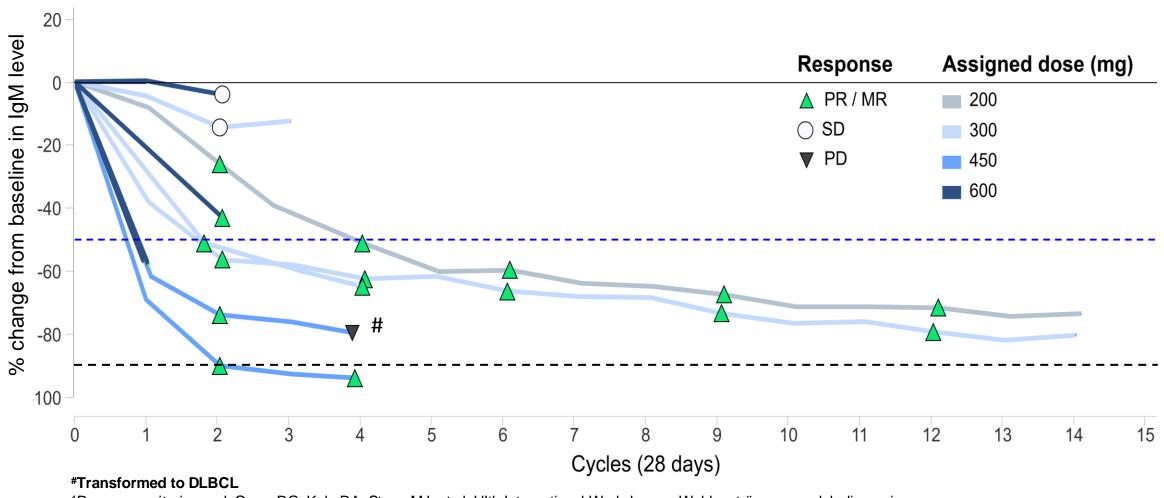




\*Ineligible, identified post 1st dose #Transformed to DLBCL

# Steady Decrease in IgM Levels in Patients Treated with NX-5948

Percent change in IgM levels from baseline in patients with WM<sup>1</sup>





<sup>1</sup>Response criteria used: Owen RG, Kyle RA, Stone MJ, et al. VIth International Workshop on Waldenström macroglobulinaemia. Response assessment in Waldenström macroglobulinaemia: update from the VIth International Workshop. Br J Haematol 2013;160:171–6

# Conclusions – Waldenstrom's Macroglobulinemia

- NX-5948 was administered to 13 WM patients with a median of 3 prior lines of therapy, all of whom had been treated previously with both chemotherapy and BTK inhibitors
- NX-5948 is well tolerated in WM patients, consistent with the overall NHL and CLL populations
- Highly encouraging overall response rate of 77.8%, with increasing depth of response over time
- These data support continued development of NX-5948 for WM; Phase 1b dose expansion is underway



NX-5948: Advancing into pivotal development in 2025

Regulatory update and development plans in CLL



# NX-5948 Regulatory Milestones

Advancing NX-5948 program globally toward pivotal trials in CLL

- U.S. Fast Track Designation from the FDA in January 2024
- CLL Type B End of Phase 1 meeting held with the FDA, key takeaways:
  - Reviewed dose levels of 200 mg QD and 600 mg QD in the context of Project Optimus
  - Helpful feedback on principles of pivotal trial designs including Fast Track population and considerations for randomized controlled trials
  - Nurix plans future interactions in 2025 as sufficient data is accumulated from 200 mg and 600 mg QD cohorts
- EU expansion of enrollment into France, Poland, Italy and Spain approved in Q3 2024, site activation underway
- EU PRIME designation from EMA in November 2024



# Nurix Is Accelerating Development of NX-5948 in CLL with First Pivotal Study To Be Initiated in 2025

### **Current status in CLL**

- Clear demonstration of clinical activity in difficult to treat CLL population
- Phase 1b cohorts enrolling rapidly with post-BTKi/post-BCL2i CLL patients randomized between 200mg QD and 600mg QD
- Planning for a broad Phase 3 program across lines of therapy as monotherapy and in combination with other approved agents

### Outline of potential pivotal plans in CLL\*

### Potential path for accelerated approval

1. Single-arm monotherapy trial in post-BTKi/post-BCL2i patients (Fast Track population)

### Confirmatory study in 2L+

2. Randomized head-to-head trial vs. comparator(s)\* in the post-BTKi, 2L+ population

### **Expansion to 1L+**

- 3. Monotherapy head-to-head vs. investigator choice BTKi\* including BTKi treatment naïve patients
- 4. NX-5948 in combination with BCL2i head-to-head vs. standard of care\*



Section I: Q&A



NX-1607 and NX-2127

Clinical updates and next steps





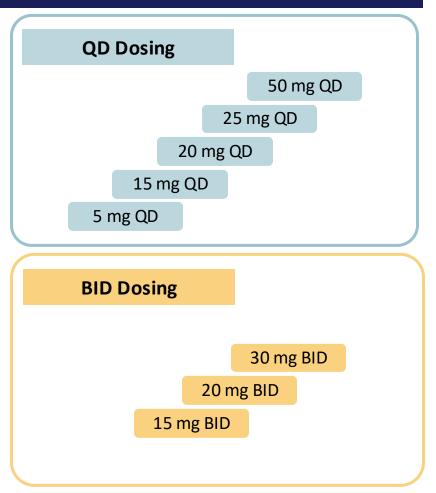
### NX-1607: Phase 1a/b Trial in Patient with Advanced Solid Tumors

Extensive exploration of dose and schedule to optimize tolerability and PD effects

### **Phase 1a Monotherapy Dose Escalation**

### Key eligibility criteria

- Age ≥18 years
- Metastatic/unresectable disease and exhausted available therapies
- Measurable disease according to applicable response criteria
- ECOG PS 0-1



Potential Phase 1b Monotherapy Dose Expansion Cohorts

Indication 1 dose A

Indication 1 dose B

Indication 2 dose A

**Indication 2 Dose B** 

**Phase 1a Combination Dose Escalation** 

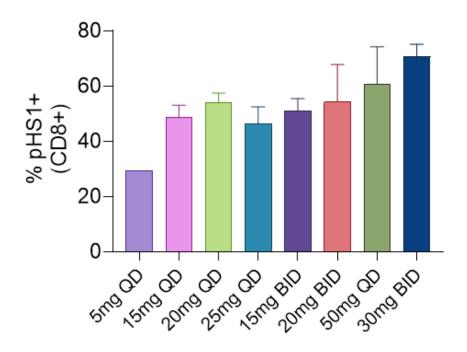
**Paclitaxel** 

Pembrolizumab (potential)

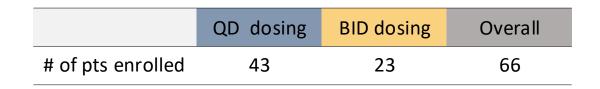


# Dose Dependent Increase in Proprietary Proximal Biomarker Supports Benefit of Twice Daily Dosing

# Dose-Dependent Increase in Proximal Biomarker Levels Following CBL-B Inhibition



HS1, Hematopoietic lineage cell-specific protein 1; pHS1, Phosphorylated HS1



- Inhibition of CBL-B by NX-1607 blocks degradation of substrate proteins and enhances signaling through the T cell receptor
- Elevation of phosphorylated HS1 (pHS1) serves as proximal biomarker of enhanced T cell signaling
- Increased pHS1 is associated with efficacy in animal tumor models
- Addition of twice daily (BID) dosing has allowed us to achieve desired levels of pHS1 with improved GI tolerability



# NX-1607 Status and Next Steps

### **Status**

- Phase 1a has enrolled 66 heavily pretreated patients across 11 different solid tumor indications
- Oral dosing of NX-1607 has been associated with gastrointestinal tolerability issues that have been mitigated through exploration of ramp-up dosing, BID regimens, and anti-emetic prophylaxis
- Drug exposures and proximal biomarker levels at the higher dose ranges are consistent with levels associated with anti-tumor activity in nonclinical models
- Preliminary evidence of stable disease, tumor shrinkage, and biomarker and clinical responses have been observed

### **Next Steps**

- Additional patients in the BID dosing arms are required to establish Phase 1b monotherapy dose
- Additional clinical data will be shared after selection of a Phase 1b expansion dose(s) and indication(s)



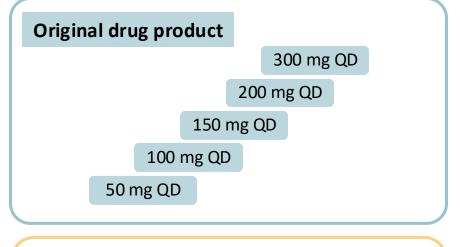
# NX-2127: Phase 1a/b Trial in Relapsed/Refractory B-cell Malignancies

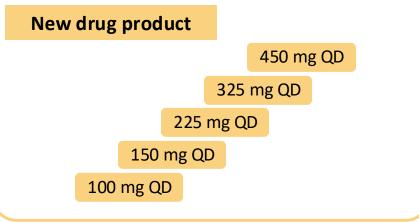
Enrollment ongoing in dose escalation with new drug product

### **Phase 1a Dose Escalation**

### Key eligibility criteria

- Age ≥18 years
- Relapsed/Refractory disease
- Ph1a: ≥2 prior lines of therapy (≥1 for WM or PCNSL)
- Ph1b: Prior BTKi for CLL/SLL, MCL, WM





Phase 1b Monotherapy Expansion Cohorts (no longer enrolling new patients)

CLL/SLL (100 mg)

MCL (300 mg)

DLBCL, WM (300 mg)

Potential Phase 1b Monotherapy Expansion Cohorts (new drug product)

**MCL** 

FL/MZL/WM

MCL

DLBCL

# **Updated Clinical Case Study 1**

Rapid and sustained complete response in WM transformed to DLBCL with NX-2127

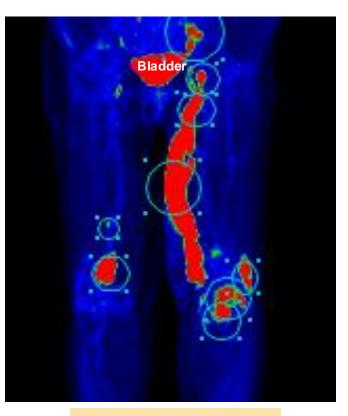
### **Case history**

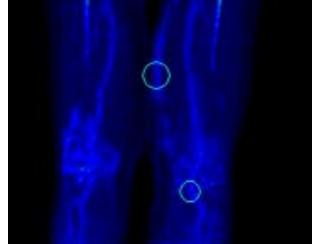
- 84-year-old female with WM diagnosed in 2003 with DLBCL (ABC subtype) transformation in 2015
  - MYD88 and CXCR4 mutation
- · 4 prior lines of aggressive therapy
  - R-CHOP (CR)
  - R-ICE (PR)
  - Rituximab, mogamulizumab (anti-CCR4), magrolimab (anti-CD47)
  - Rituximab, ibrutinib, and lenalidomide
- Complete response on first assessment at week 8, confirmed at week 16
- As of November 18, 2024, this patient remains in complete response and on treatment with 33 months of follow up (2.75 years)

### **FDG-PET CT Scan Disease Assessment**

Baseline







Deauville score: 5

Deauville score: 2

31



Status update as of November 18, 2024

# **Updated Clinical Case Study 2:**

Rapid and sustained complete response in relapsed/refractory MCL with NX-2127

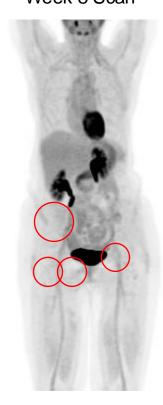
### **FDG-PET CT Scan Disease Assessment**

Baseline



Deauville score: 5

Week 8 Scan



Deauville score: 2

- 64-year-old woman with multiply relapsed MCL, following:
  - 2016: Rituximab + CHOP; R-hyper-CVAD; cytarabine
  - 2017: Hematopoietic stem cell transplantation (HSCT)
  - 2016-2019: Rituximab, ibrutinib, cytarabine
- Complete response on first assessment at week 8, confirmed at week 16
- She came off therapy on August 28, 2023, after 17 cycles of therapy
- Approximately 1 year later, as of July 18, 2024, she had no evidence of disease by PET CT and was not on any active treatment for MCL. Her next PET CT is scheduled for January 2025.



# NX-2127 Status and Next Steps

### **Status**

- We have re-initiated enrollment with the new, chirally controlled drug product
- We are focused on the aggressive lymphomas for development of NX-2127 where the combination of BTK degradation and IKZF1/3 degradation have the potential for synergy and significant therapeutic benefit

### **Next Steps**

- Complete dose escalation with new drug product and select recommended Phase 1b dose for selected indications
- Additional clinical data will be shared after selection of a Phase 1b expansion dose(s) and indication(s)



NX-5948 in inflammation and immunology (I&I)

Rationale & strategy



# Key Observations Underpinning Nurix's NX-5948 Immunology and Inflammation Strategy

# > The genetics of BTK are compelling: highly specific with potent biology

- Human knockouts, originally described by Dr. Bruton in 1952, show agammaglobulinemia (no antibody production) and associated reduced immune function yet have otherwise normal physiology
- Mouse *xid* mutants show a similar phenotype as the humans and solidly confirm the biology of BTK as a powerful B-cell drug target

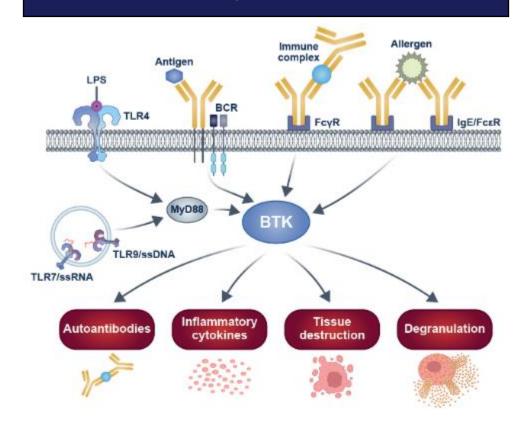
### Positive clinical experience

 BTK inhibitors have shown positive clinical results across a wide range of I&I diseases in hematology, dermatology, and neurology

### Inhibitors leave room for improvement

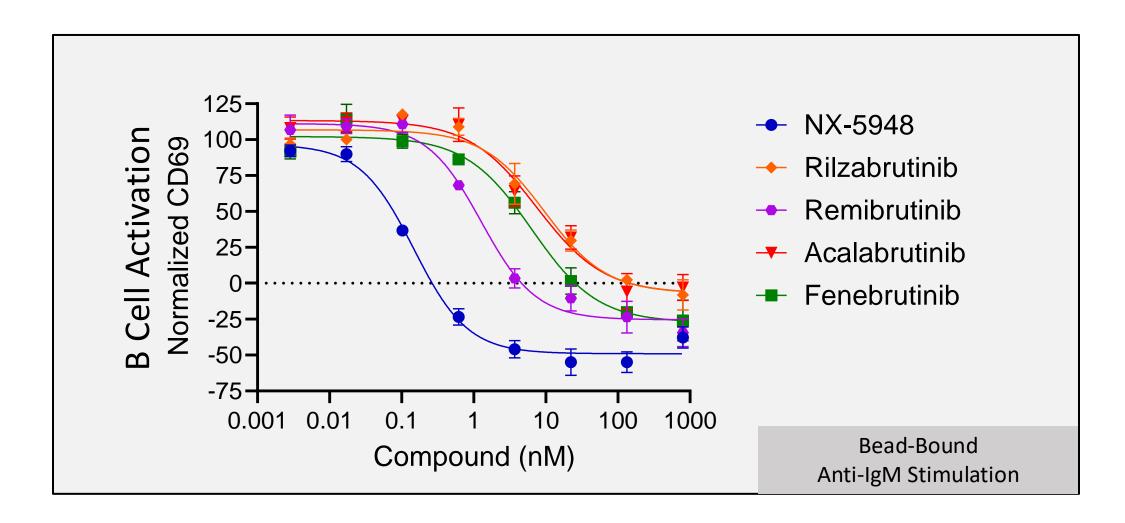
- The same scaffolding functions that limit efficacy in oncology may also be limiting efficacy in autoimmune disease settings
- Liver safety signals from BTK inhibitors may limit broad use

### Multi-modal impact on inflammation



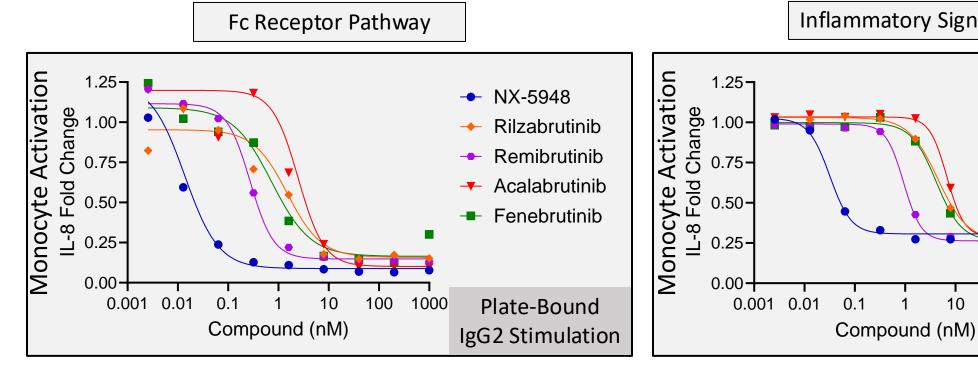


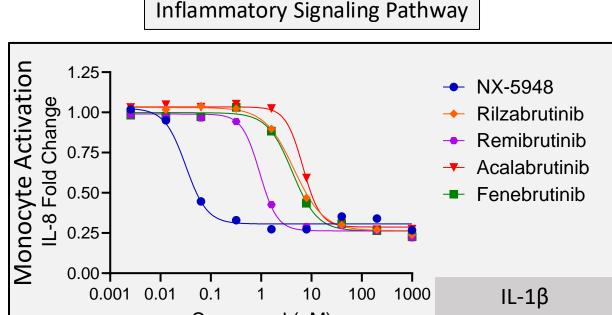
# NX-5948 Is 10x to 100x More Potent in Blocking B Cell Activation than BTK Inhibitors Tested in I&I





# NX-5948 Potently Suppresses Activation of Myeloid Cells Stimulated Through Key Inflammatory Receptors



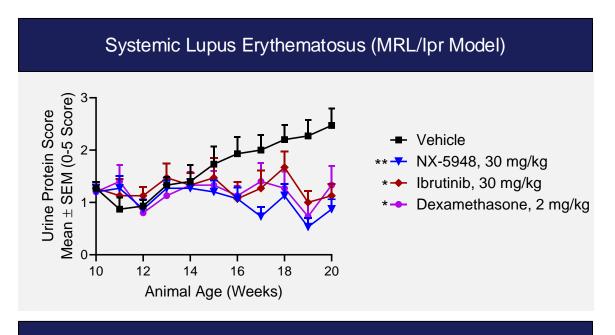


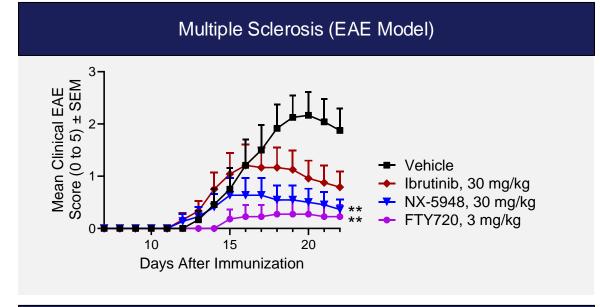
IL-8 is a chemokine that recruits neutrophils into inflamed tissues



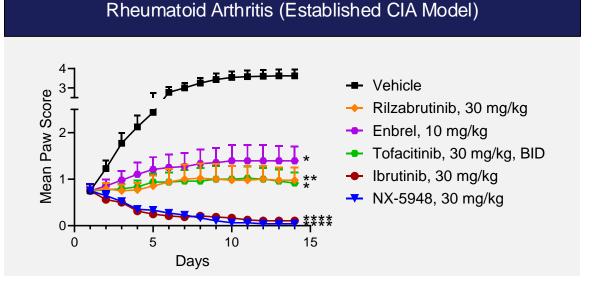
Stimulation

### NX-5948 Is Active Across a Range of Autoimmune and Inflammation Models



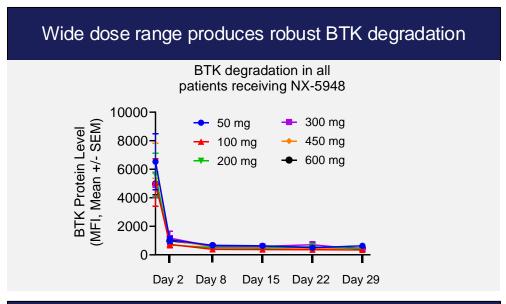


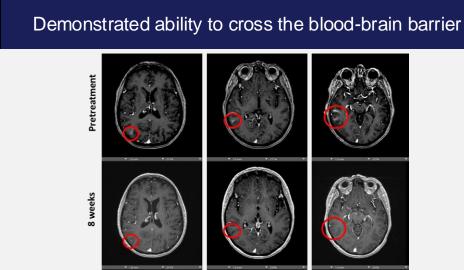
# Lupus Nephritis (AIG Model) Vehicle NX-5948 (30 mg/kg) Ibrutinib (30 mg/kg) Rilzabrutinib (30 mg/kg) Rilzabrutinib (30 mg/kg) Dexamethasone (2 mg/kg) Naive +Autoantibodies

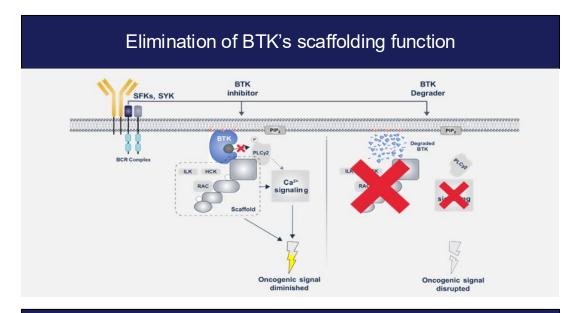




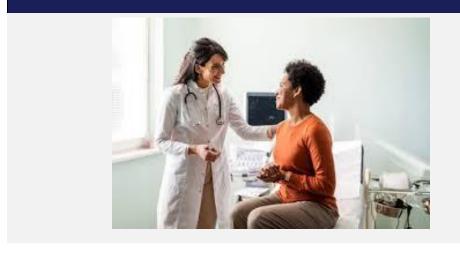
# NX-5948 Has The Right Clinical Profile To Address Unmet Clinical Needs in Both Oncology and I&I







### Favorable safety profile in oncology clinical trials



# NX-5948 I&I Vision: Introduce the First BTK Degrader with Practice Changing Potential

### Strategic considerations for introducing NX-5948 into immunology and inflammation:

- 1. Novel mechanism of action: First BTK degrader in I&I should be focused on areas where BTK has strong biologic rationale and an appropriate risk/benefit profile
- 2. Speed to proof of concept: Preference should be given to indications with potential for rapid proof of concept that could support additional indications requiring longer duration of therapy
- 3. **Dosing and formulation:** Expansion opportunities in I&I indications are significant and may require different dosages and/or formulation based on desired drug product profile and exposure
- **4. Medical marketplace:** An oral BTK degrader could address multiple very large markets that should mesh with oncology pricing and reimbursement considerations

All of the above informed Nurix's plan to introduce NX-5948 into I&I



# Nurix's Systematic Approach To Expand Development of NX-5948 Across Multiple I&I Indications

Goal: Implement a sequenced, multi-organ system approach to generate the greatest opportunity for patients and value creation

- 1. Hematology: Leverage Nurix's existing hematology expertise, seeking first proof of concept through study of CLL patients with secondary autoimmune-mediated hemolytic anemia with plans to explore non-malignant warm autoimmune hemolytic anemia (wAIHA)
- 2. **Dermatology:** Evaluate potential IND in hidradenitis suppurativa (HS); potential expansion in chronic spontaneous urticaria (CSU)
- 3. Neurology: Explore potential opportunity in multiple sclerosis (MS), given NX-5948's CNS activity

# Implementing Nurix's Systematic Approach to I&I

### **Next Steps:**

- 1. Plan to open a new Phase 1b cohort for patients with CLL and associated autoimmune hemolytic anemia in H1 2025
- 2. Plan non-malignant hematology IND in 2025 for autoimmune cytopenias (e.g., wAIHA)
- 3. Conduct a healthy volunteer study of a new formulation to address potential need for broader range of doses and dose regimens for I&I indications (study underway)
- 4. Explore potential for additional indications in other organ systems based on evolving data (e.g., dermatology and neurology)
- 5. Provide additional information in 2025 on our broader I&I pipeline including the STAT6 (Nurix/Sanofi) and IRAK4 (Nurix/Gilead) programs



# Nurix: Building Blocks of Success and Value Creation

### Successfully execute NX-5948 development in CLL

A core opportunity with Fast Track and Prime Designation, we are moving rapidly to pivotal trials in 2025

Expand NX-5948 as a pipeline in a product WM, NHL and I&I

**Extend I&I opportunity with collaborators**IRAK4 and STAT6 opt-in rights

Drive NX-1607 and NX-2127 to proof-of-concept data

### Advance our innovative degrader pipeline

Developing a pipeline of novel oral degraders

Pioneering the next gen technology of degrader antibody conjugates (DACs)

Expanding our state-of-the-art platform to accelerated ligand and drug discovery



Section II: Q&A

