

INVENTING NEW MEDICINES

WITH TARGETED PROTEIN DEGRADATION

The logo for KYMERA features a stylized orange 'K' with a white outline, followed by the letters 'YMER A' in white. The background of the logo area is a dark blue and purple abstract pattern of glowing lines and dots, resembling a molecular or network structure.

KYMER A

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Targeted Protein Degradation

What if you could remove disease causing proteins...
...with a small molecule-based technology?



What We Are Building

Vision

A fully integrated **degrader medicines company** that discovers, develops, and commercializes transformative medicines while leading the evolution of targeted protein degradation (TPD)

Opportunity

- Potential to **expand the druggable proteome dramatically**

Platform

- Advancing **TPD beyond current opportunities**

Strategy

- Focusing on undrugged targets and clinical indications with **high unmet medical need and franchise potential**

Team

- Driven by a **culture of scientific innovation**

Kymera: A Leading TPD Company



BOSTON BUSINESS JOURNAL



2021 BEST PLACES TO WORK

Founded: **2016**

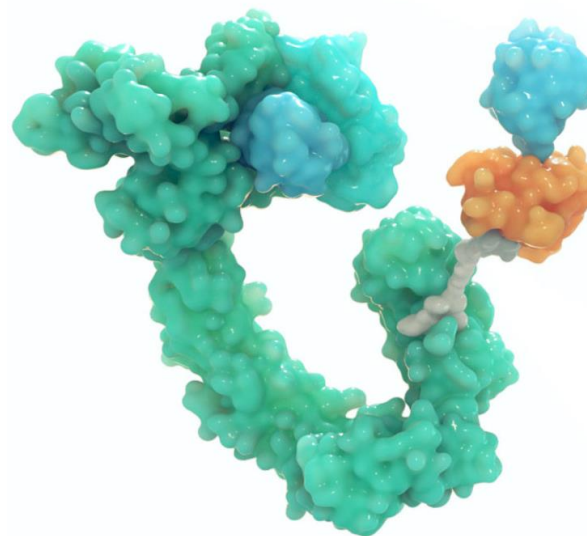
Stage: **Clinical**

NASDAQ: **KYMR**

Employees: **>100**

Cash balance at Q1'21*: **\$435M**

KYMER A



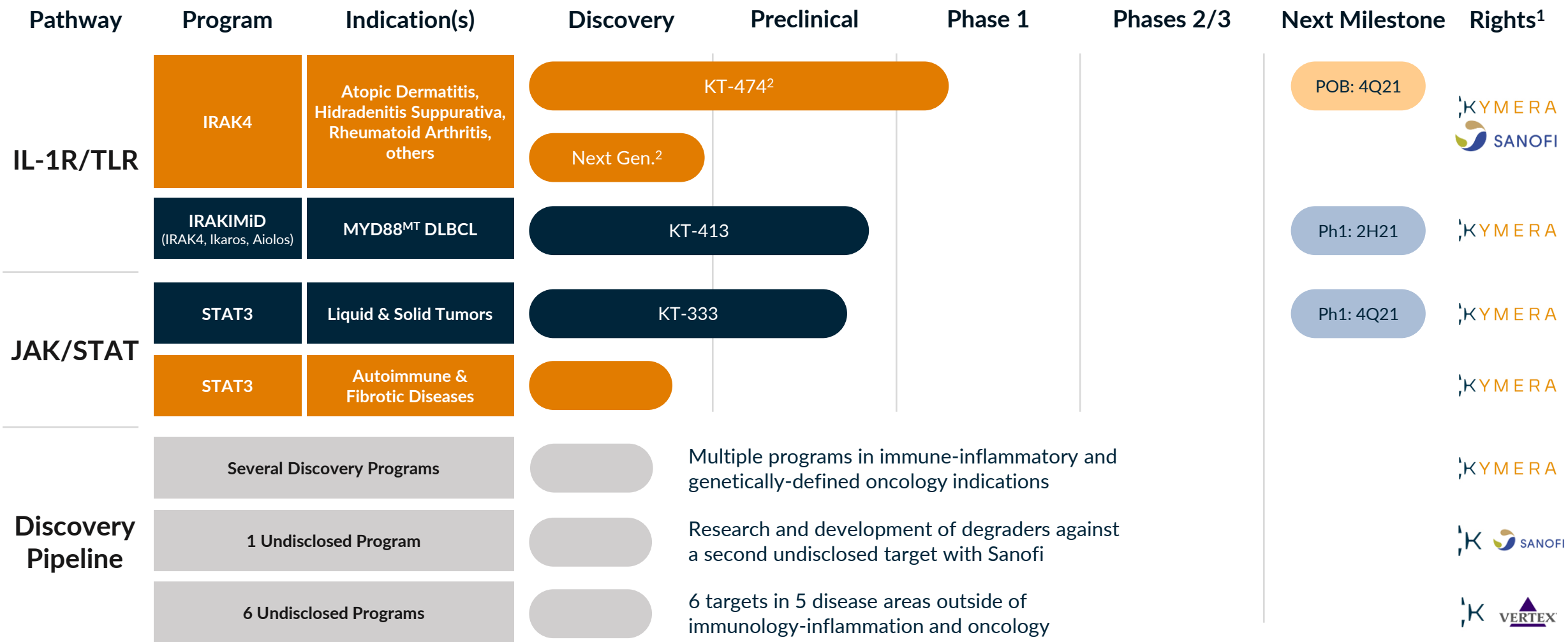
- Premier, **disease agnostic** protein degrader discovery platform

- Key **enabling partnerships**:



- Initial focus in **immune-inflammation (I/I) and oncology**
- First company set to dose degrader to **healthy volunteers and I/I patients**
- Expect **3 INDs** and clinical initiations by end of **2021**
- First proof-of-biology established in humans in **2021**

Kymera's Pipeline of Novel Protein Degraders



● = Oncology ● = Immunology-Inflammation

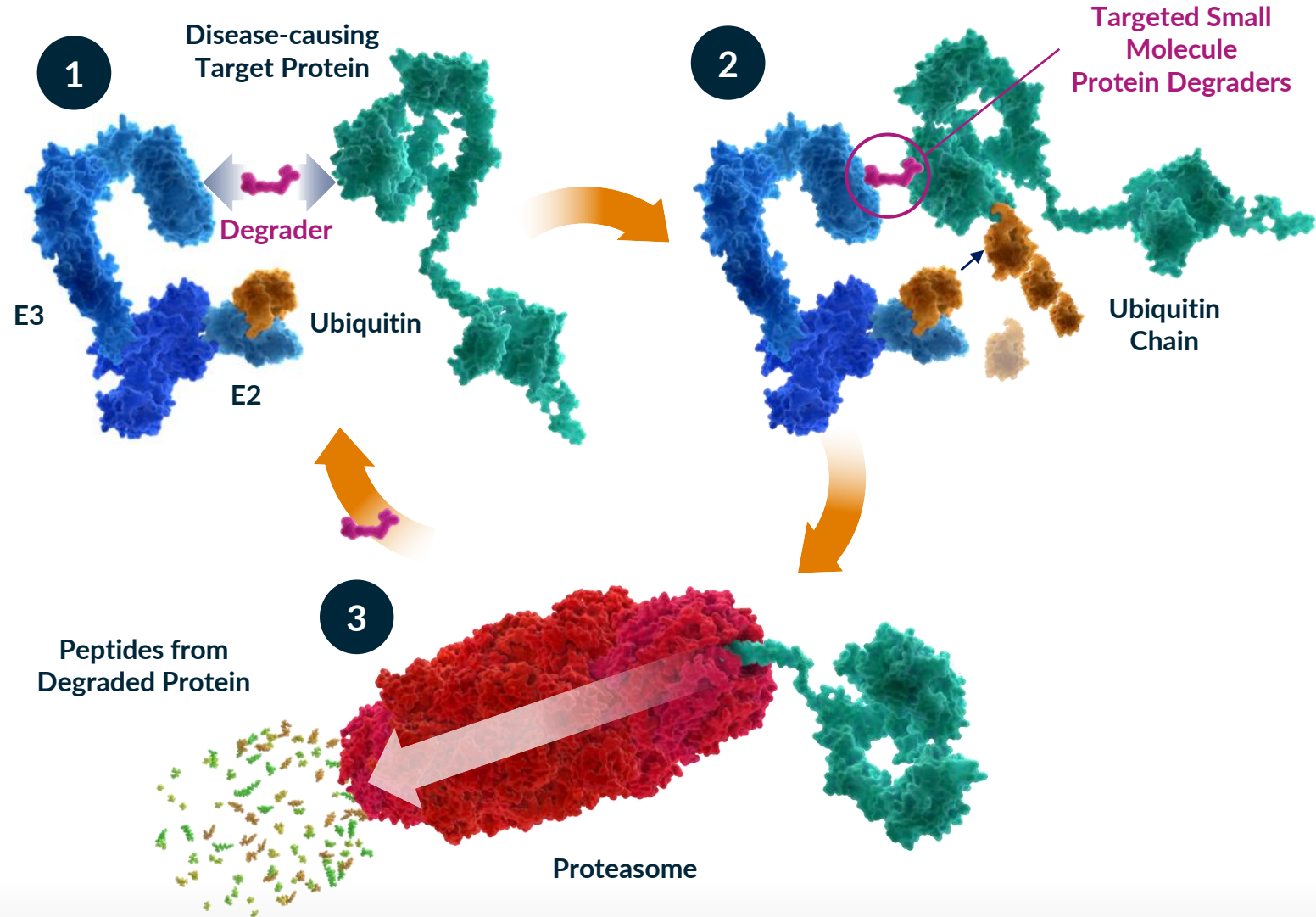
Pegasus™ Platform and R&D Approach

Targeted Protein Degradation

Biology

Co-opting a Naturally Occurring Process to Regulate Protein Levels

- 1 E3 ligase recognizes protein
- 2 Ubiquitin chain transferred
- 3 Protein is marked for elimination



KYMER A



Broad Opportunity
Only Binding Site Required

Efficient
Catalytic

Prolonged Impact
Targeted Protein Degradation

Targeted Protein Degradation

Next Potential Breakthrough Modality to Expand Drugged Proteome

Targeted Protein Degradation

Human Proteome

Existing Modalities



✓
✓
✓
✓

Undruggable Targets
 Scaffold, transcript factor, multiple functions

Efficient
 Development / Manufacturing

Systemic
 Exposure

Oral
 Bioavailability

✓
X
X
X

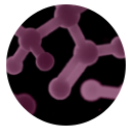
Proprietary Pegasus™ TPD Platform

Key capabilities



Expanded E3 ligase toolbox

- **E3 ligase Whole-Body Atlas:** Identification of the **expression profiles of ~600 unique E3 ligases**
- Match target protein with appropriate E3 ligase based on expression, distribution, intracellular localization, and biology
- **Toolbox of proprietary ligands** leverages the E3 Ligase Whole-Body Atlas



Understanding degradation (PK/PD) across tissue types

- **Ternary complex modeling tool optimizes the development** of highly efficient and selective degrader therapeutics
- **Quantitative System Pharmacology Model** measures and predicts diverse sets of parameters that impact protein levels
- Based on understanding of PK/PD, both *in vitro* and *in vivo*, and across different tissues and cell types



Proprietary Chemistry

- **Comprehensive hit finding technologies toolbox:** chemoproteomics, DEL, fragment screens, *in silico*
- **Proprietary chemistry expertise** enables the design and optimization of both E3 ligases and target protein binders
- Ability to convert into degraders with optimal pharmaceutical properties tailored to specific patient populations

Leading the Evolution of Targeted Protein Degradation

What if you could remove disease causing proteins...

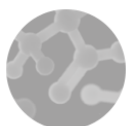
...only where it matters?

Pegasus: E3 Ligase Whole-Body Atlas

Different expression profiles of E3's provide opportunity for tissue selective/restrictive degradation



Expanded E3 ligase toolbox

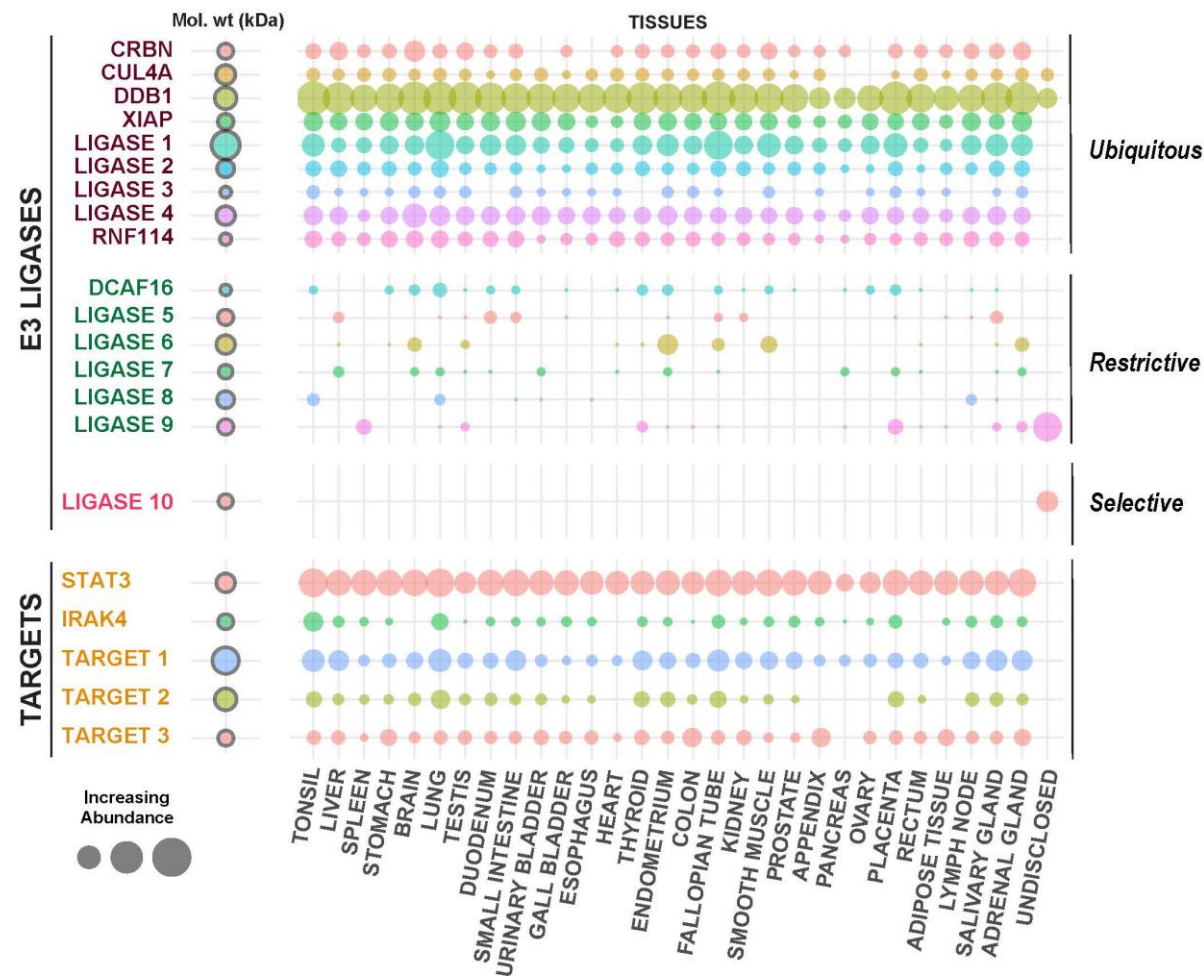


Understanding degradation (PK/PD) across tissue types



Proprietary Chemistry

- Focused on determining the expression profiles of ~600 unique E3 ligases
- Patterns mapped in both disease and healthy contexts
- Ability to match a target protein with appropriate E3 ligase based on expression and biology
- Vision to develop tissue-selective or tissue-restrictive degraders to enable novel therapeutic opportunities

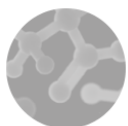


Pegasus: E3 Ligase Whole-Body Atlas

A Bone Marrow Sparing E3 Ligase



Expanded E3
ligase toolbox



Understanding
degradation
(PK/PD) across
tissue types



Proprietary
Chemistry

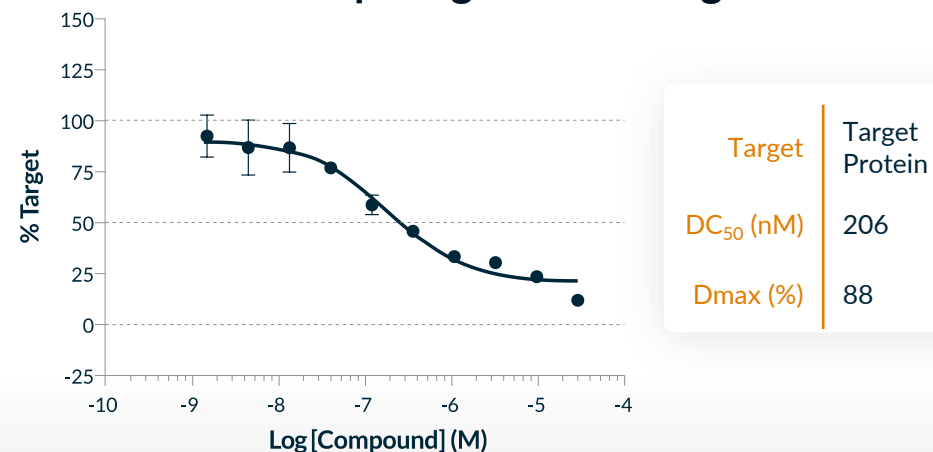
- E3 Ligase Whole-Body Atlas queried to identify a tissue sparing E3 ligase based on target protein unwanted pharmacology (i.e. bone marrow for a particular target of interest)
- A bone marrow sparing E3 ligase identified
- Screening and optimization lead to a novel binder to a previously unliganded E3 ligase (E3 ligase binders toolbox)
- A novel degrader based on a bone marrow sparing E3 ligase demonstrated target degradation

This E3 Ligase is Not Expressed in Bone Marrow



⬇ Ligand Identification

TPD with Bone Marrow Sparing Novel E3 Ligase



Kymera Drug Development Principles

Initial focus on pathways that have been clinically and commercially validated with undrugged nodes



Unmet Medical Need



Validated Biology

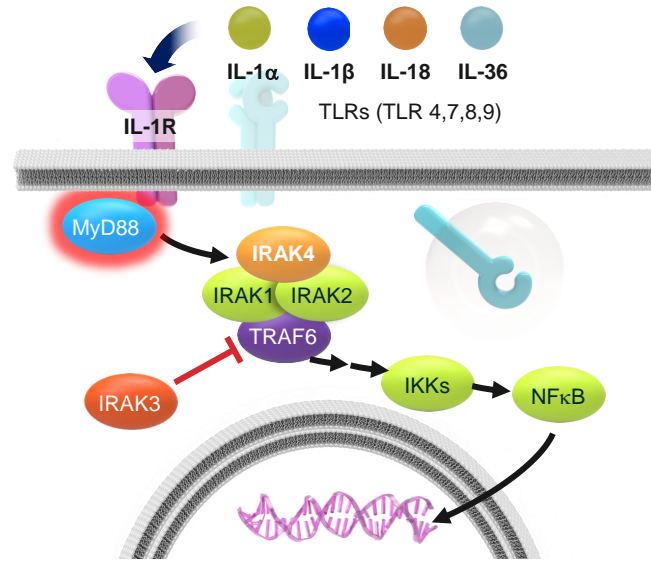


Undrugged Node

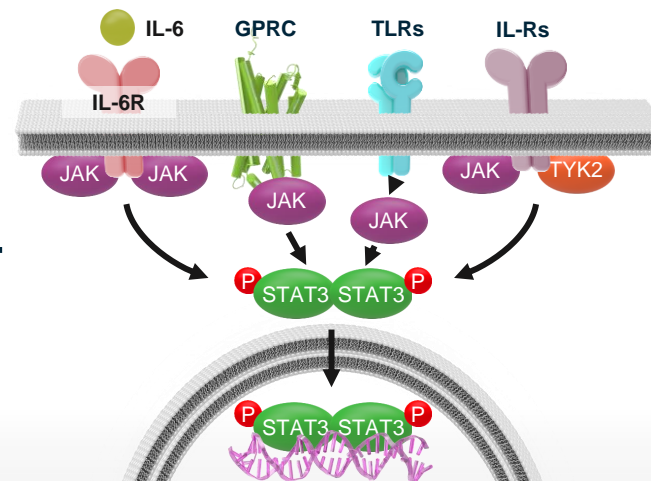


Precision Medicine Approach

IL-1R/TLR Pathway



JAK-STAT Pathway



Clinical Pathway Validation

- IL1-Rα/IL-1β : Rheumatologic Diseases
- IL-1α: Atopic Dermatitis
- IL-1β: CANTOS Data, Atherosclerosis, Lung Cancer
- IL-18: Macrophage Activation Syndrome
- IL-36: Generalized Pustular Psoriasis
- IRAK4 SMI: Rheumatoid Arthritis

- IL-6R: Rheumatoid Arthritis
- IL-6: Multicentric Castleman's Disease
- JAK1/2: Myelofibrosis
- JAK3: Alopecia Areata
- TYK2: Autoimmune Diseases
- STAT3 ASO: AZD9150 in Oncology

The background is a complex, abstract composition of glowing, ethereal elements. It features several large, semi-transparent spheres in shades of light blue and cyan, some of which contain faint, colorful patterns. These spheres are interconnected by a dense network of thin, flowing lines and ribbons that create a sense of movement and depth. The overall color palette is dominated by deep blues and purples, with bright highlights from the glowing elements. The text 'IRAK4' is centered in a clean, white, sans-serif font.

IRAK4

The logo for KYMERA is located in the bottom-left corner. It consists of a stylized orange and yellow 'K' symbol followed by the word 'KYMERA' in a white, uppercase, sans-serif font.

KYMERA

IRAK4 Biology and Degradation Rationale

- IRAK4 is a key component of the myddosome protein complex
- Myddosome is involved in innate immunity that mediates signals through IL-1R and TLRs
- IL-1R/TLR signaling through the myddosome complex is dependent on IRAK4 kinase and scaffolding functions
- Believe degrading IRAK4 can provide a single oral small molecule solution to many diseases impacted by this pathway
- Sanofi collaboration on development of degraders targeting IRAK4 outside oncology and immunology

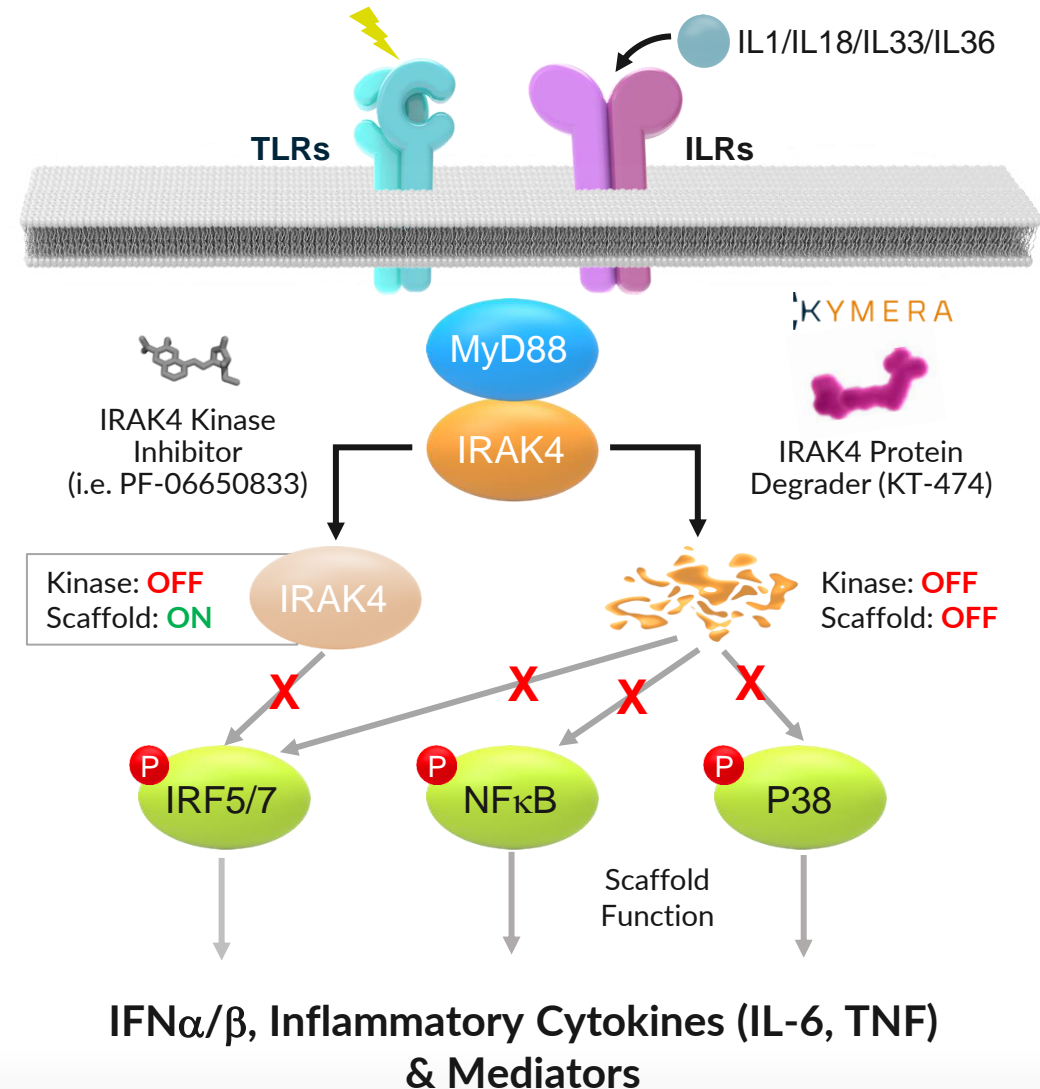
Indications/Expected Timeline

AD, HS, RA, others

Phase 1 SAD initiation: 1Q 2021 ✓

Phase 1 MAD enrollment: 2H 2021*

Phase 1 proof-of-biology in healthy volunteers: 4Q 2021



KT-474 Opportunity

Immune-inflammatory disorders collectively impacting millions of patients in the U.S.

Hidradenitis
Suppurativa (HS)

Total Prevalence (U.S.)

>325K

- Chronic and debilitating inflammatory skin disease
- ~25% of patients with moderate-to-severe disease
- Adalimumab (anti-TNF antibody) is approved, which provides some benefit to ~50% of patients with moderate-to-severe disease

Atopic
Dermatitis (AD)

>11.0M

- Chronic, pruritic **inflammatory skin disease**
- Large unmet need for safe and effective oral agents for patients with AD

Rheumatoid
Arthritis (RA)

>1.3M

- Chronic, systemic **autoimmune disease** that can cause irreversible joint damage
- Multiple therapies targeting the **IL-1R/TLR pathway** are approved

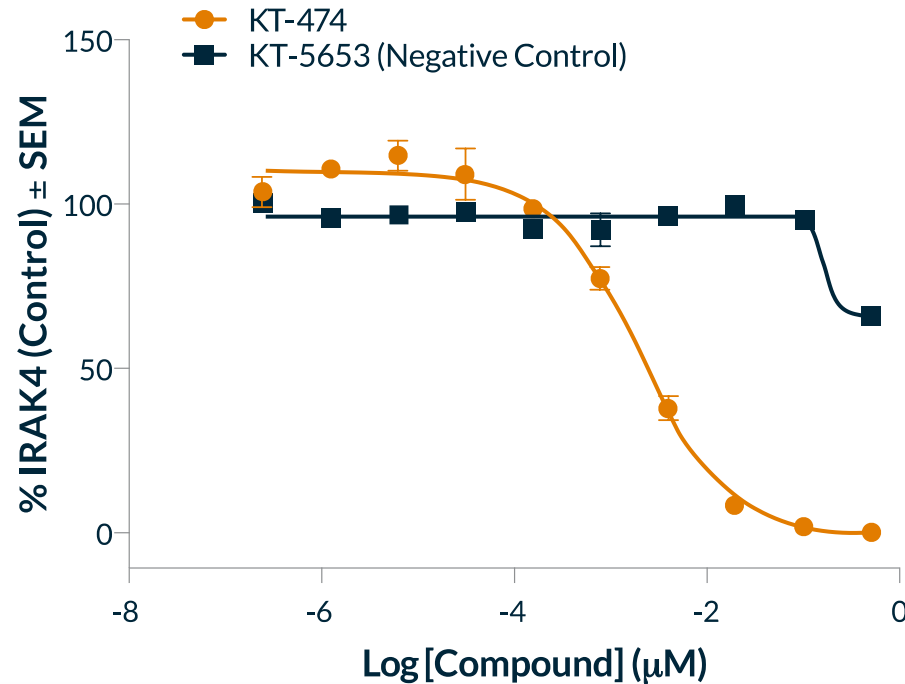
Additional
Opportunities



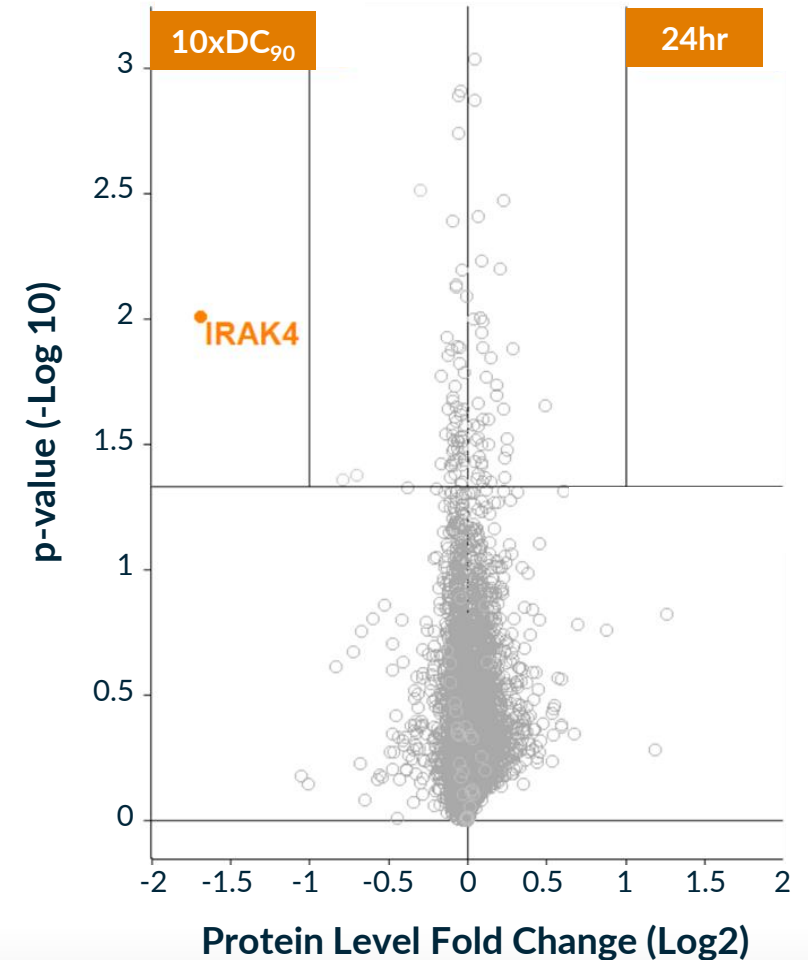
- Immune-inflammatory diseases impacted by **IL-1R/TLR pathway**

KT-474: Specific IRAK4 Degradation

Degradation in Human Monocytes



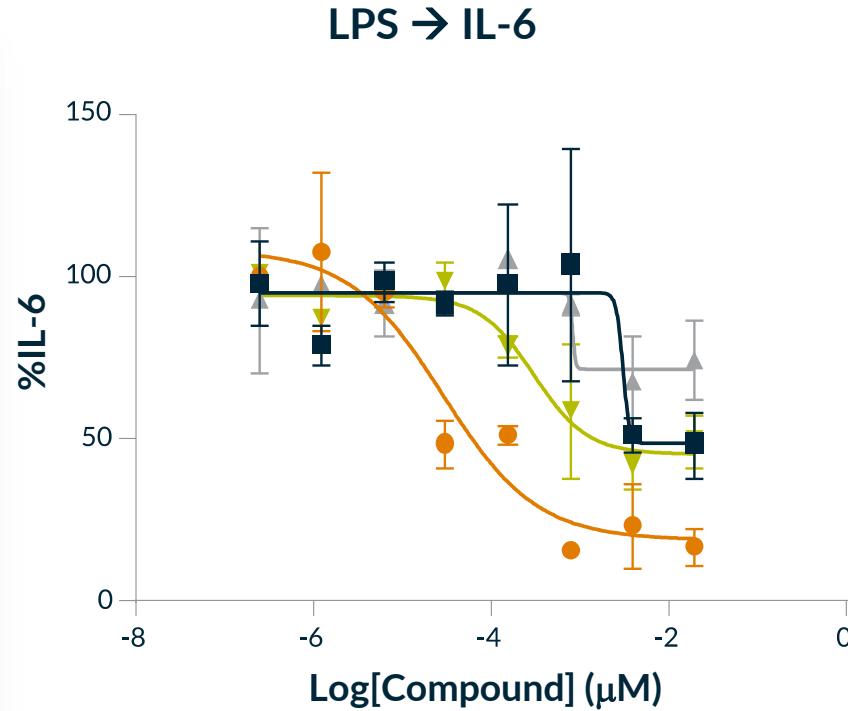
Selectivity in Human PBMC



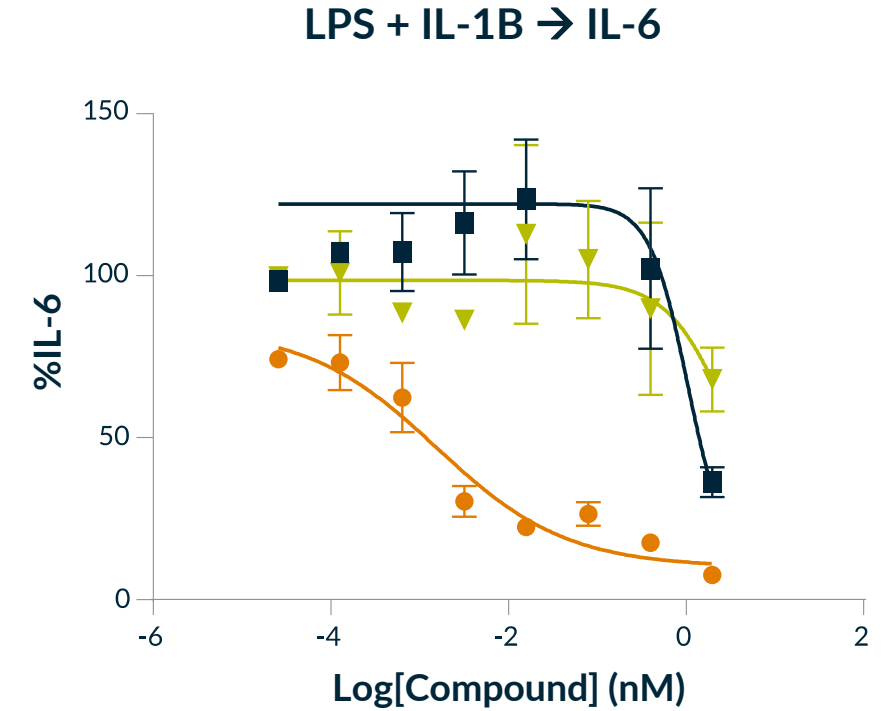
- Calculated DC₅₀ of 2.1 nM and E3 ligase dependent degradation of IRAK4 in human immune cells
- IRAK4 was only protein of over 10,000 to be degraded by KT-474 in human immune cells at concentration 10-fold above the DC₉₀

IRAK4 Degradation Superior to Kinase Inhibition in Cytokine Production

- Functional activity of KT-474 assessed by measuring pro-inflammatory cytokine levels upon activation
- Cells pre-treated with KT-474, a negative control, and small molecule IRAK4 kinase inhibitors
- KT-474 better able to inhibit IL-6 under both LPS and LPS + IL-1B than clinically active IRAK4 SM kinase inhibitor PF-06550833



Legend	Compound	IL-6 IC ₅₀ (nM)
●	KT-474	3
■	Negative control	335
▼	IRAK4 SMI (PF-06550833)	N/A
▲	IRAK4 SMI (other)	N/A



Legend	Compound	IL-6 IC ₅₀ (nM)
●	IRAK4 Degradation	0.8
■	Negative control	450
▼	IRAK4 SMI (PF-06550833)	N/A

KT-474 is Superior to IRAK4 Kinase Inhibitors Across Multiple Preclinical Immune-inflammatory *In Vivo* Models

- KT-474's efficacy and superiority to IRAK4 small molecule inhibitors in models of IL-33, IL-36 and Th17-mediated inflammation
- In IL-33 and IL-36 models, KT-474 dose-dependently reduced IRAK4 levels in blood cells and inhibited skin inflammation and/or systemic as well as local cytokine production to the same extent as a potent corticosteroid (dexamethasone) and more potently than an IRAK4 small molecule inhibitor
- In a mouse model of Th17-mediated multiple sclerosis, KT-474 was superior to IRAK4 kinase inhibition and similar to FDA-approved fingolimod (FTY720) in significantly reducing clinical disease scores

rmIL-33 Intradermal Challenge Model

rhIL-36 $\alpha\beta\gamma$ Intradermal Challenge Model

Th17-mediated Multiple Sclerosis Model

In vivo IRAK4 Degradation in Whole Blood

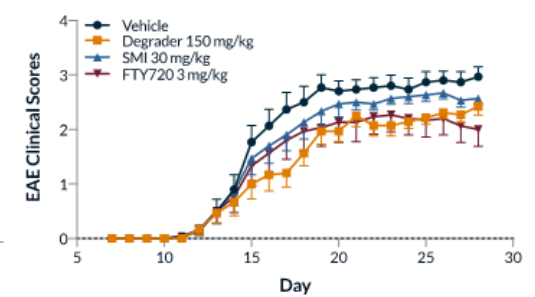
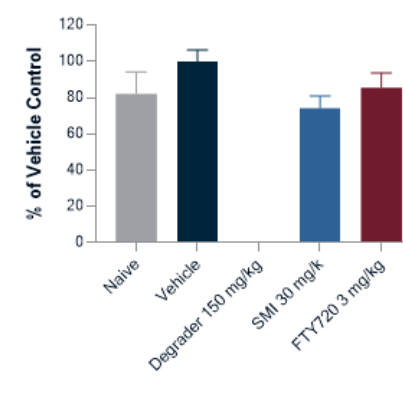
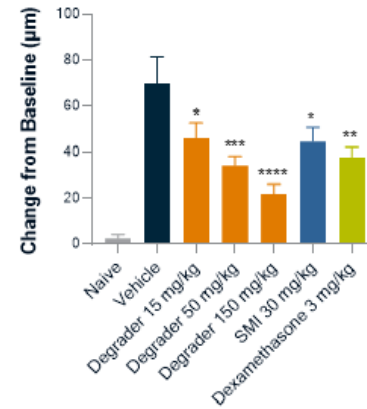
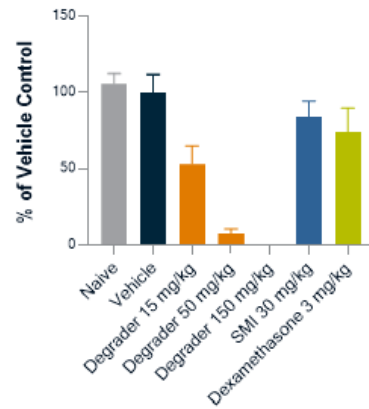
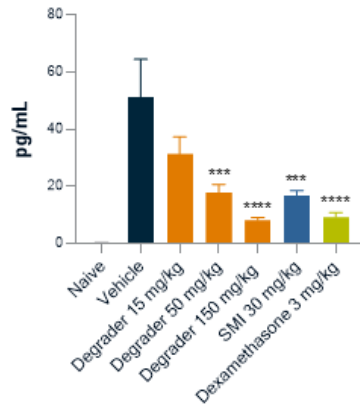
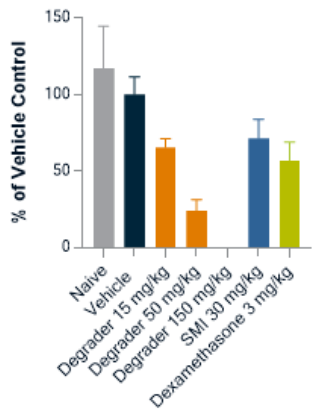
IL-5 in Ear Tissues

In vivo IRAK4 Degradation in Whole Blood

Ear Thickness

In vivo IRAK4 Degradation in Whole Blood

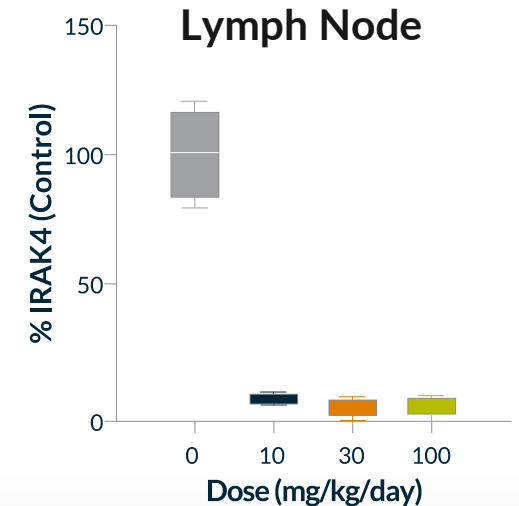
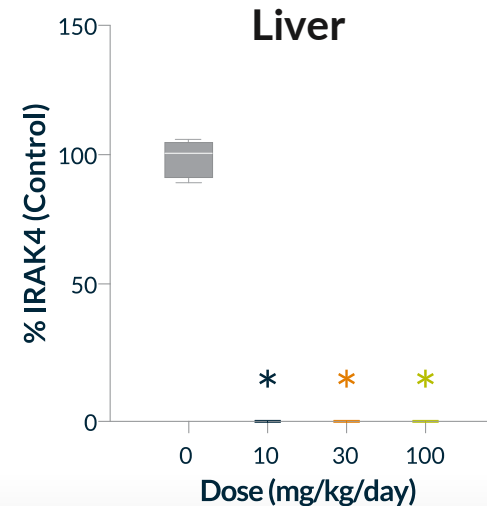
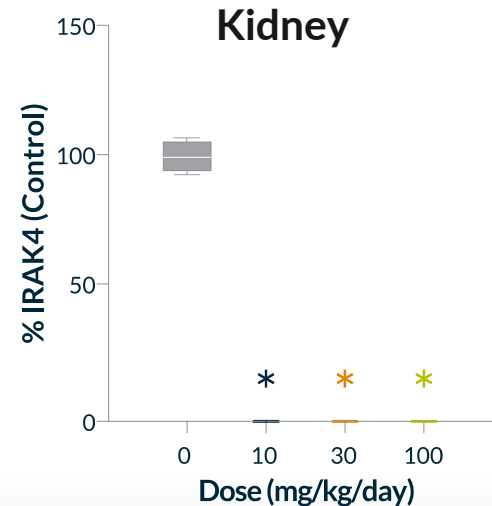
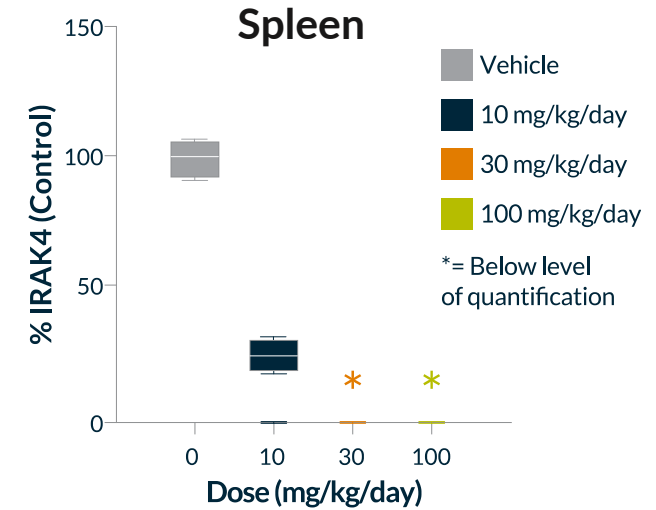
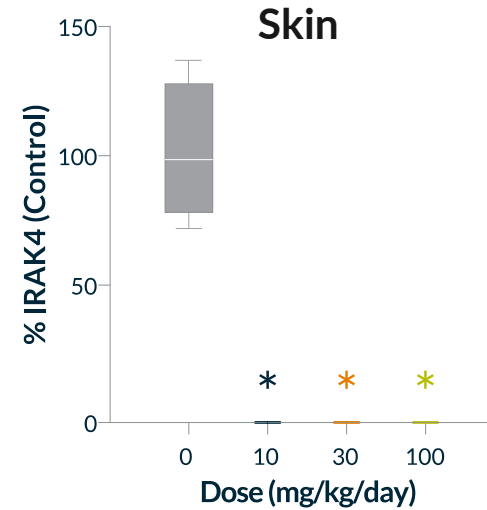
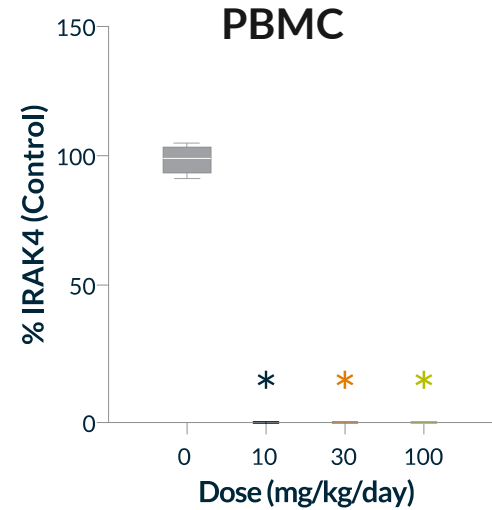
MOG-EAR¹



Treatment	Mean Max Score +/- SD	p value
Vehicle	3.40 +/- 0.54	-
Degrader 150 mg/kg	2.69 +/- 0.52	0.0018
SMI 30 mg/kg	3.07 +/- 0.42	0.0822
FTY720 3 mg/kg	2.70 +/- 1.28	0.0271

KT-474: Close to Complete IRAK4 Degradation and Well Tolerated in Preclinical Non-rodent Model

- Orally-administered KT-474 evaluated in a 14-day non-GLP tox and PKPD study in rodent and non-rodents (shown).
- Almost complete knockdown demonstrated across multiple tissues at multiple doses
- Compound well-tolerated at all doses up to 600 mg/kg for rodents and 100 mg/kg for non-rodents

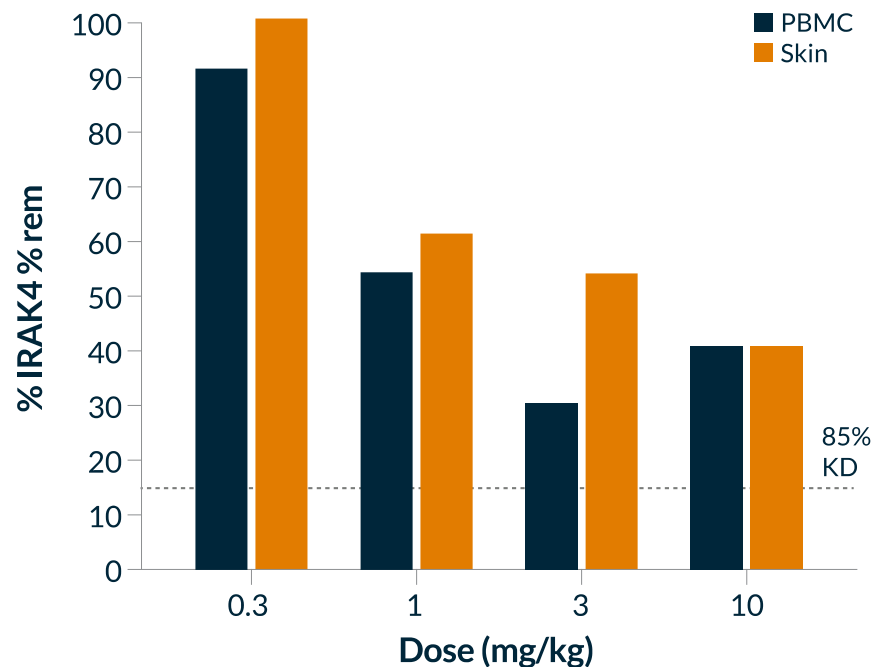


Legend:
■ Vehicle
■ 10 mg/kg/day
■ 30 mg/kg/day
■ 100 mg/kg/day
* = Below level of quantification

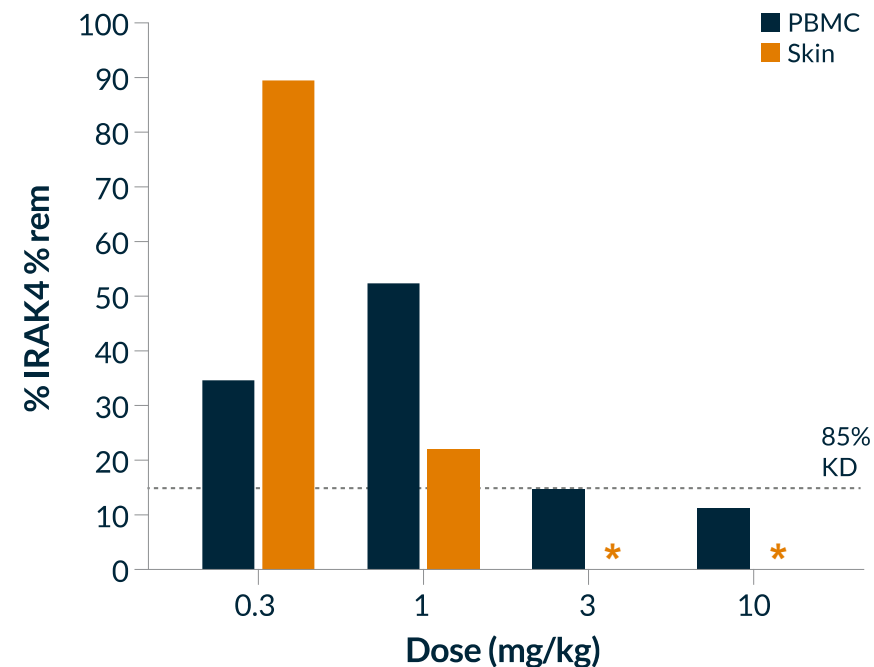
KT-474: Preclinical Single and Multiple Ascending Dose Characterization in Dog Model

- Orally-administered KT-474 achieves >85% knockdown of IRAK4 at Day 7 with repeat dosing in MAD study
- Multiple doses (MAD) lead to optimal degradation profile vs SAD upon reaching steady-state
- Consistency of IRAK4 knockdown observed across peripheral blood mononuclear cell (PBMC) and skin measurements

Single Ascending Dose (SAD)
IRAK4 Knockdown at Day 1



Multiple Ascending Dose (MAD)
IRAK4 Knockdown at Day 7



* = BLQ

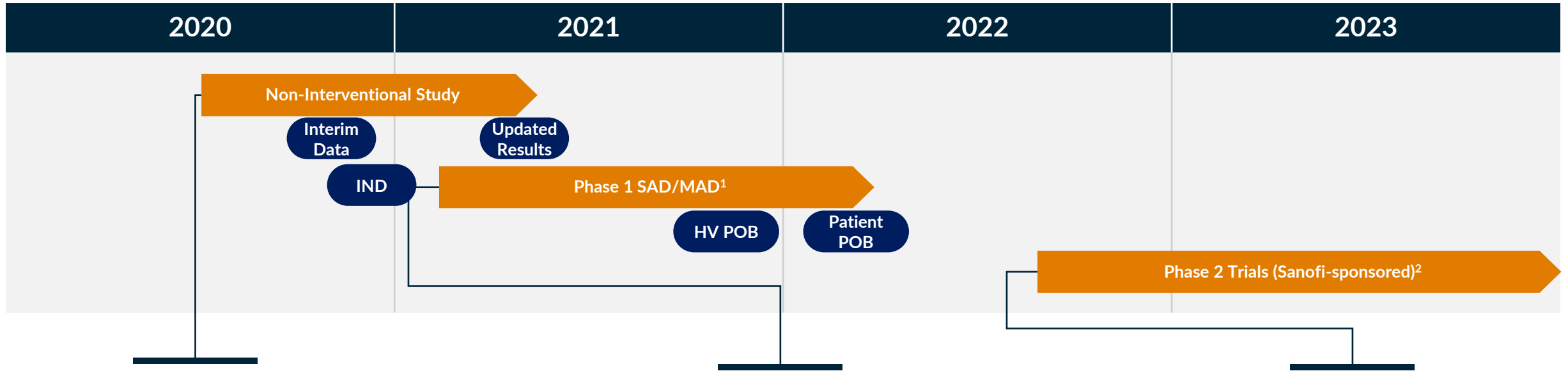
KT-474 Phase 1 Trial to Establish Proof-of-Biology

Double-blind, placebo-controlled, Single Ascending Dose (SAD) and Multiple Ascending Dose (MAD) study

	SAD Portion	MAD Portion	
	Healthy Volunteers (HV)	Healthy Volunteers (HV)	Patient Cohort
Target Enrollment	<ul style="list-style-type: none">N = up to 56 adult HV	<ul style="list-style-type: none">N = up to 48 adult HV	<ul style="list-style-type: none">Up to 20 AD or HS patientsModerate-severe disease

De-risking Milestones:	Oral Bioavailability and Proof-of-Mechanism	Optimal IRAK4 Reduction and Proof-of-Biology	Clinical Proof-of-Concept in Patients
	<ul style="list-style-type: none">Efficacious plasma exposures that are safe and well-toleratedProof-of-mechanism with IRAK4 knockdown following single KT-474 dosePredictable PK/PD supporting oral daily dosing regimen	<ul style="list-style-type: none">≥85% IRAK4 knockdown in skin and blood with daily dosing x 14 days that is safe and well-toleratedProof-of-biology with systemic anti-inflammatory effect: reduction in plasma hsCRP and inhibition of whole blood <i>ex vivo</i> response to TLR agonists and IL-1βEstablishment of maximum effective dose	<ul style="list-style-type: none">≥85% IRAK4 knockdown in diseased skin and bloodAnti-inflammatory effect in diseased skin and reduction of plasma cytokines and hsCRPConfirmation of dose for subsequent Phase 2 studies

KT-474 Development Plan



- Evaluating 40 patients (HS n=30; AD n=10)
- Biomarker endpoints in blood and skin: IRAK4, cytokines, acute phase reactants
- Interim data presented Oct 2020
- **Updated data presented in May 2021**

- **Dosing in SAD portion initiated 1Q21**
- SAD and MAD studies in healthy volunteers (HV) and AD/HS patients
- Primary endpoint is safety
- Secondary endpoints to establish proof-of-biology (POB)
- **POB to be presented in 4Q21**

- Randomized, placebo-controlled trials in patients in potential indications such as AD, HS, RA, others

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IRAKIMiD

IRAKIMiD

A combo in a single molecule

- MYD88 mutation drives differentiation and proliferation in ~25% of diffuse large B cell lymphoma (DLBCL)
- IMiDs downregulate IRF4, increasing IFN signaling and further suppressing NFκB activation and show activity in lymphoma
- Inhibiting both MYD88 and IRF4-dependent NFκB and activating IFN signaling drive cell death in MYD88-mutant lymphomas and leads to full and durable responses *in vivo*
- Combining two therapeutically relevant pathways in a single molecule has the potential to be first single agent targeted therapy agent in lymphoma (MYD-88 mut)

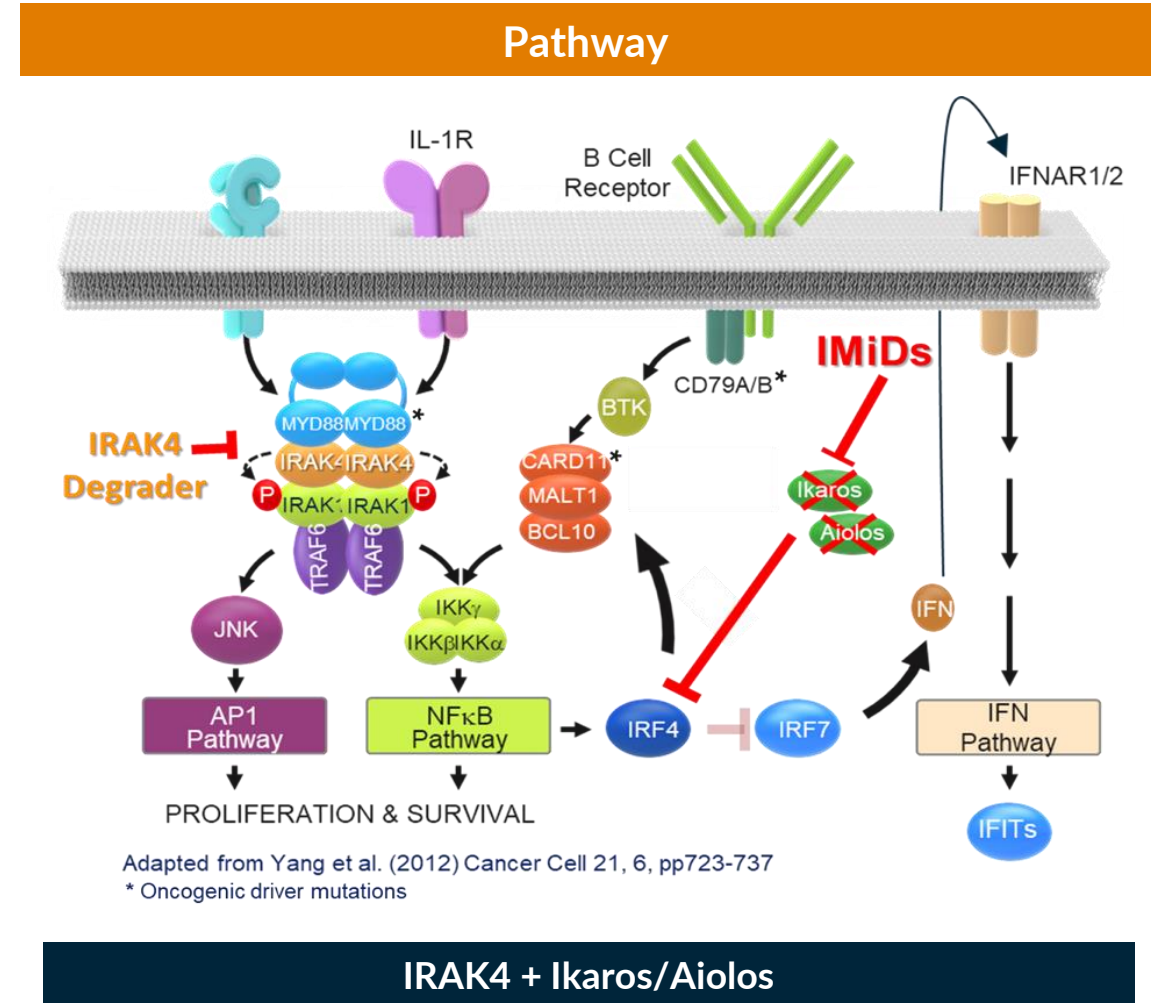
Indications/Expected Timeline

MYD88-mutant DLBCL

Current: KT-413 in IND-enabling activities

IND/Phase 1 initiation: 2H 2021

Phase 1 proof-of-biology in patients: 2022



KT-413 Opportunity

Potential to be first precision medicine in DLBCL to target a genetically defined population (MYD88-mut)

MYD88-mutant
DLBCL

Patient Impact (U.S.)

>7.0k
per year

Other
MYD88-mutant
B cell Lymphomas

>1.0k
per year

Additional
Cancers

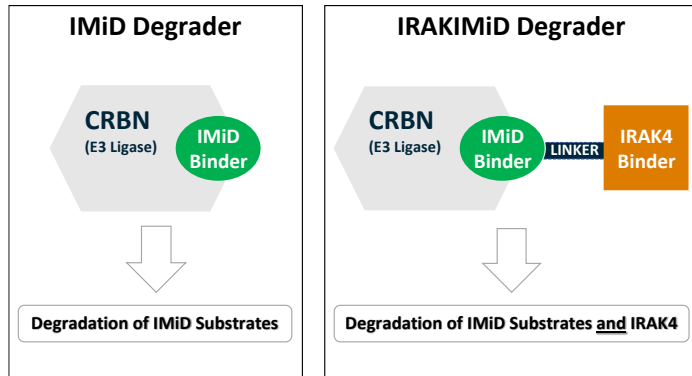


- MYD88 is mutated in at least 25% of DLBCL patients, the most common subtype of non-Hodgkin's lymphoma
- Front-line treatment includes **R-CHOP** (chemo/rituximab)
- DLBCL 5-year survival rate is ~64%, and MYD88 mutations in DLBCL are associated with poorer survival following frontline R-CHOP chemotherapy

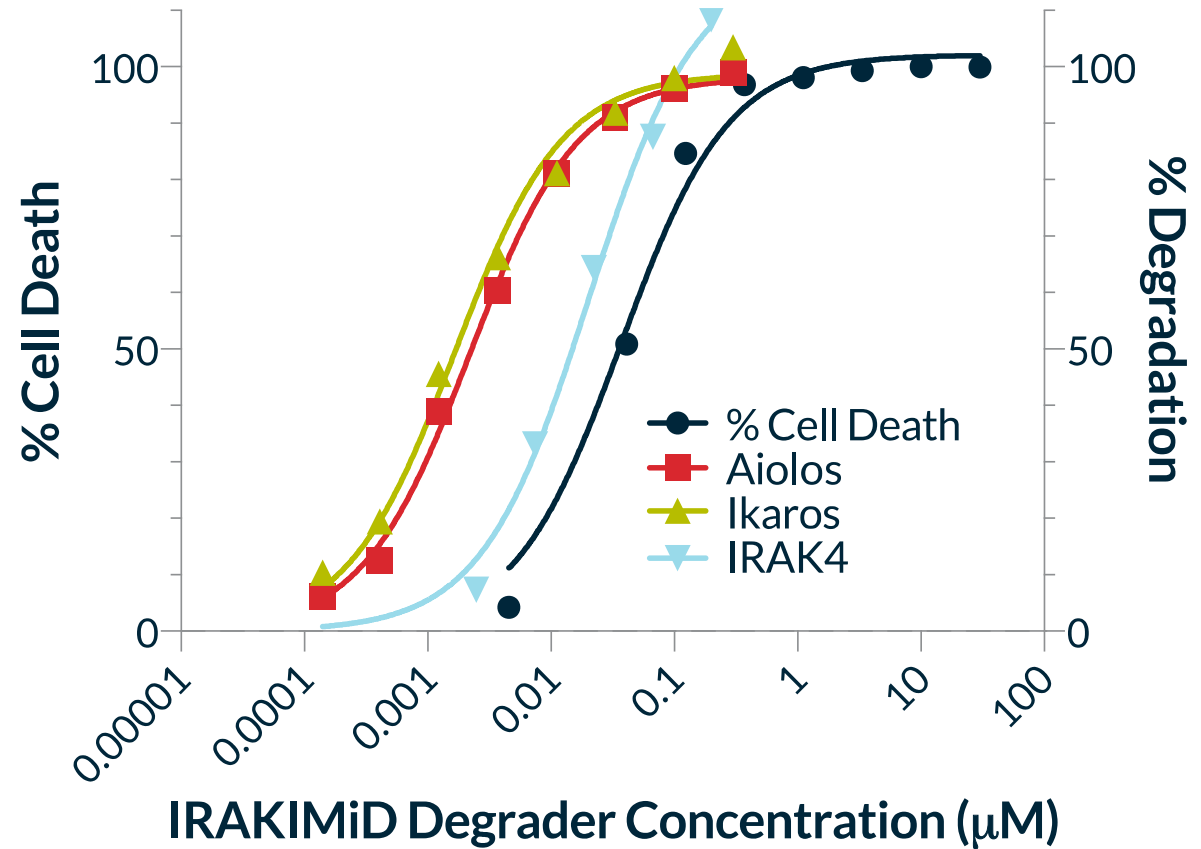
- MYD88 is mutated in approximately 90% of **Waldenström's macroglobulinemia** cases and 70% of primary central nervous system lymphoma

- **IL1R/TLR/NFκB**-driven cancers, AML & MDS subsets with long isoform of IRAK4 (IRAK4L)

Degradation of IRAK4, Ikaros and Aiolos Correlates to Cell Killing



- IRAK4, Ikaros and Aiolos degradation measured in MYD-88-mutated OCI-Ly10 cells after 24 h of drug exposure
 - *IRAK4 DC₅₀ = 4 nM*
 - *Ikaros/Aiolos DC₅₀ = 2/2 nM*
- Degradation correlates with cell killing effects
 - *IC₅₀ = 31 nM*



KT-413: Selective for MYD88 Tumors Irrespective of Co-mutations

- KT-413 IRAKIMiD DC is a selective and efficient degrader of both IRAK4 and the IMiD substrates
 - *IRAK4* $DC_{50} = 8 \text{ nM}$
 - *Ikaros/Aiolos* $DC_{50} = 2 \text{ nM}$
- Degradation leads to cell viability effects **preferentially in MYD88-mutant lines irrespective of other mutational status**
- Data support potential for broadly targeting tumors harboring MYD88 mutations

Substrate

IRAK4

$DC_{50} \text{ nM}$

8

Ikaros/Aiolos

2/2

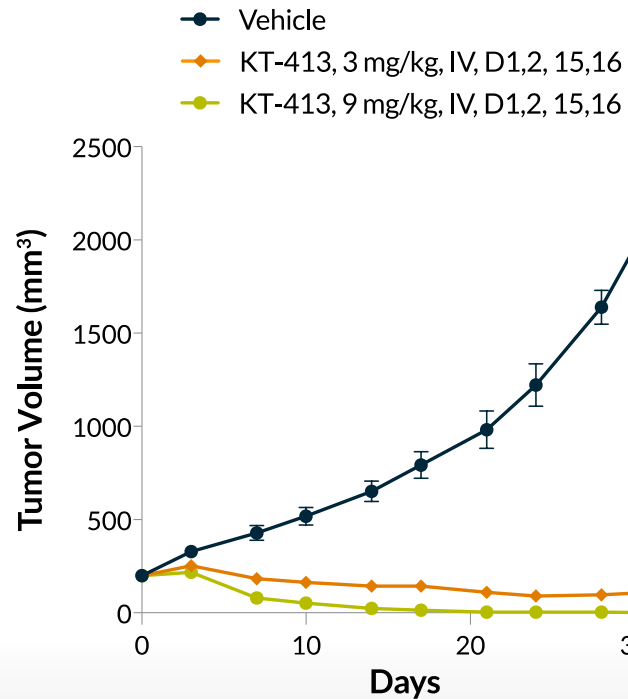
MYD88	Cell Line	Co-mutations	Cell ($IC_{50} \text{ nM}$)
mut	OCI-LY10 CTG $IC_{50} \text{ (nM)}$	CD79A	7
mut	SU-DHL2 CTG $IC_{50} \text{ (nM)}$	TNFAIP3, IRF4, BCL6	14
mut	TMD8 CTG $IC_{50} \text{ (nM)}$	CD79A, IRF4	29
Wild type	OCI-LY19 CTG $IC_{50} \text{ (nM)}$	None	3,400
Wild type	U2932 CTG $IC_{50} \text{ (nM)}$	BCL6	2,600

PK/PD in NHP is Consistent with Exposure and PD Associated with Efficacy

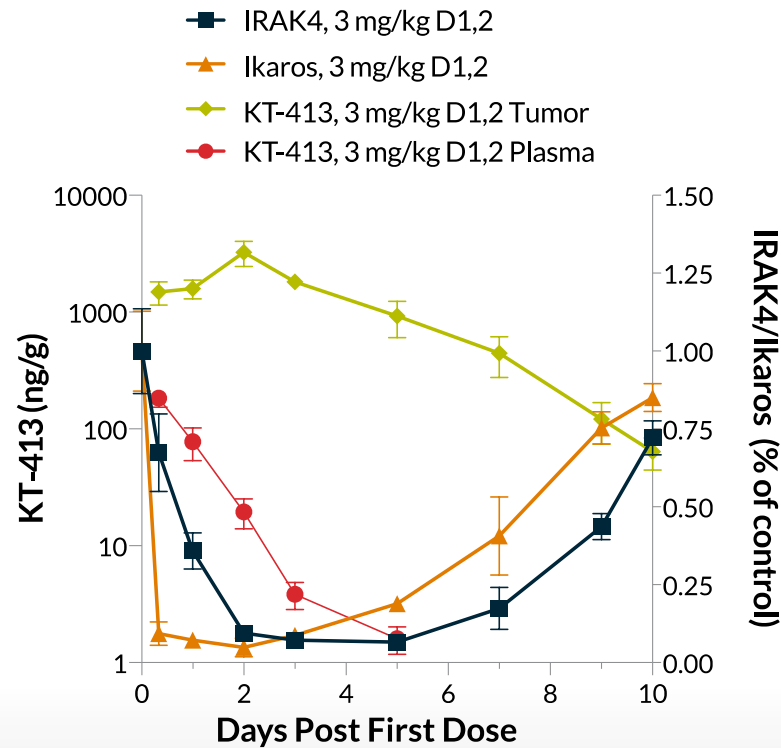
- Efficacy in OCI-Ly10 associated with >75% degradation in IRAK4 and IMiD substrates for >72h on intermittent (Q2W) dosing
- NHP doses on QW and Q2W dosing is associated with almost complete degradation of IRAK4 and IMiD substrates 3 days post dose

Xenograft Efficacy

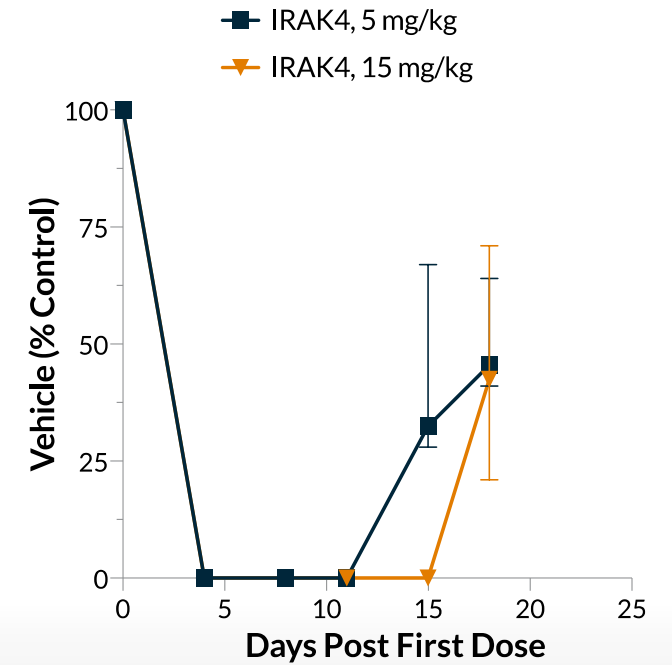
OCI-Ly10



KT-413 IV PK/PD in OCI-Ly10



PBMC PK/PD IRAK4 D1,2,8,9 Schedule



KT-413 Shows Regressions in MYD88^{MT} Patient-Derived Xenograft Models

Model	MYD88	CD79B	TNFAIP3	Other	KT-413 (%TGI)
LY14019	L265P	MT	MT		100
LY2264	L265P	MT		IRF4	100
LY2298	L265P	MT		BCL2/BCL6	90
LY12699	L265P	MT			87
LY2345	WT		MT		70
LY2301	WT				30
LY0257	L265P			BCL2/BCL6/IKZF3	0

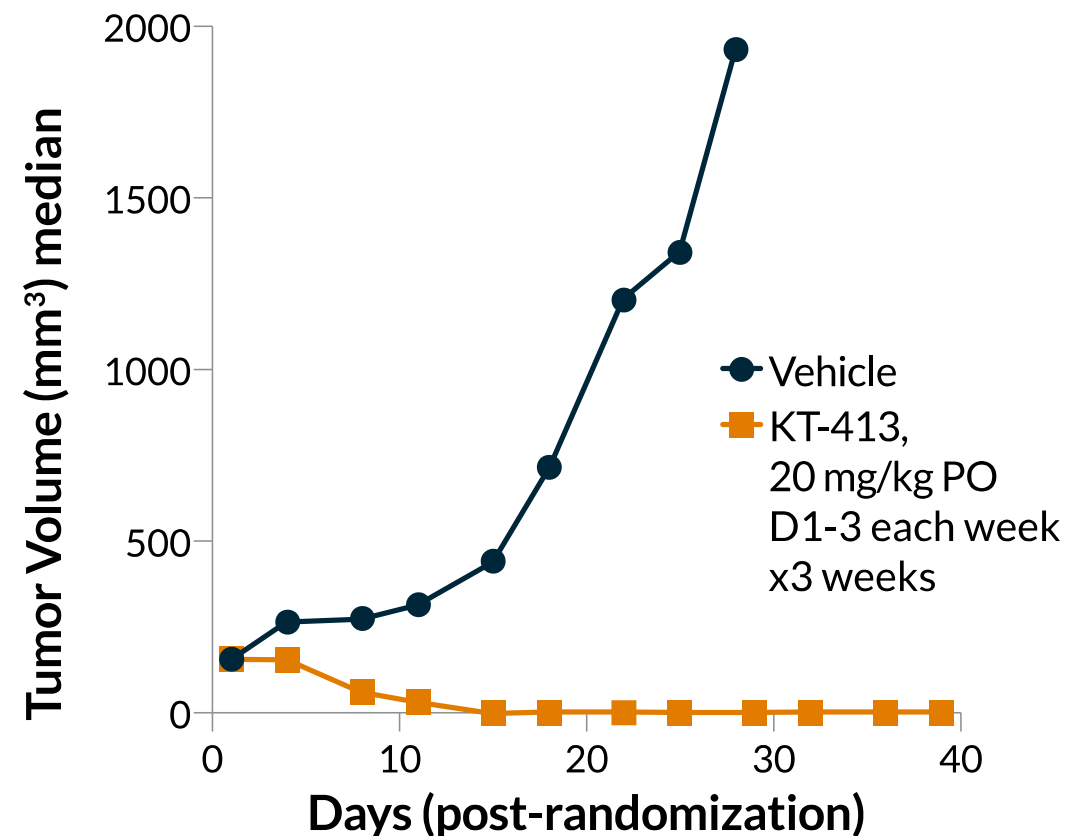
KT-413 dosed orally shows strong tumor growth inhibition (>85% TGI) in 4/5 MYD88-Mutated DLBCL PDX Models

- Activity is observed regardless of co-mutations that activate NFκB and IRF4 pathways
- The non-responsive MYD88^{MT} model LY0257 harbors a mutation in Aiolos and is reported to be insensitive to lenalidomide
- The functional consequence of Aiolos mutations in IRAK1MiD and IMiD response is being investigated

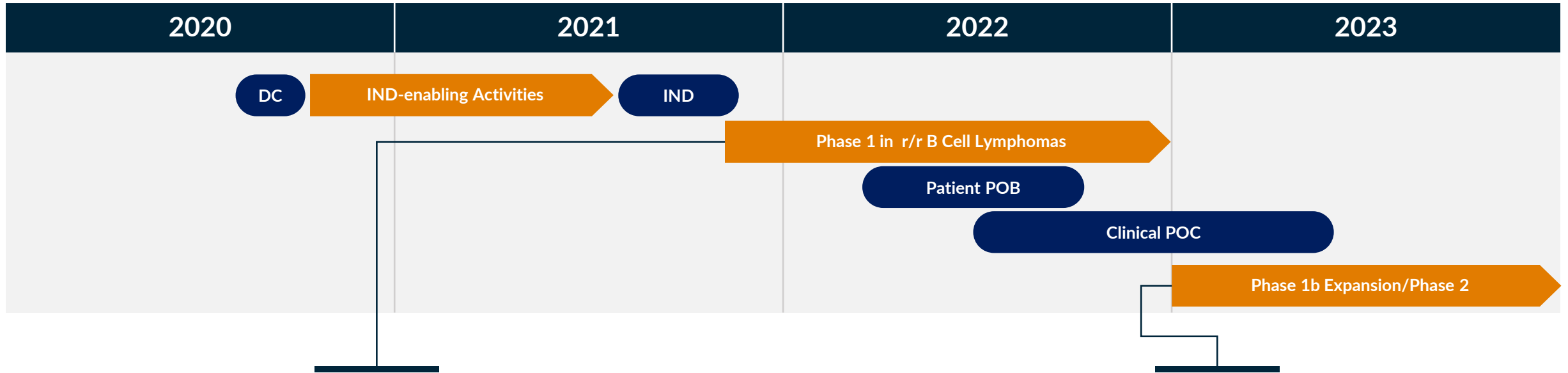
Some level of tumor growth inhibition observed in MYD88-WT PDX

- May be consistent with IMiD activity of KT-413

PDX LY14019^{CD79mut/MYD88L265Pmut}



KT-413 Development Plan



- **Multi-center Phase 1 dose escalation study (US sites) start in 2H21**
- Relapsed/refractory B cell lymphomas, including MYD88-mutant DLBCL
- Objectives include safety, tolerability, PK and PD (proof-of-biology) and preliminary clinical activity
- Clinical and biomarker endpoints
- **POB to be presented in 2022**

- Phase 1b expansion cohorts in DLBCL (MYD88-mut and -wt) and other MYD88-mut lymphomas, including Waldenstrom's macroglobulinemia and primary central nervous system lymphoma
- Objectives include safety, tolerability and clinical activity of monotherapy and select combinations
- Clinical and biomarker endpoints
- Potential expansion in other indications

The background is a complex, abstract composition of glowing, ethereal lines and spheres. The primary colors are various shades of blue, from deep navy to bright cyan, with occasional hints of purple and magenta. The lines are thin and wispy, creating a sense of movement and depth. Several larger, semi-transparent spheres are scattered throughout, some appearing to contain internal structures or light patterns. The overall effect is that of a futuristic or scientific visualization, possibly representing data flow or molecular structures.

STAT3

STAT3 Biology and Degradation Rationale

- STAT3 is a traditionally largely undrugged transcription factor activated through cytokine and growth factor receptors via JAKs and non-JAKs mediated mechanisms
- High degree of validation of JAK-STAT pathway in oncology and immuno-oncology supported also by numerous publications
- STAT3 plays a role in tumor biology, evasion of immune surveillance and inflammation/fibrosis
- No known drugs specifically affect STAT3 broadly across all relevant cell types

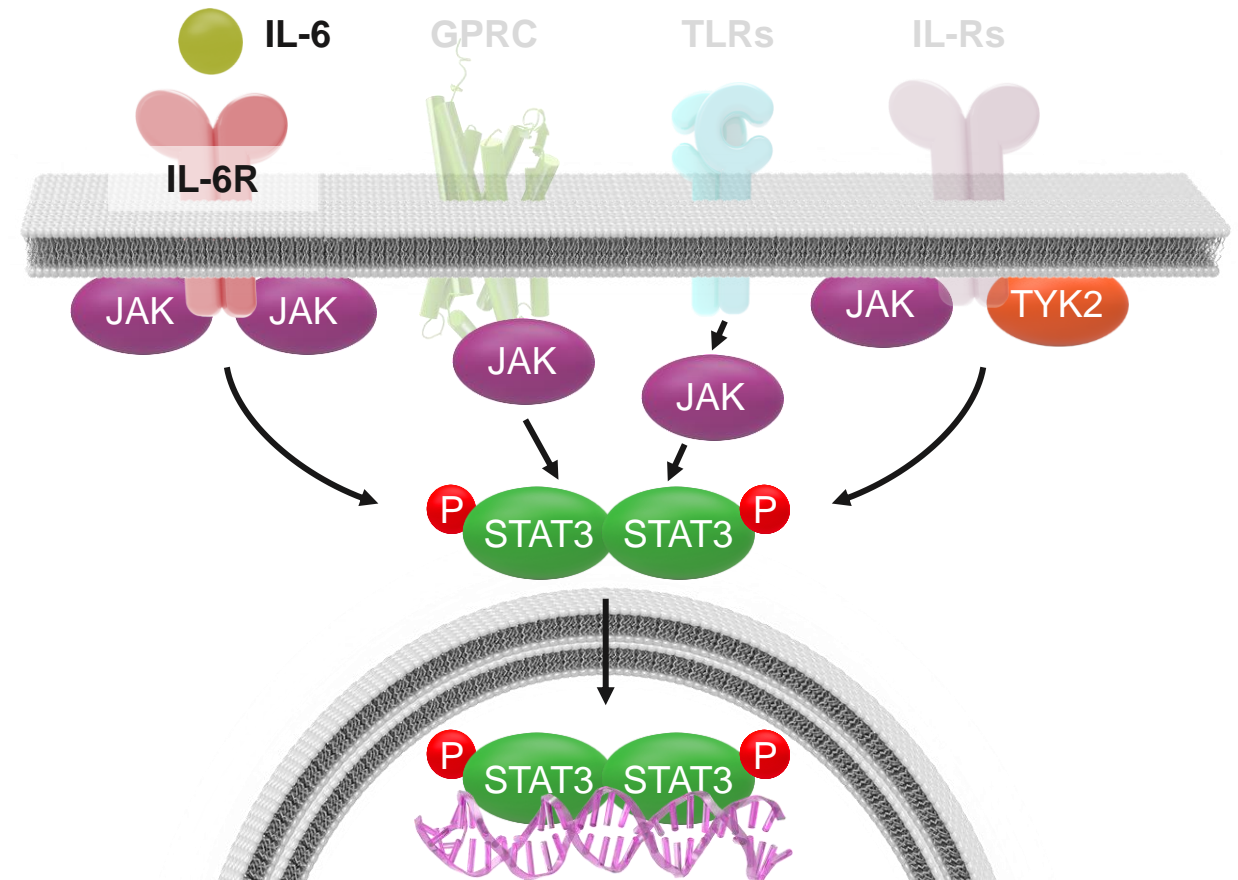
Indications/Expected Timeline

Hematological Malignancies/Solid Tumors and Autoimmune/Fibrosis

Nomination of development candidate: 1Q 2021 ✓

IND/Phase 1 initiation: 4Q 2021

Phase 1 proof-of-biology in patients: 2022



STAT3 Opportunity in Oncology & Autoimmunity

First-in-class opportunity to address STAT3-driven pathology across large and diverse indications

Patient Impact (U.S.)

Cancer

>5.0k per year
Peripheral T-cell Lymphoma

>2.0k per year
Cutaneous T-cell Lymphoma

>200.0k per year
NSCLC

Liquid Tumors

Genetically-defined STAT3 mutation and/or hyperactivation

PTCL, CTCL, T-LGL leukemia

STAT3 activation and dependency

DLBCL, AML, multiple myeloma

Solid Tumors

Cell Intrinsic: STAT3 role in EMT/TKI resistance

Combinations in TKI / chemotherapy resistant settings

Cell Extrinsic: STAT3 role in IO

T-cell infiltrated tumors. Combinations with immune-modulators

I/I
Fibrosis

>40.0k
Systemic Sclerosis

>11.0M
Atopic Dermatitis

>40.0k
Idiopathic Pulmonary Fibrosis

Autoimmune

STAT3 GOF syndrome

Genetically-defined population characterized by enteropathy, arthritis, dermatitis, lung disease

Immune-inflammatory

Systemic sclerosis, atopic dermatitis, rheumatoid arthritis, Crohn's disease/ulcerative colitis

Fibrosis

Chronic inflammation / fibrosis

Idiopathic pulmonary fibrosis, CKD/renal fibrosis

KT-333 Highly Specific Degradation of STAT3

CANCER

Liquid Tumors

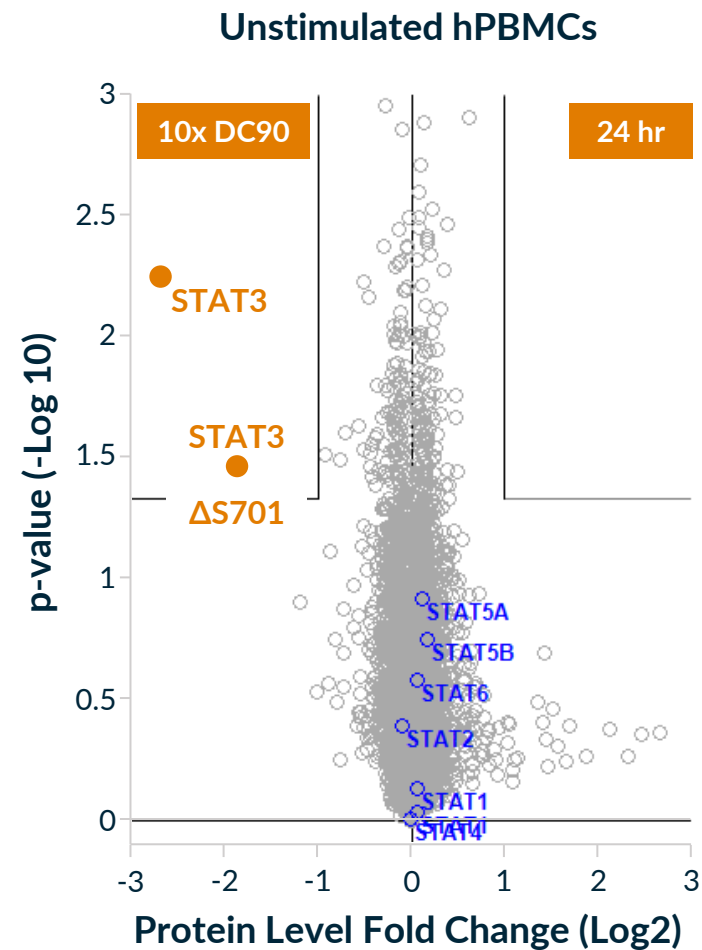
Solid Tumors

I/I
FIBROSIS

Autoimmune

Fibrosis

- Deep mass spectrometry-based proteomics to assess STAT3 specificity performed
- hPBMC and tumor cells (SU-DHL-1) treated with KT-333 degrader
- STAT3 was the only protein to be degraded with statistical significance
- Data demonstrate highly selective degradation profile



● STAT Family Members: STAT1, STAT2, STAT3, STAT4, STAT5A, STAT5B, STAT6

Full and Durable Regressions Across Multiple *in vivo* Preclinical Tumor Models

CANCER

Liquid Tumors

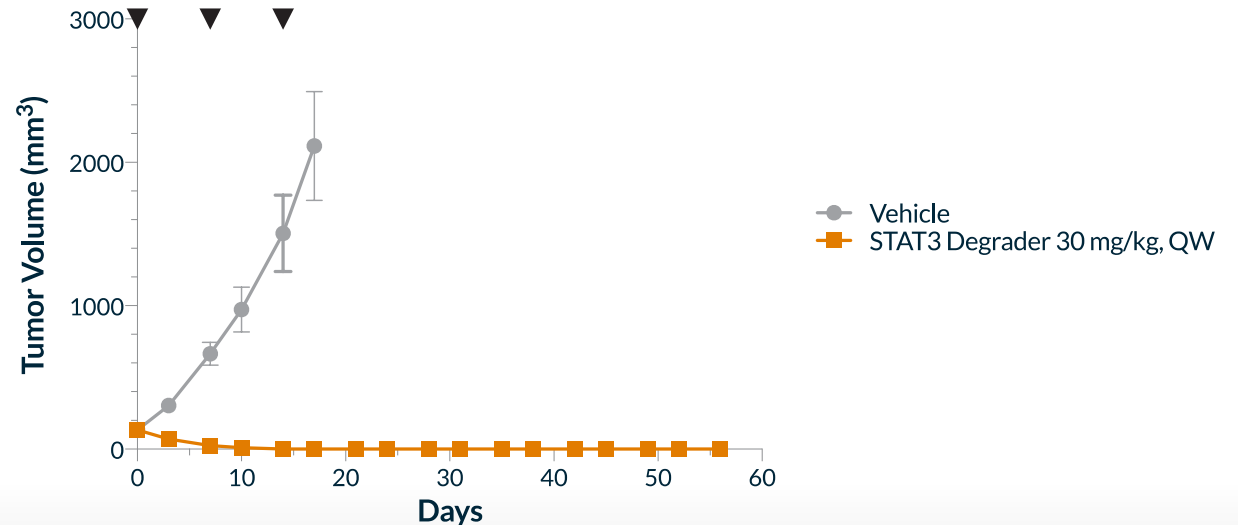
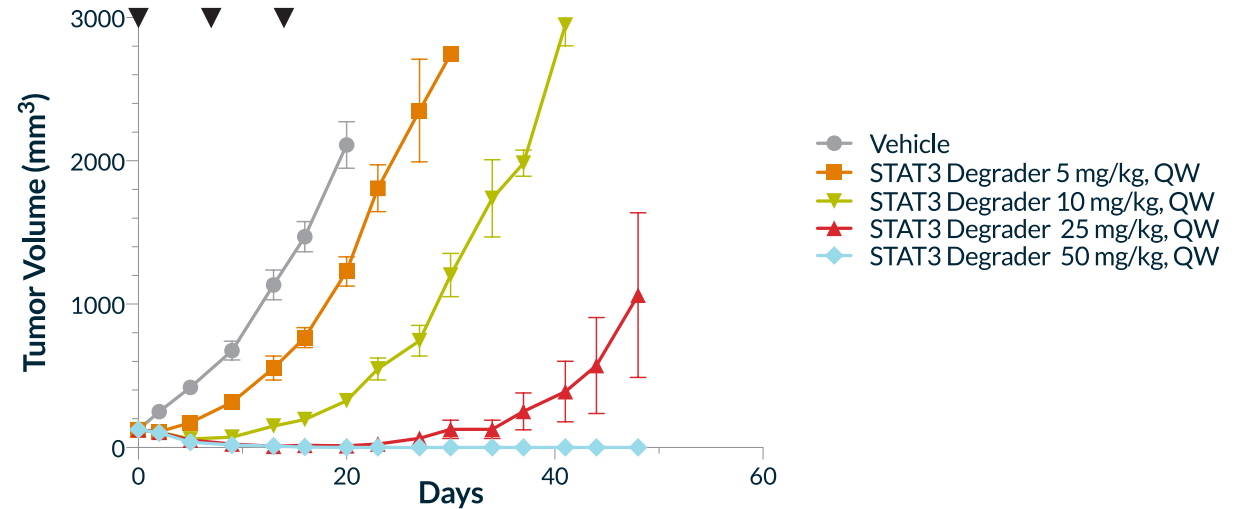
Solid Tumors

I/I
FIBROSIS

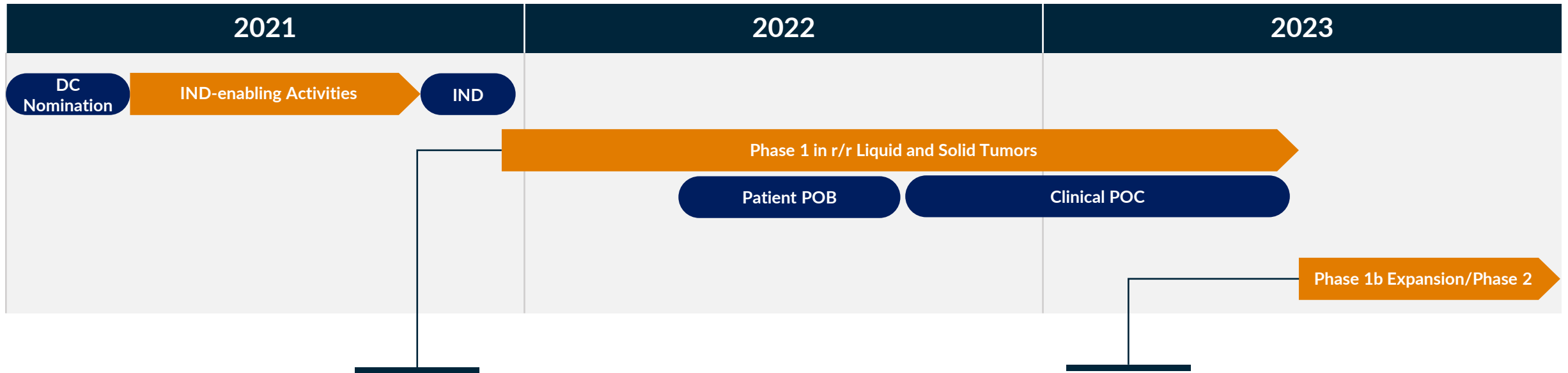
Autoimmune

Fibrosis

- Mice bearing STAT3-dependent ALK+ ALCL SU-DHL-1 (above) and STAT3-driven ALK+ ALCL xenograft model SUP-M2 (below) tumors dosed with STAT3 degrader
- Dose and degradation dependent tumor growth inhibition observed with once-a-week IV dosing
- 30 mg/kg sufficient to drive full tumor regression that was durable for multiple weeks after the last dose



STAT3 Degradation Development Plan in Liquid & Solid Tumors



- **Multi-center Phase 1 dose escalation study start in 4Q21**
- Safety, tolerability, PK and PD (proof-of-biology) and preliminary clinical activity
- Clinical and biomarker endpoints
- **POB to be presented in 2022**

- Phase 1b expansion cohorts in STAT3-dependent liquid tumors
- Objectives include safety, tolerability and clinical activity of monotherapy and select combinations
- Separate Phase 2 in solid tumors

Near-Term Milestones Provide Significant Opportunity

Program	Compound	Indication(s)	Expected Upcoming Milestones
IRAK4	KT-474	AD, HS, RA, others	<ul style="list-style-type: none"> ✓ Initiate SAD portion of Phase 1 trial in healthy volunteers (1Q 2021) ✓ Present updated Non-Interventional trial results (2Q21) ✓ Present KT-474 preclinical data vs. kinase inhibitors in immune-inflammatory preclinical models (2Q21) <ul style="list-style-type: none"> • Initiate enrollment in MAD portion of Phase 1 trial in HV, as well as AD and HS patients (2H21)* • Establish Phase 1 proof-of-biology in healthy volunteers (4Q 2021)
IRAKIMiD (IRAK4, Ikaros, Aiolos)	KT-413	MYD88 ^{MT} DLBCL	<ul style="list-style-type: none"> ✓ Presentation of KT-413 mechanism of action at the AACR Annual Meeting (2Q21) <ul style="list-style-type: none"> • Submit IND and, if cleared, initiate Phase 1 clinical trial in r/r B cell lymphomas (2H21) • Present additional KT-413 preclinical data and potential expansion strategies (2H21) • Establish Phase 1 proof-of-biology in patients (2022) • Establish Phase 1 initial clinical proof-of-concept in patients (2022)
STAT3	KT-333	Liquid & Solid Tumors	<ul style="list-style-type: none"> ✓ Nominate development candidate for liquid & solid tumor indications (1Q21) <ul style="list-style-type: none"> • Present additional preclinical data in liquid & solid tumor indications (2021) • Submit IND, and if cleared, initiate Phase 1 clinical trial (4Q21) • Establish Phase 1 proof-of-biology in patients (2022) • Establish Phase 1 initial clinical proof-of-concept in patients (2022)

Discovery Programs & Platform

● = Oncology ● = Immunology-Inflammation

- Continue pipeline expansion by advancing early-stage discovery programs toward IND-enabling studies
- Further expand Pegasus platform to generate novel degrader product candidates
- Leverage Whole-Body Atlas to unlock new opportunities across broad therapeutic applications

THANK YOU

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The bottom portion of the slide features a decorative background. On the left, the word "KYMERA" is displayed in a large, white, sans-serif font. The letter "K" is stylized with an orange and yellow graphic element to its left. The background behind the text consists of abstract, glowing blue and purple lines and shapes. To the right of this graphic, the background transitions into a night sky with a starry constellation and a dark silhouette of a forested mountain range at the bottom.

KYMERA