



Investor Event

November 16, 2021

Transforming patients' lives
through science™



Forward Looking Statement and Non-GAAP Financial Information

This presentation contains statements about the Company's future plans and prospects that constitute forward-looking statements for purposes of the safe harbor provisions under the Private Securities Litigation Reform Act of 1995. Actual results may differ materially from those indicated as a result of various important factors, including those discussed in the Company's most recent annual report on Form 10-K and reports on Form 10-Q and Form 8-K. These documents are available on the SEC's website, on the Bristol-Myers Squibb website or from Bristol-Myers Squibb Investor Relations.

In addition, any forward-looking statements represent our estimates only as of the date hereof and should not be relied upon as representing our estimates as of any subsequent date. While we may elect to update forward-looking statements at some point in the future, we specifically disclaim any obligation to do so, even if our estimates change.

This presentation includes certain non-generally accepted accounting principles (GAAP) financial measures that we use to describe our company's performance. The non-GAAP information presented provides investors with additional useful information but should not be considered in isolation or as substitutes for the related GAAP measures. Moreover, other companies may define non-GAAP measures differently, which limits the usefulness of these measures for comparisons with such other companies. We encourage investors to review our financial statements and publicly-filed reports in their entirety and not to rely on any single financial measure. An explanation of these non-GAAP financial measures and a reconciliation to the most directly comparable GAAP financial measure are available on our website at bms.com/investors.

Also note that a reconciliation of certain forward-looking statements, however, is not provided due to no reasonably accessible or reliable comparable GAAP measures for such statements and the inherent difficulty in forecasting and quantifying such statements that are necessary for such reconciliation.

Today's Agenda



Giovanni Caforio
Strategic Overview



Rupert Vessey
Innovation Engine
& Early Pipeline



Samit Hirawat
Late-Stage
Pipeline Update

BREAK (10 min)



Chris Boerner
Commercial
Opportunities



David Elkins
Financial
Overview

Giovanni Caforio
Closing, Q&A

Conclusion, lunch reception
12:00 pm

Strategic Overview



Giovanni Caforio

Board Chair and Chief Executive Officer

Our strategic foundation

A differentiated biopharma company focused on innovative medicines for patients with cancer and other serious diseases

BEST OF BIOTECH

BEST OF PHARMA

- Leading scientific innovation
- Collaborating at center of the biotech ecosystem
- Leveraging global scale and agility
- Driven by the best people

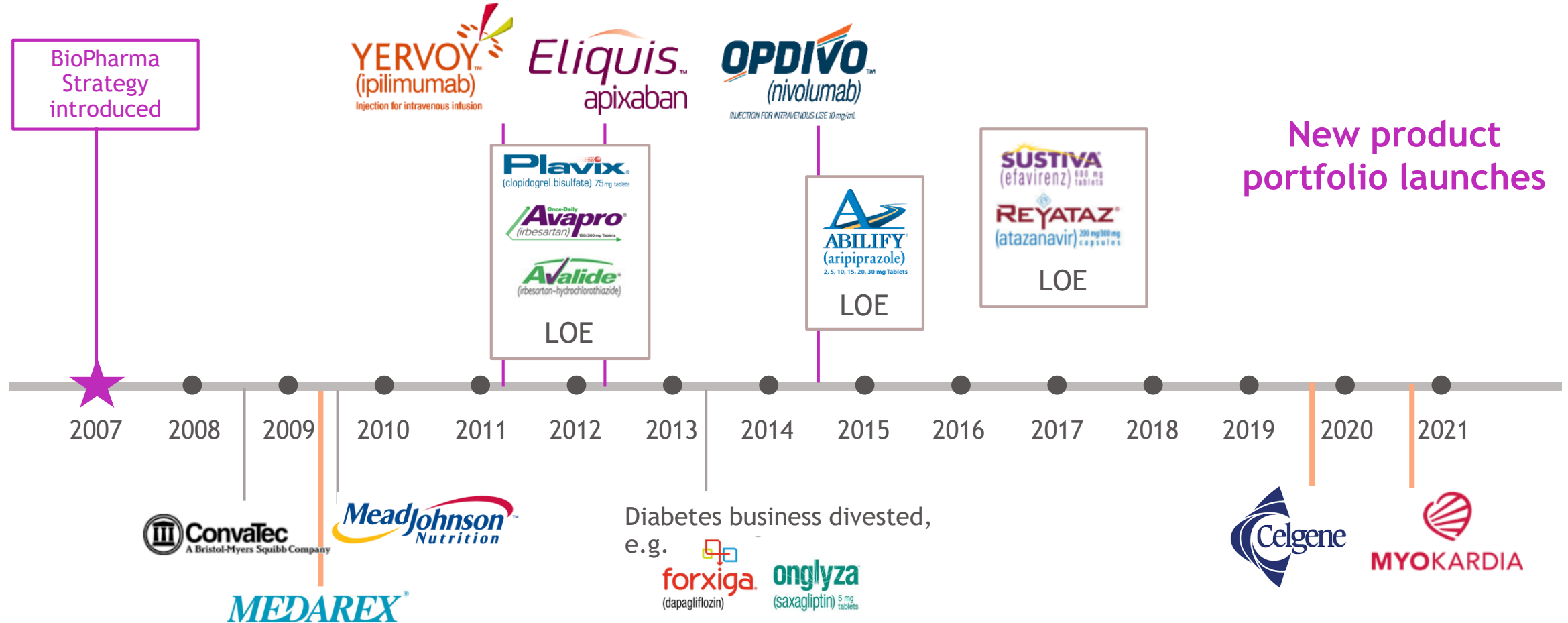
Continued execution of biopharma strategy

Portfolio transformation enabled by strong track record of commercial execution

Creating our biopharma company

Focusing on specialty medicines

Deepening our innovation engine & long-term growth drivers



Deepening our innovation engine since 2019



Deeper pipeline

From 29 to 64 Phase 1 & 2 assets

From 11 to 22 Phase 3 & registrational expansion opportunities



Expanded research platforms

Industry leading Protein Homeostasis capability

Expanding Cell Therapy platforms



Broader external partnership network

Currently >300

Well positioned with a diverse portfolio of leading medicines

Leading Products across Four Therapeutic Areas

Solid Tumor Oncology



Hematology



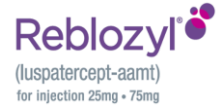
Cardiovascular



Immunology



New Product Portfolio



mavacamten*

rela+nivo FDC*

deucravacitinib*

Deep & Broad Late-stage Pipeline

iberdomide

CC-92480

FR α ADC

milvexian

BCMA TCE

cendakimab

bempeg

+ Expansion opportunities across multiple assets

Robust Early-stage Pipeline**

50+ assets

Across leading drug discovery platforms:

- Small molecules
- Protein homeostasis
- Biologics
- Cell therapy

**Phase I / II Assets

Financial strength enabling continued investment for growth

Our Commitment as a sustainable organization



Key Priorities

Embracing environmental stewardship

Promoting product quality & safety
Cultivating diversity, equity & inclusion
Ensuring health equity, patient access & innovation

Maintaining highest ethics, integrity & compliance
Upholding Board oversight & accountability

Concrete Commitments

- 2024 • Science-based emissions reduction targets established
- 2030 • 100% renewable electricity
- 2040 • Net neutral GHG
 - 100% EV fleet
 - 100% equitable water use
 - Zero waste to landfill

- 2021 • ≥ 25% new clinical trial sites in diverse metro areas
- 2022 • Gender parity at executive level
 - 2X representation for Black/African American & Hispanic/Latino executives
- 2025 • \$1B spend with diverse suppliers

- Experienced & diverse Board
 - Board oversight of strategy & key enterprise risks
 - 60% female & ethnically diverse directors
- Shareholder rights
 - Regular shareholder engagement
 - Proxy access
 - Special meeting right (15%)

Confidence in our ability to address future key LOE exposures

1H Decade



2H Decade



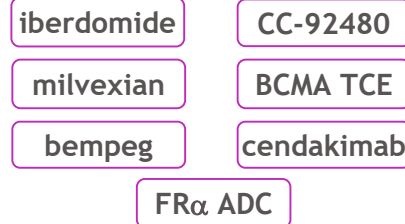
Multiple drivers of growth to more than offset LOE headwinds

New Product Portfolio

\$25B+

NRA revenue potential

Mid to late stage Pipeline



Early-Stage Pipeline

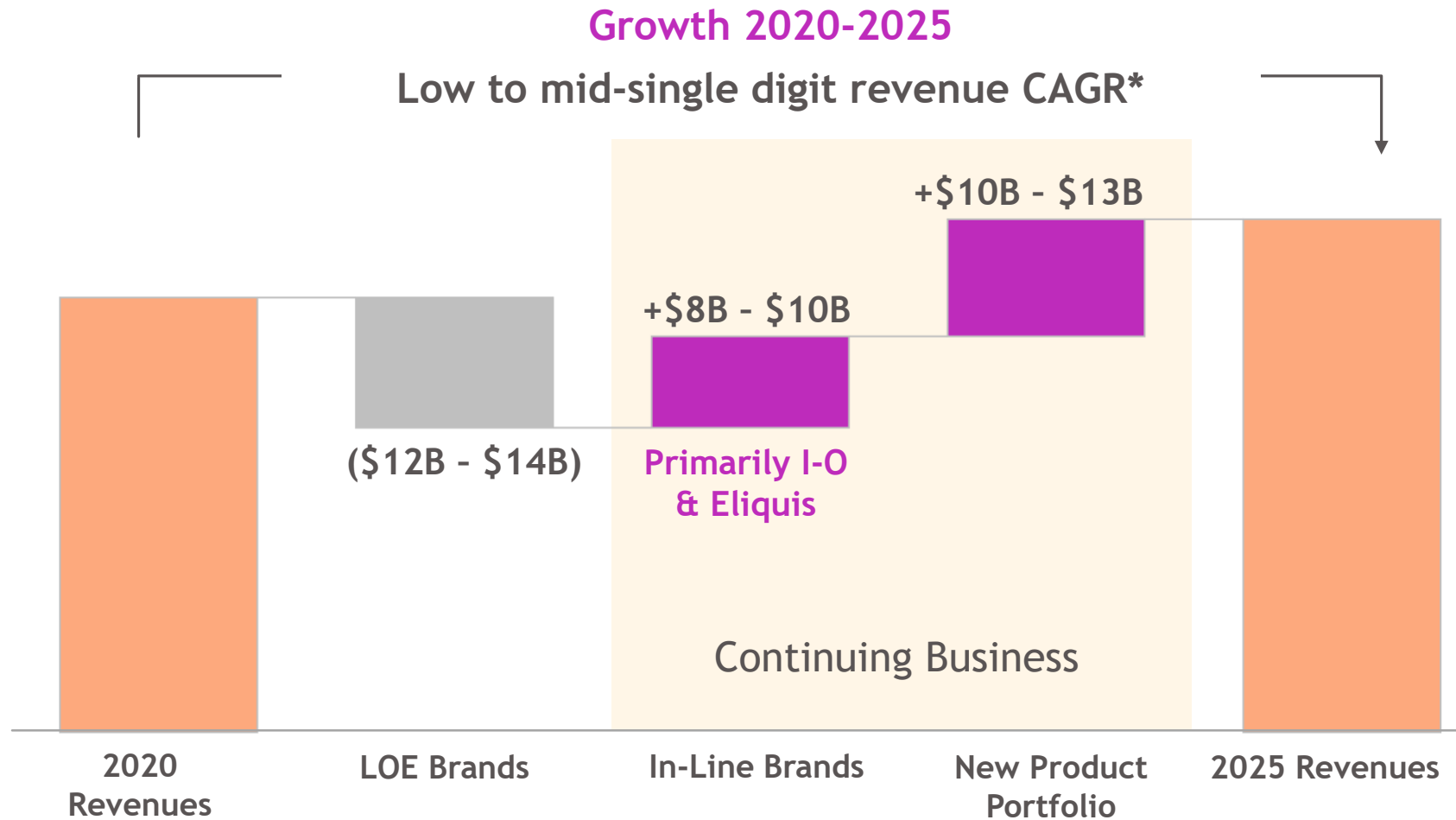
50+ assets

Financial strength

\$45B - \$50B

free cash flow 2021-2023

2020-2025 revenue growth: Continuing Business offsets LOEs

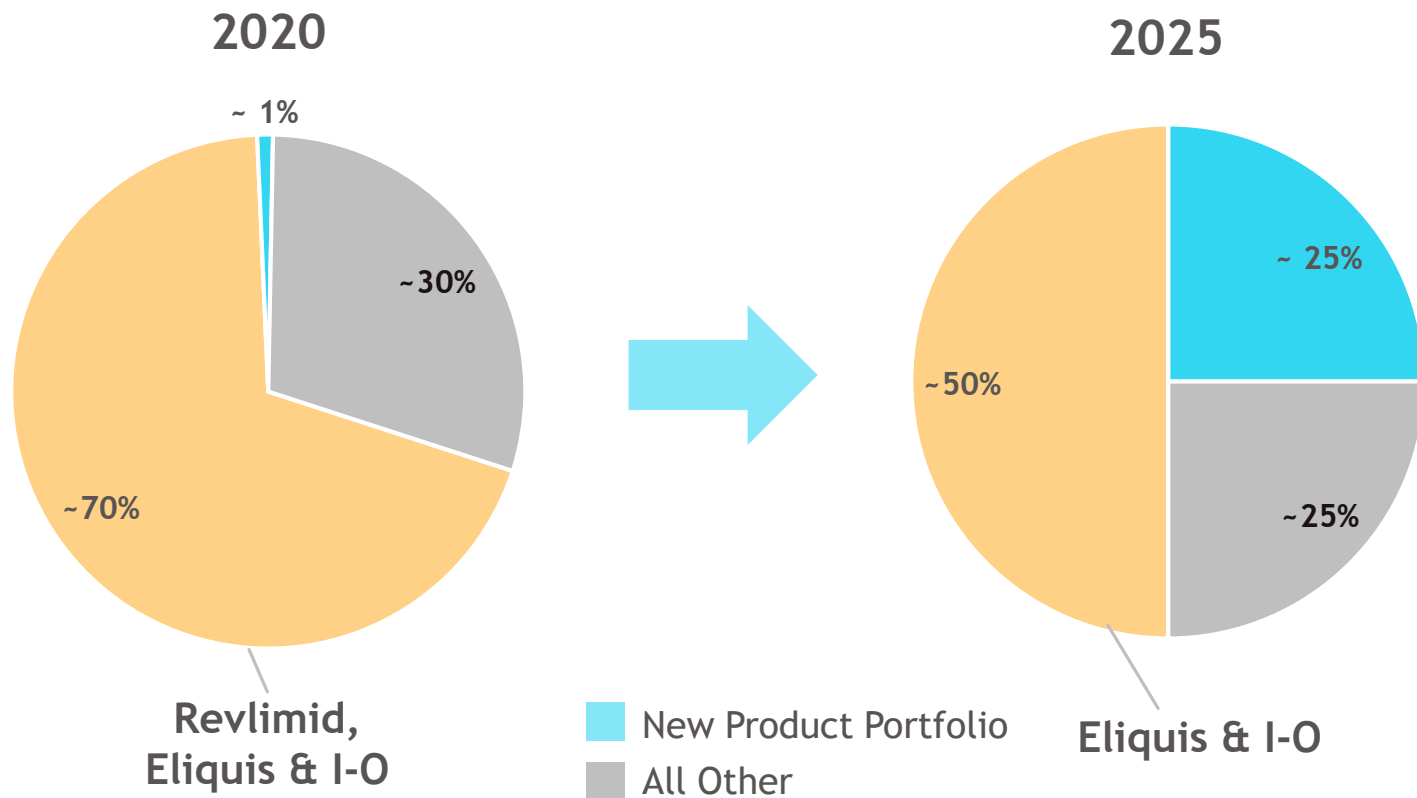


LOE Brands = Revlimid, Pomalyst, Sprycel, and Abraxane

Not for Product Promotional Use

Opportunity for a more diversified portfolio in 2025

Total Company Revenue Composition



New Product Portfolio expected to represent **~25%** of total company revenue expected in 2025, with continued growth expected

Reduced concentration of top brands from ~70% in 2020 to ~50% in 2025; trend expected to continue

New Product Portfolio has significant growth potential

Broad New Product Portfolio with **\$25B+**
non-risk adjusted revenue potential in 2029

\$4B+

Reblozyl[™]
(luspatercept-aamt)
for injection 25mg • 75mg

mavacamten

deucravacitinib

rela+nivo FDC

\$3B+

ZEPOSIA[®]
(ozanimod) | 0.92 mg
capsules

Breyanzi

\$1B+

ONUREG[™]
(azacitidine) tablets
300mg • 200mg

Abecma[®]
(idecabtagene vicleuce) SUSPENSION
FOR IV INFUSION

Broad pipeline addresses diseases with significant commercial potential

Mid to late-stage pipeline

milvexian	CC-92480
cendakimab	BCMA TCE
iberdomide	bempeg
	FR α ADC

Early-stage pipeline

50+ assets

Focused in disease areas with large and growing commercial potential

Cardiovascular \$20B+

HF \$3B+ Thrombosis \$19B+

Hematology \$40B+

MM \$20B+ NHL \$11B+
MDS \$1B+ AML \$1B+
CLL \$6B+

Immunology \$75B+

RA \$28B+ Psoriasis \$20B+
PsA \$4B+ Ank. Spond. \$1B+
Lupus \$1B+ Atopic Derm \$4B+
UC \$6B+ Crohn's \$13B+

Solid Tumor Onc \$80B+

Lung \$25B+ CRC \$7B+
Breast \$21B+ Prostate \$10B+
Ovarian \$2B+ Renal \$7B+
Melanoma \$7B+ GI \$1B+
H&N \$2B+ Liver \$1B+

Source: EvaluatePharma 2020 estimates

Business Development remains a top priority



Consistent criteria for sourcing external innovation

- Strategically Aligned
- Scientifically Sound
- Financially Attractive



Focused on therapeutic areas of interest

- Oncology
- Hematology
- Immunology
- Cardiovascular
- Neurology

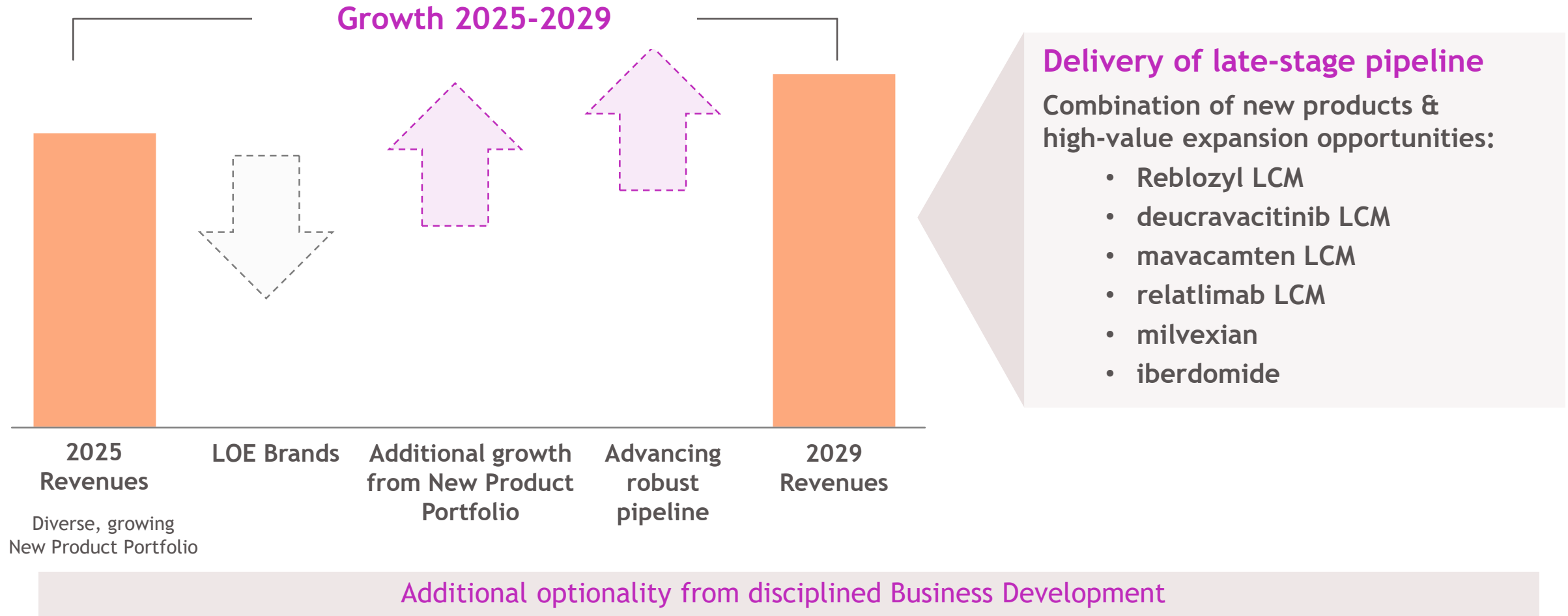


Current focus:

- Emerging science-based in-licensing opportunities
- Small & mid-sized bolt-on opportunities to strengthen innovation engine & long-term growth profile

New Product Portfolio and pipeline provide multiple pathways to growth from 2025 to 2029

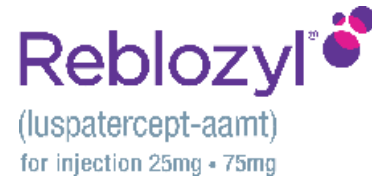
New product portfolio and pipeline products will continue to provide revenue replacement power, offsetting Eliquis and I-O LOEs



Critical 2022 & 2023 deliverables to unlock value of New Product Portfolio



Establish broad access for Zeposia in UC



Enable expansion for Reblozyl through successful 1L MDS COMMANDS trial



Build industry-leading cell therapy franchise, anchored on Breyanzi

mavacamten

Deliver successful launch of mavacamten over the next year

deucravacitinib

Establish deucravacitinib as oral of choice in Psoriasis

What we will cover with you today



Rupert Vessey

Provide insight to our innovation engine



Samit Hirawat

Review our mid & late-stage pipeline



Chris Boerner

Discuss the building blocks of growth



David Elkins

Review our financial strength & approach to capital allocation

Innovation Engine & Early Pipeline



Rupert Vessey,

MA, BM, BCh, FRCP, DPhil

President, Research & Early Development

R&D Strategic Foundation

An innovation company developing first-in-class & best-in-class medicines addressing significant unmet need

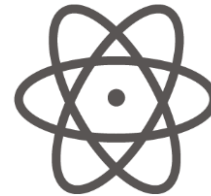
Key Enablers of Our Success



Talent



Portfolio Execution



Innovative R&D Platforms



External Partnerships

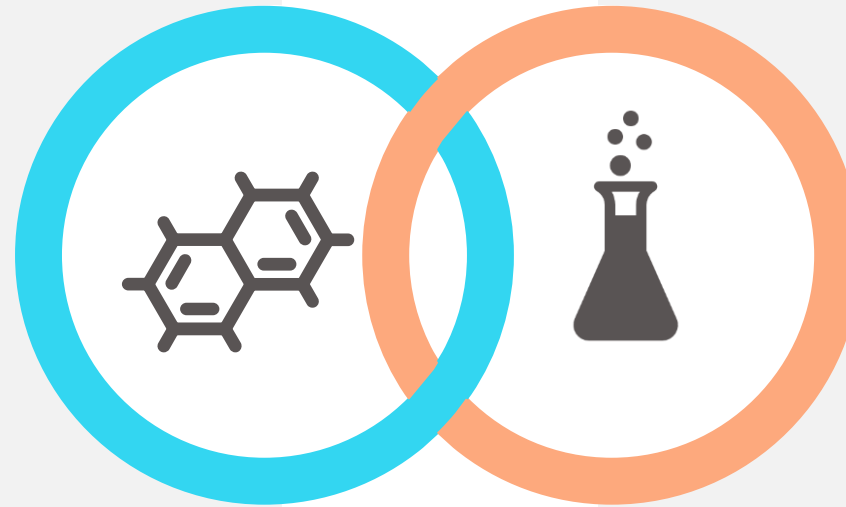


Digital Innovation

An Integrated Approach to Research and Development

Research & Early Development

Drive innovation and bring forward next generation assets



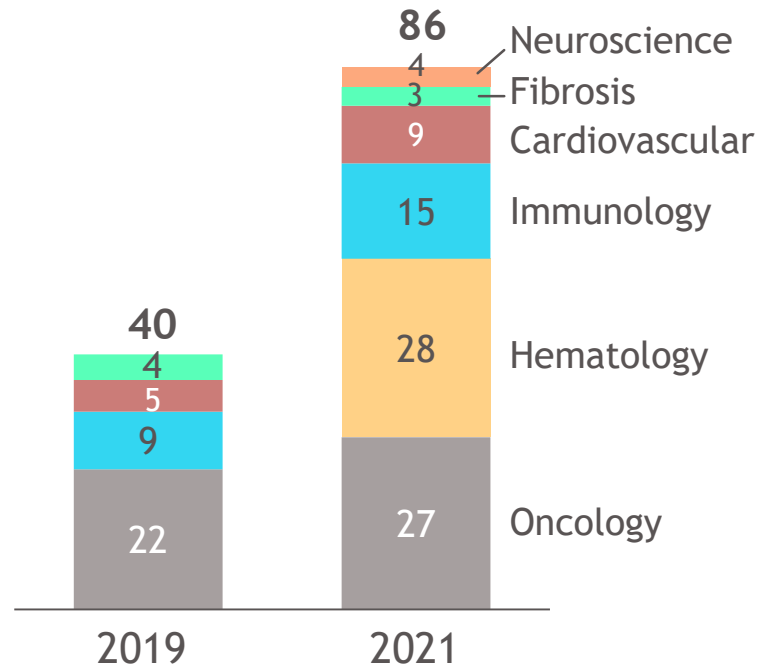
Global Drug Development

Maximize innovation and productivity for late stage and LCM opportunities

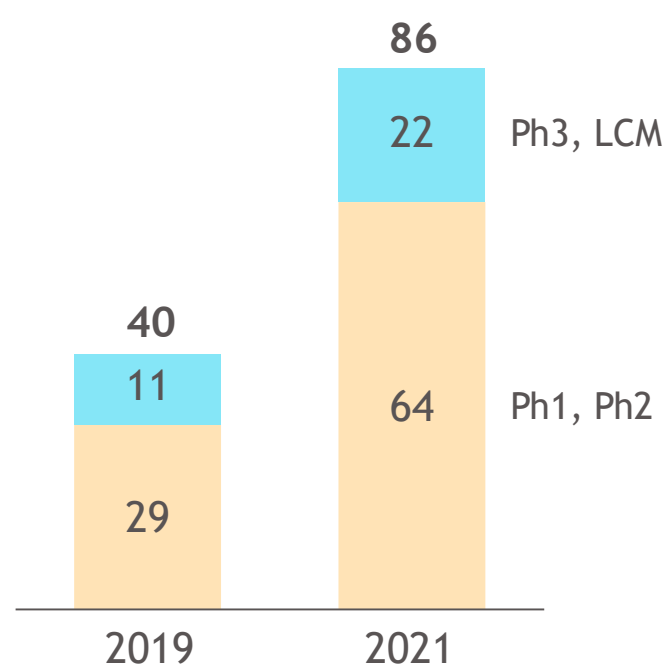
Differentiated and Diversified Portfolio Grown through Internal R&D and BD

Distribution of clinical pipeline (2019 to 2021)
of assets

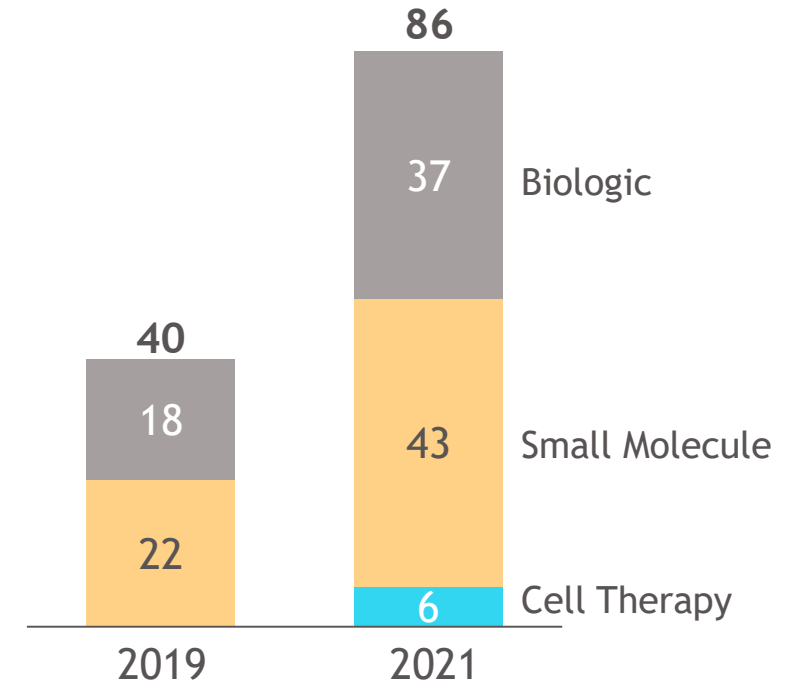
Diversifying portfolio across TAs



Rich early and mid-stage pipeline

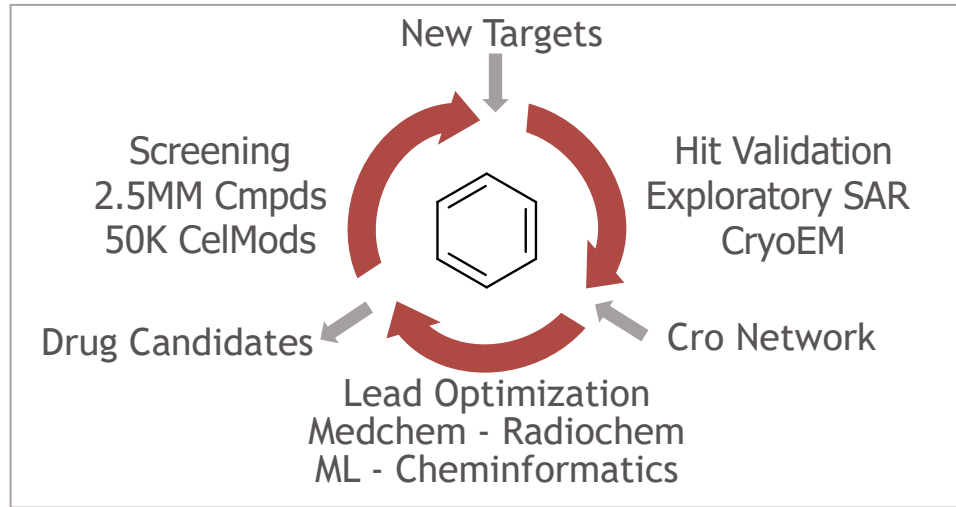


Modality agnostic approach



Industry Leading Drug Discovery Platforms

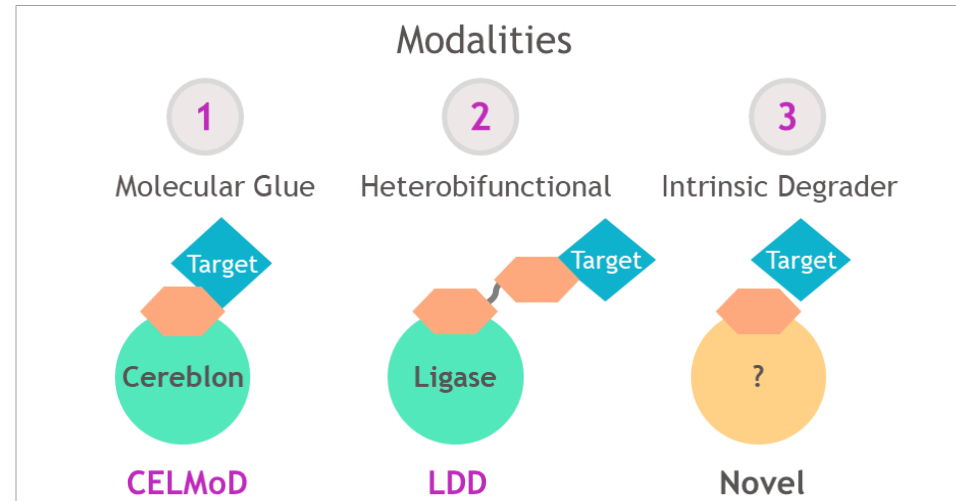
Small Molecule Drug Discovery



Complex Biotherapeutics

<p>Probodyes</p> <p>Tumor/Tissue activation</p> <p>CTLA-4 probody CYTOMX</p>	<p>Immune Cell Engagers</p> <p>Immune cell engagers</p> <p>NK Cell Dragonfly Therapeutics T-cell engager</p>	<p>Bi-Specifics</p> <p>Optimized targeting</p> <p>Pre-clinical</p>	<p>Site Specifics ADCs</p> <p>Improved therapeutic index</p> <p>BCMA ADC SUTRO BIOPHARMA</p>
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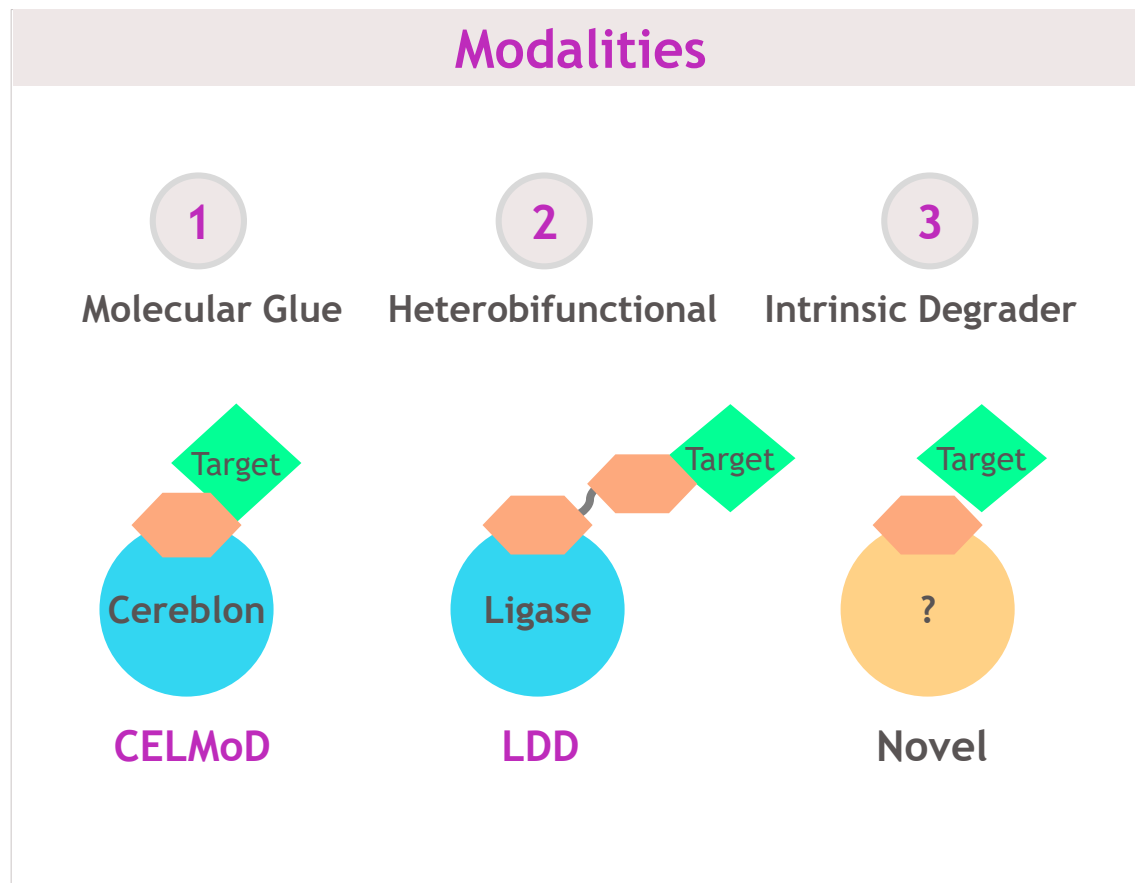
Protein Homeostasis



Cell Therapy

<p>CAR</p> <p>CAR T technology: recognizes proteins on the surface of cancer cells</p>	<p>TCR</p> <p>TCR technology: recognizes intracellular tumor-specific proteins</p>
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Novel Assets Advancing from our Protein Homeostasis Platform

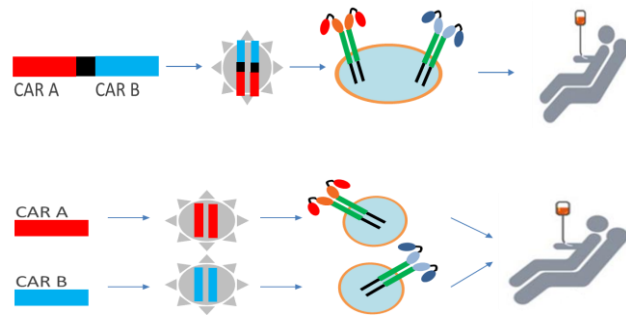


Asset	Indication	Phase
iberdomide A/I* CELMoD	MM	Late Development
CC-92480 A/I* CELMoD	MM	Late Development
CC-90009 GSPT1 CELMoD	AML	Early Development
CC-99282 A/I* CELMoD	Lymphoma	Early Development
CK1α CELMoD	AML	Early Development
AR-LDD	Prostate Cancer	Early Development
2 Novel LDD 5 Novel CELMoD	Heme-Onc, Inflammation	Full Discovery

Broad Investment in Next Generation Cell Therapies

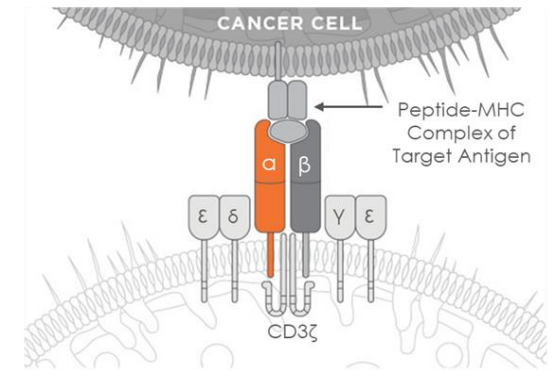
Dual Antigen Targeting CAR Ts

Mitigating antigen loss



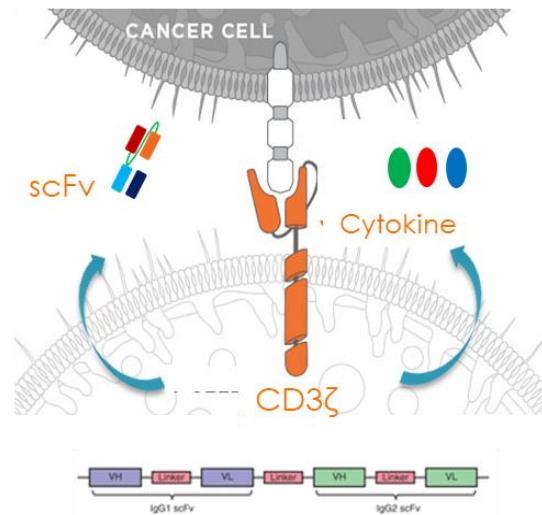
Engineered TCR T Cells for Solid Tumors

Recognizes intracellular targets



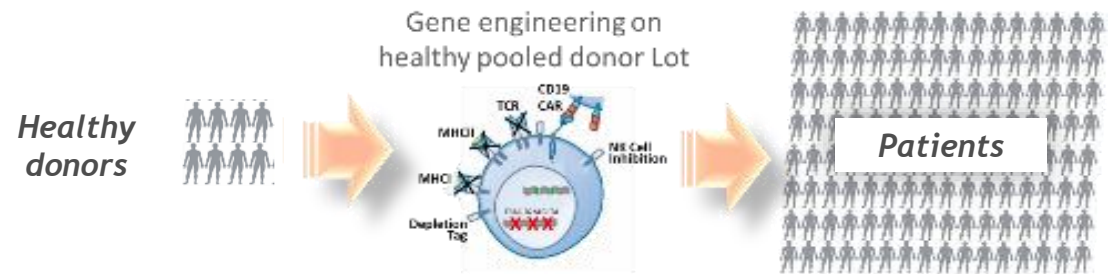
CAR T Armed Payload

Overcoming tumor microenvironment resistance



Allogeneic CAR T Cells

Off the shelf alternative

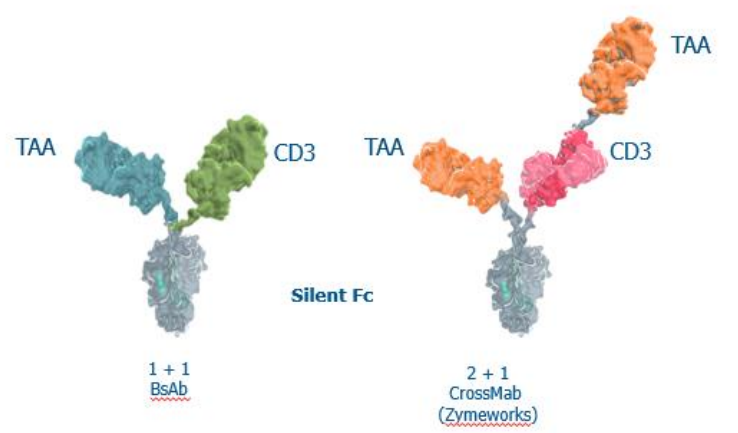


Enabled through strategic partnering

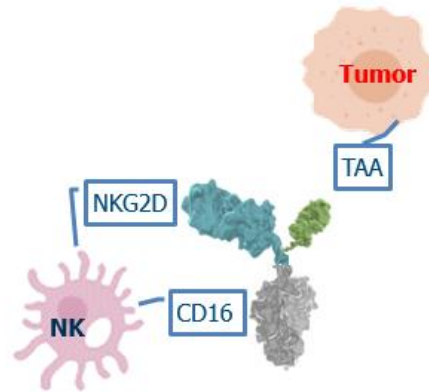


Immune Cell Engager Molecules are Complementary Modalities to Cellular Therapy

Bispecific Antibodies: Direct host immune cells (T or NK) to recognize & attack tumor cells



T Cell Engagers



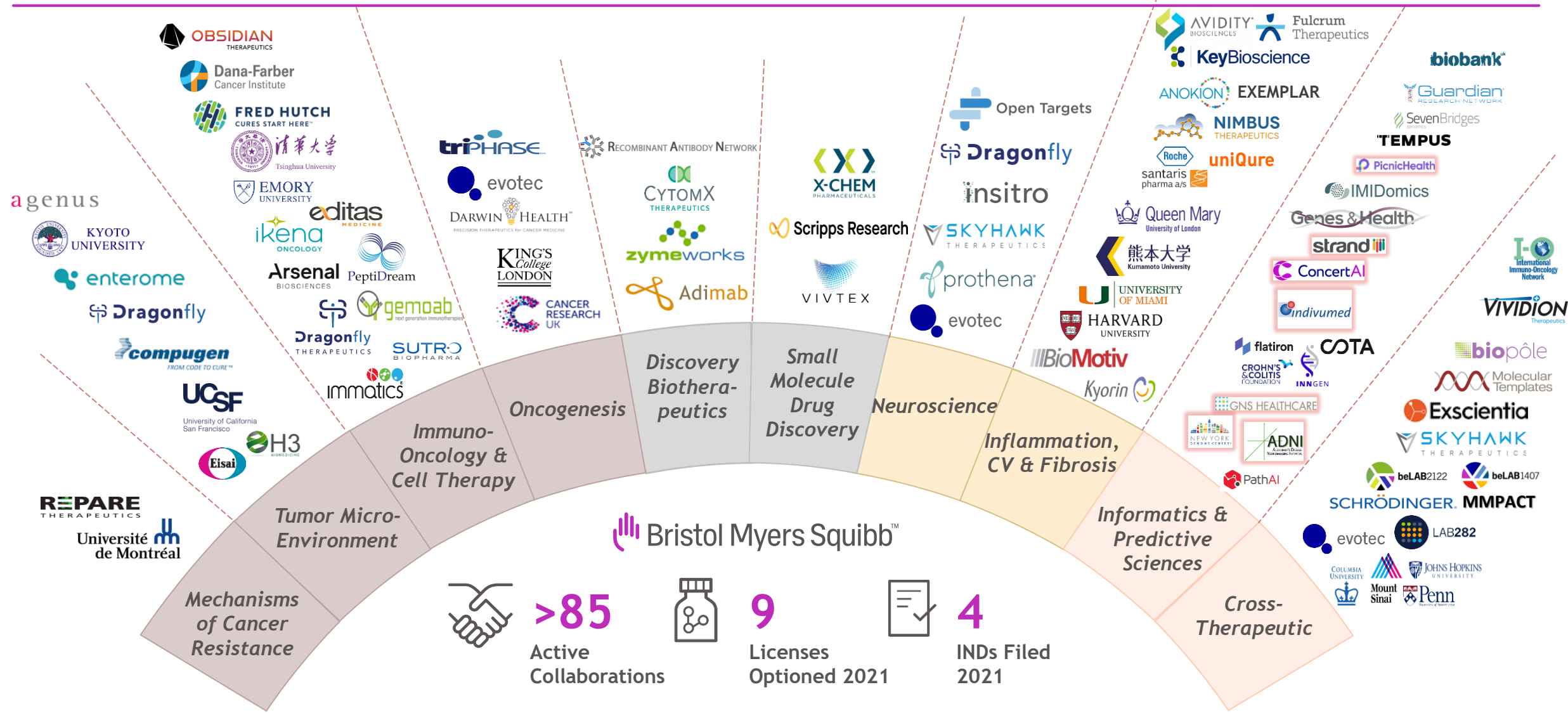
NK Cell Engagers



Current Portfolio (public)

Indication	Asset	Disc	Pre-clinical	Ph1
AML	CD33 NKE	▶		
	AML target NKE	▶		
	AML target NKE	▶		
Lymphoma / CLL	BCM target NKE	▶		
	BCMA TCE	▶		
Myeloma	BCMA NKE	▶		
	BCMA TCE (CC-93269)	▶		
Solid Tumor	Solid tumor target TCE	▶		
	ST target NKE	▶		
	ST target NKE	▶		
Inflammation/ neuroscience	NS target NKE	▶		

Internal R&ED Strengths are Amplified through Active External Partnerships



Rapidly Advancing Neuroscience Pipeline Built through External Partner Network



Protein Homeostasis



Protein Clearance



RNA Splicing



Multiple Sclerosis
Neuroinflammation



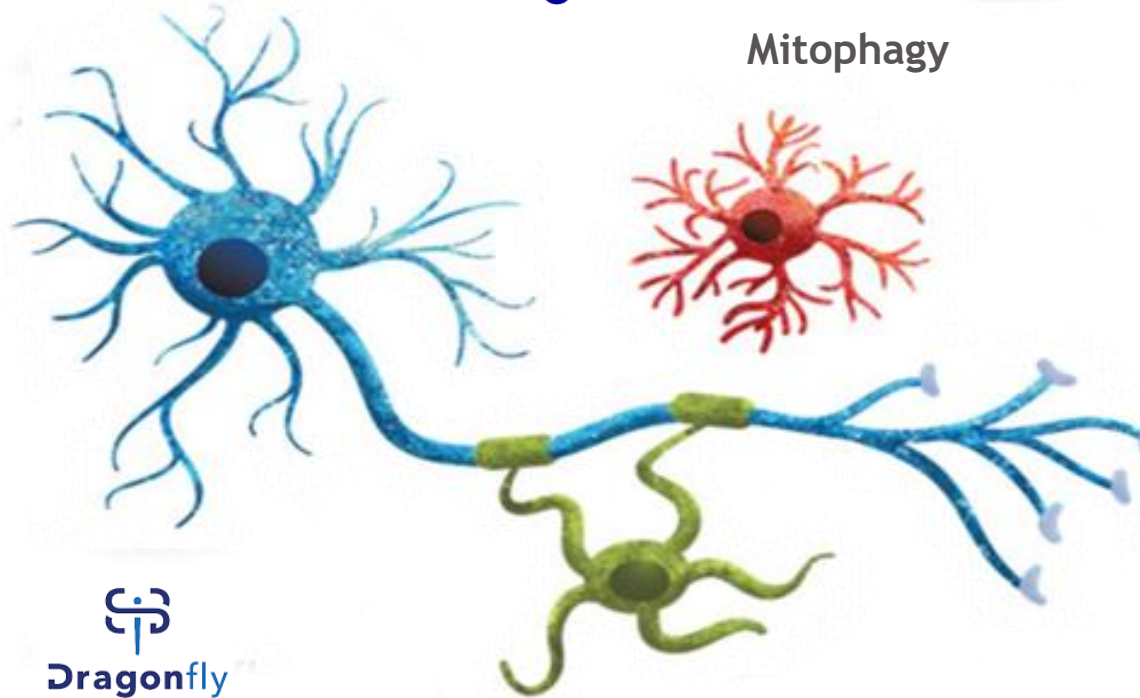
evotec

FORMA
THERAPEUTICS®



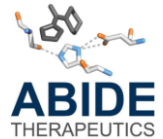
UNIVERSITY OF
OXFORD

Mitophagy



Neuroinflammation

Zeposia approved US and EU 2020



CC-97489

Endocannabinoid enhancer
IND 2020: FIH June 2020



Dragonfly
THERAPEUTICS

insitro

Machine learning



Remyelination and Repair

By end of 2023, five assets will have completed Phase 1 and two assets will have Phase 1 ongoing

Increasing Optionality for Additional Platforms and Technologies via Strategic Equity Investments

Opportunities for Visibility and Guidance

- Potential 1st mover advantage for early data access and partnership opportunities
- Board observer seats provide opportunities to provide guidance on research and development

Equity Portfolio Focus

	Direct Equity	LP Venture Capital	Actively Managed Incubators
Description	<ul style="list-style-type: none"> • Direct relationships with innovative companies seen as too early stage or inaccessible for broader partnership • ~ 75 investments 	<ul style="list-style-type: none"> • Deliberately constructed VC portfolio to provide access to innovation across geographies, company stages, TAs and sectors 	<ul style="list-style-type: none"> • Partnerships between incubators and BMS support innovation arising from academic centers across multiple geographies
Examples	<ul style="list-style-type: none"> • Pure direct equity: Orna, Aktis • Equity structured with partnership: Arsenal Bio 	<ul style="list-style-type: none"> • Company creation: Avalon Bioventures • Dedicated focus: Droia Genetic Medicines Fund 	<ul style="list-style-type: none"> • Geographic diversity: LAB2030 • Incubator to Accelerator: Dark Blue Therapeutics

~\$5B total equity investments

Integrating AI & Machine Learning into Drug Discovery and Development to Enable Better Decisions and Faster Execution

Discovery through Proof-of-concept



Phenotypic Screening

Novel targets | CELMoD®
MoA



Compound Optimization

Reduced cycle times | Computer assisted design



Biomarker Discovery

Multi-omics analysis | Digital pathology | Imaging



Registrational Program Execution



Hypothesis Validation

Large internal datasets | Signal detection | Patient selection



Protocol Design

Competitive positioning | Virtual trial augmentation | Novel endpoints

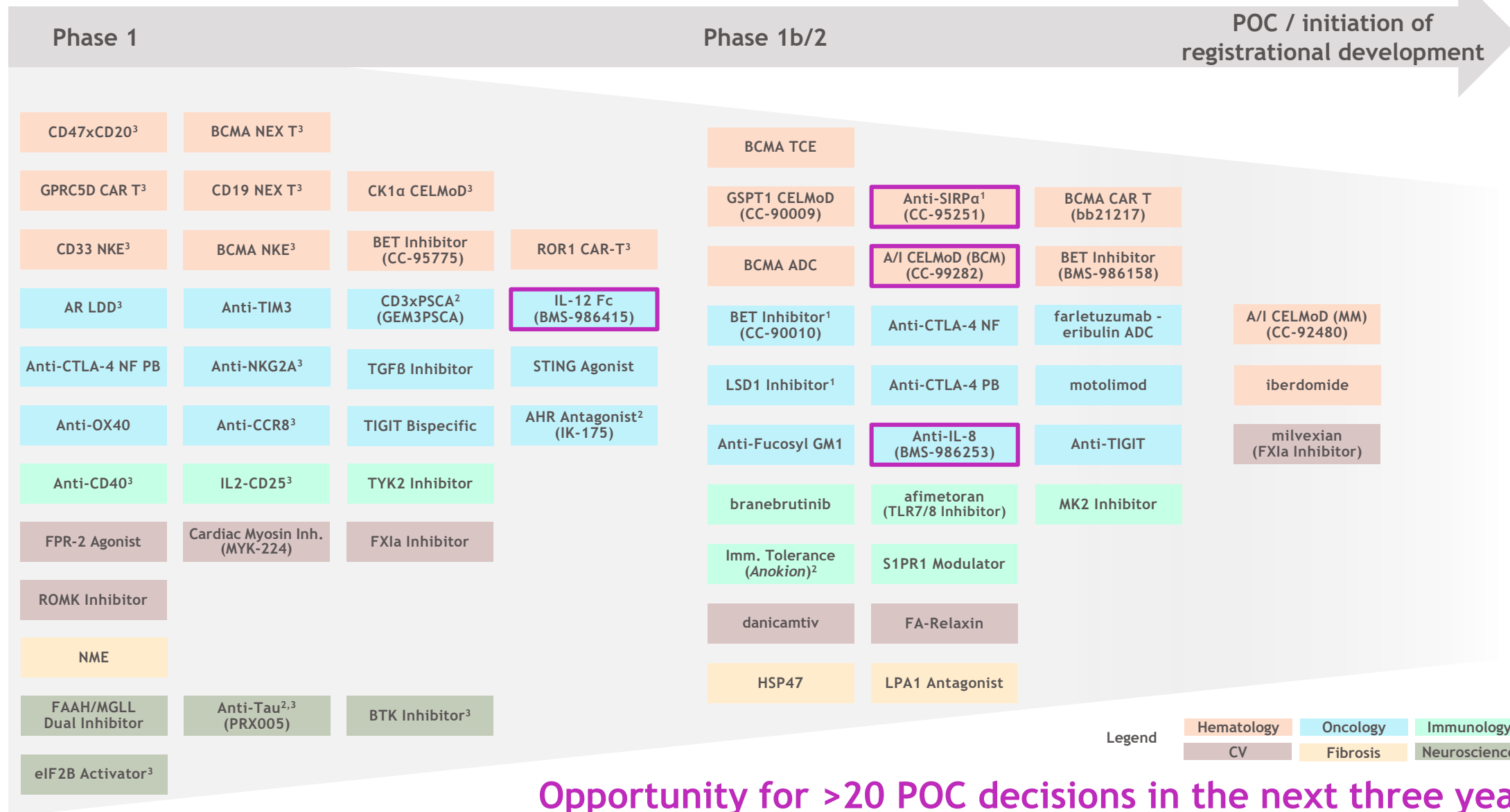


Trial Execution

Patient data collection | Improved Site/Investigator Communication

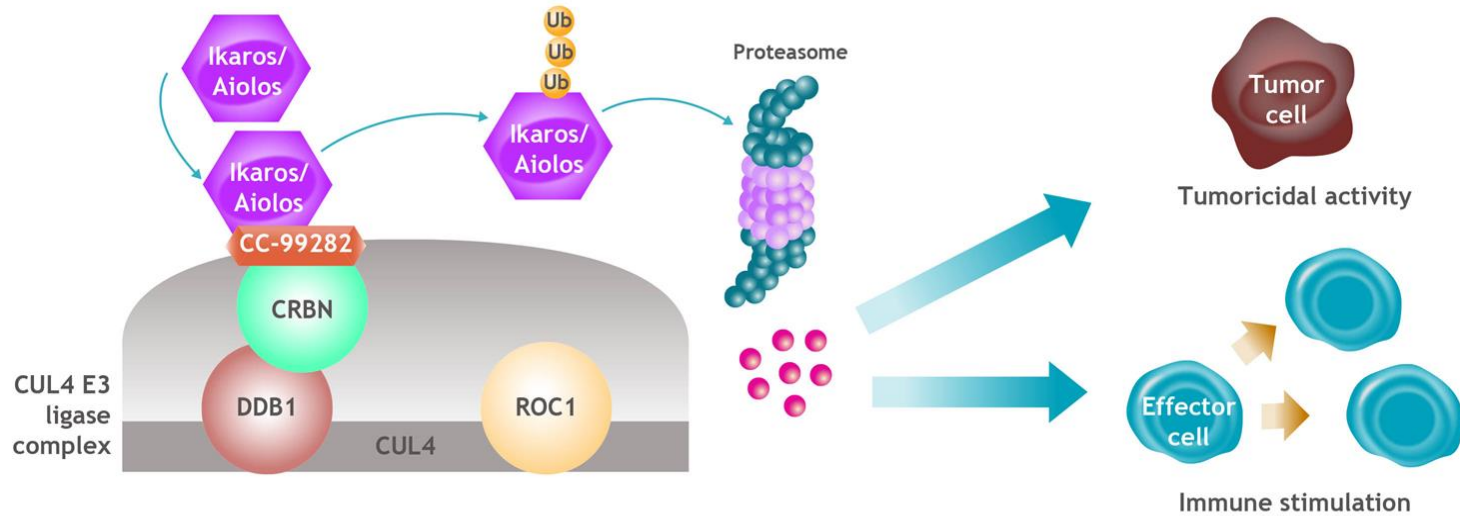


Phase 1 / Phase 2 Pipeline



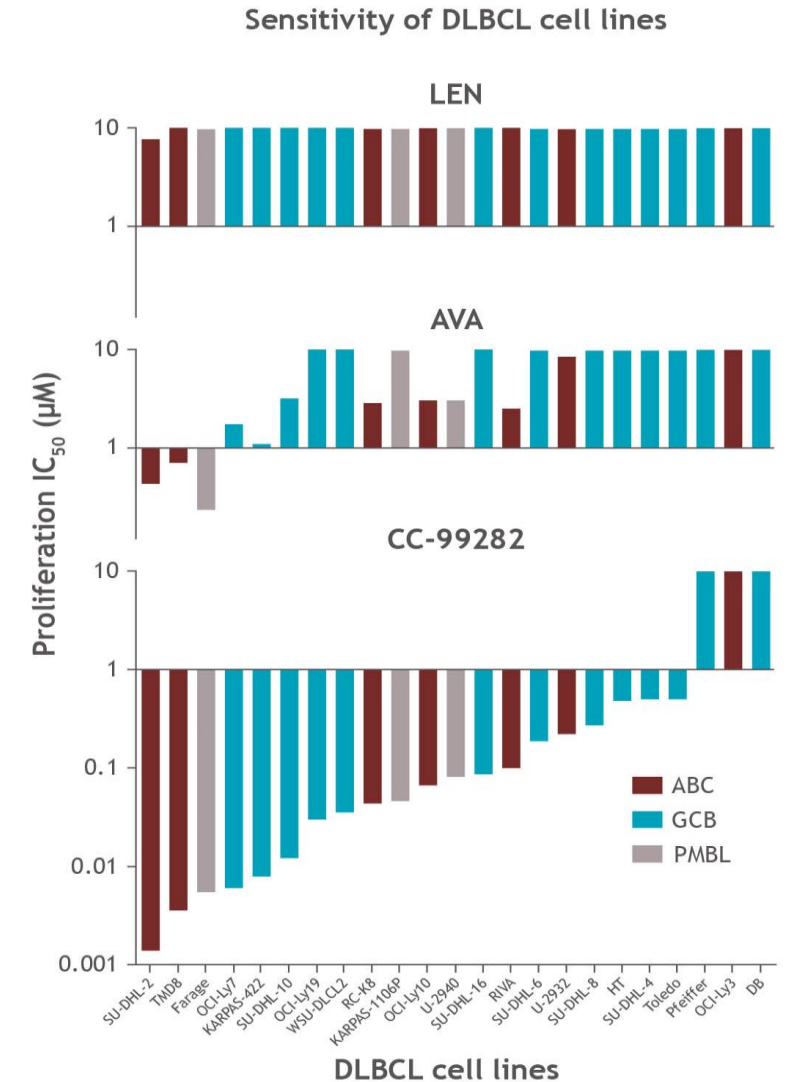
Opportunity for >20 POC decisions in the next three years

CC-99282, a novel CELMoD Ikaros/Aiolos degrader optimized for NHL



CRBN, cereblon; CUL4, cullin 4; DDB1, DNA damage-binding protein 1; ROC1, regulator of cullins-1; Ub, ubiquitin.

- CC-99282 designed for rapid and maximal substrate degradation profile
- Demonstrates broad and potent cell autonomous activity (cell death) in DLBCL cell lines
- Significant in vivo activity in both ABC and GCB DLBCL xenografts, with regression and tumor free mice on either QD or intermittent schedules
- Distribution profile that favors target tissues (lymphoid organs)



CC-99282-NHL-001^a: study design and objective

Key eligibility criteria (Part A)

- R/R DLBCL or FL
 - ≥ 2 prior regimens including CELMoD agent or CAR T cell therapy
- OR
- R/R DLBCL
 - ≥ 1 prior regimen and ineligible for transplant

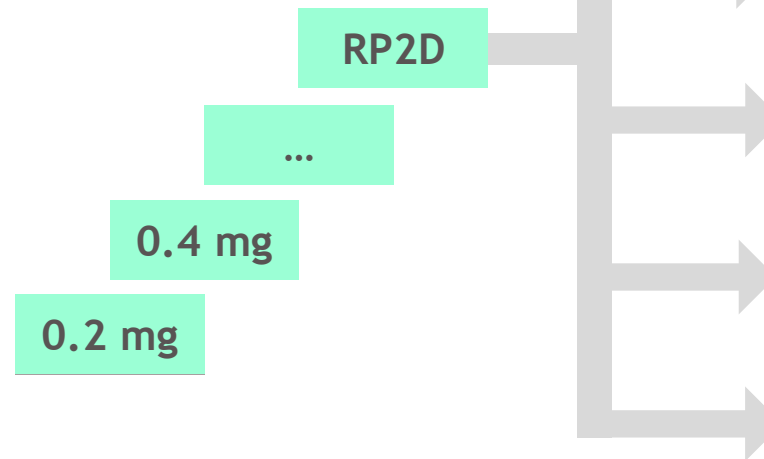
Study endpoints

- **Primary:** safety, tolerability, MTD, RP2D
- **Secondary:** PK, preliminary efficacy of CC-99282 monotherapy

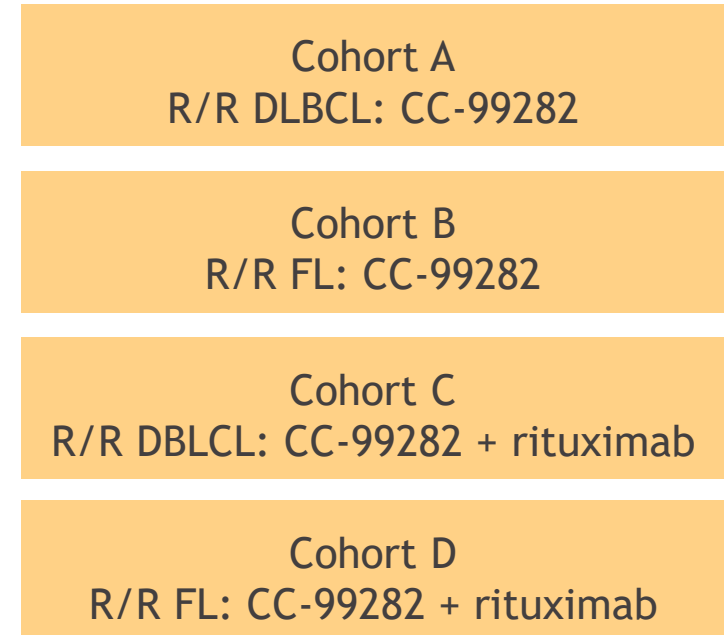
Part A: dose escalation

3 distinct intermittent dosing schedules:

- ≥ 3 patients per dosing cohort



Part B: dose expansion



Objective:

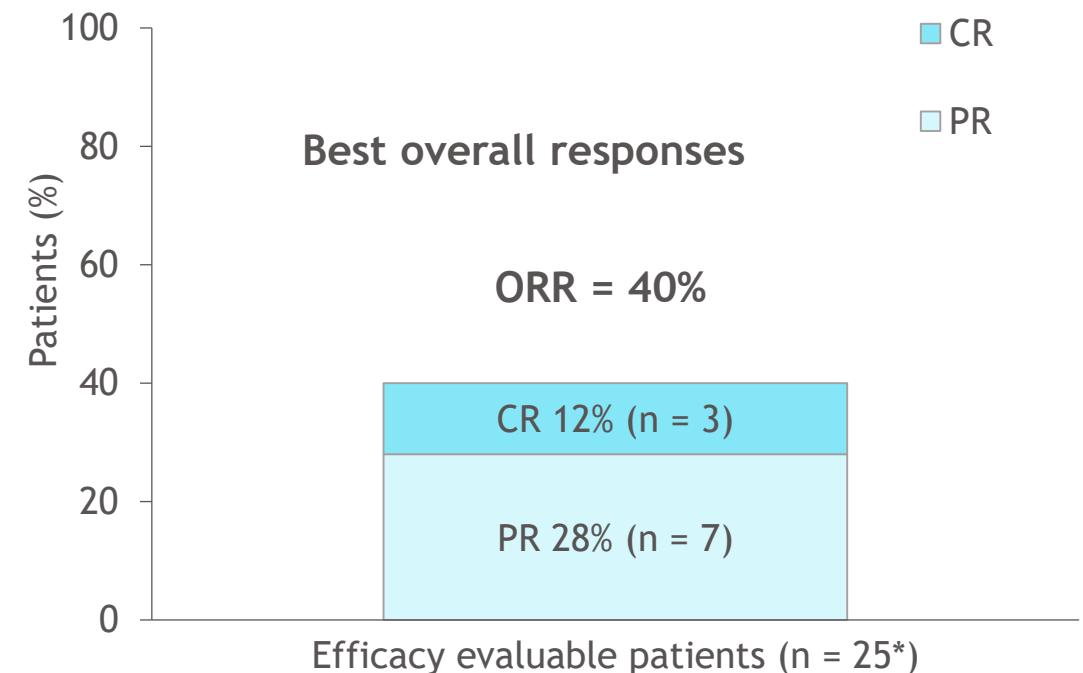
To **evaluate** safety and preliminary efficacy of CC-99282 in R/R DLBCL and FL

CC-99282: Encouraging Early Profile in NHL

Patient baseline characteristic	Overall (n = 35)
Age, median (range), years	66.0 (35-81)
DLBCL, n (%)	30 (85.7)
FL, n (%)	5 (14.3)
No. of prior anticancer tx, median (range)	3 (1-8)
Failure of last anticancer tx, n (%)	20 (57.1)
Stem cell transplant, n (%)	7 (20.0)
CAR T cell therapy, n (%)	7 (20.0)
Safety	Overall (n = 35)
≥1 Gr3/4 TEAEs related to CC-99282, n (%)	21 (60.0)
Hematologic TEAEs	
Neutropenia	19 (54.3)
Febrile neutropenia	2 (5.7)
Thrombocytopenia	3 (8.6)
Nonhematologic TEAEs	
Diarrhea	1 (2.9)
Fatigue	1 (2.9)

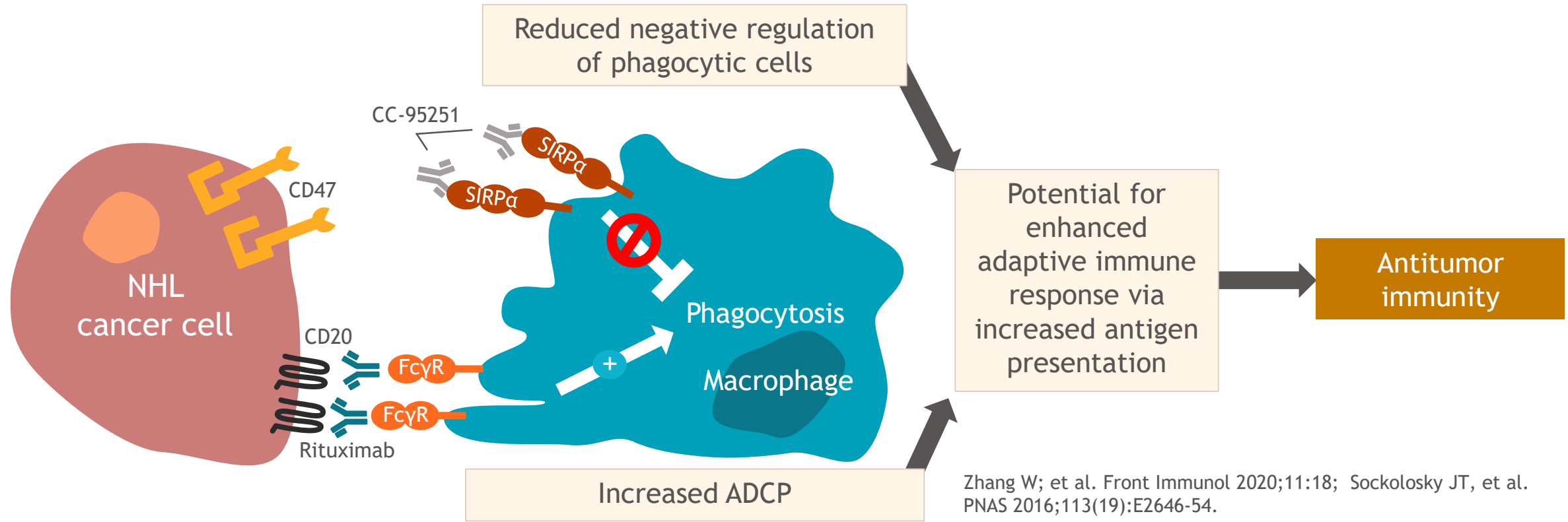
CC-99282 monotherapy showed a predictable and manageable safety profile and demonstrated promising efficacy in heavily pretreated pts with R/R NHL with PK/PD data consistent with robust CC-99282-mediated antitumor activity.

Interim PK/PD analyses showed that increase in plasma CC-99282 and degradation of Ikaros/Aiolos in peripheral T cells occurred in a dose-dependent manner where maximum degradation (> 90%) occurred by day 4 of treatment at doses ≥ 0.4 mg



* Includes patients who received ≥ 0.4 mg on tolerated dosing schedules
CR, complete response; ORR, overall response rate; PR, partial response

CC-95251: A Novel anti-SIRP-alpha Monoclonal Antibody



ADCP, antibody-dependent cellular phagocytosis; FcγR, Fc gamma receptor; NHL, non-Hodgkin lymphoma; SIRPα, signal regulatory protein alpha.

Abstract 2493: Interim results from the first clinical study of CC-95251, an anti-signal regulatory protein alpha (SIRPα) antibody, in combination with rituximab in patients with relapsed and/or refractory non-Hodgkin lymphoma (R/R NHL)

Paolo Strati,¹ Eliza Hawkes,² Nilanjan Ghosh,³ Joseph Tuscano,⁴ Quincy Chu,⁵ Mary Ann Anderson,⁶ Amar Patel,⁷ Michael R. Burgess,⁷ Kristen Hege,⁷ Sapna Chhagan,⁷ Sarandeep Boyanapalli,⁷ Tracey Day,⁷ Frank Shen,⁷ Amitkumar Mehta⁸

¹The University of Texas MD Anderson Cancer Center, Houston, TX, USA; ²Austin Health-Austin Hospital, Heidelberg, VIC, Australia; ³Levine Cancer Institute, Charlotte, NC, USA; ⁴University of California, Davis, Sacramento, CA, USA; ⁵Cross Cancer Institute, Edmonton, AB, Canada; ⁶Peter MacCallum Cancer Centre, Melbourne, VIC, Australia; ⁷Bristol Myers Squibb, Princeton, NJ, USA; ⁸University of Alabama at Birmingham, Birmingham, AL, USA

CC-95251: Phase 1 study design and dose schedule

Key eligibility criteria

Inclusion criteria:

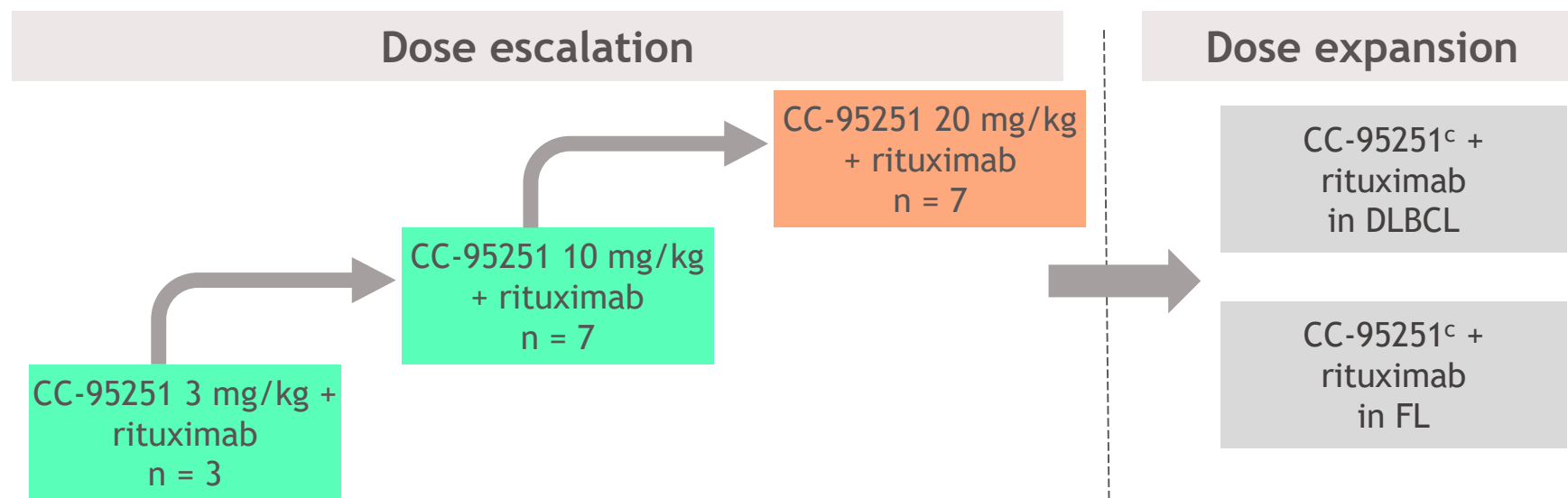
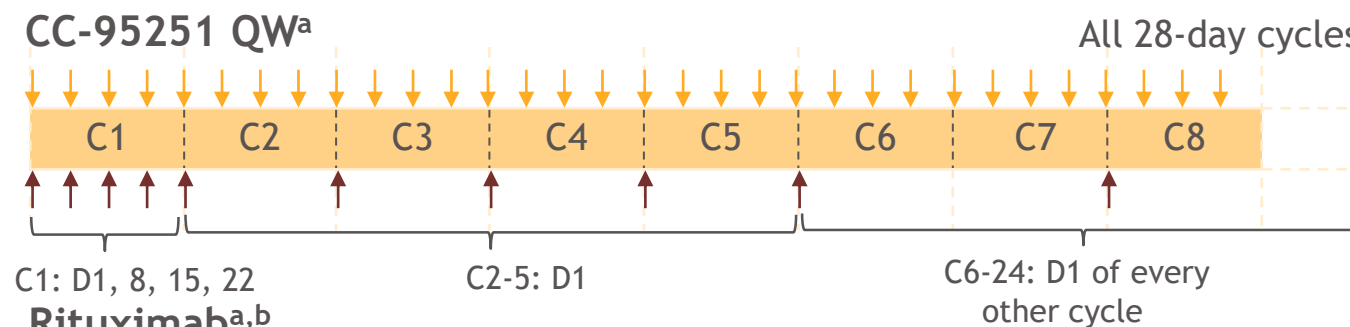
- CD20+ R/R NHL
- ECOG PS 0-1
- Disease progression on standard anticancer therapy or no approved conventional therapy available
- Prior SCT and CAR T cell therapy permitted

Exclusion criteria:

- No prior CD47/SIRPα investigational therapy
- No chronic systemic immunosuppressive therapy

Part A objectives

- To determine MTD/RP2D
- To assess safety



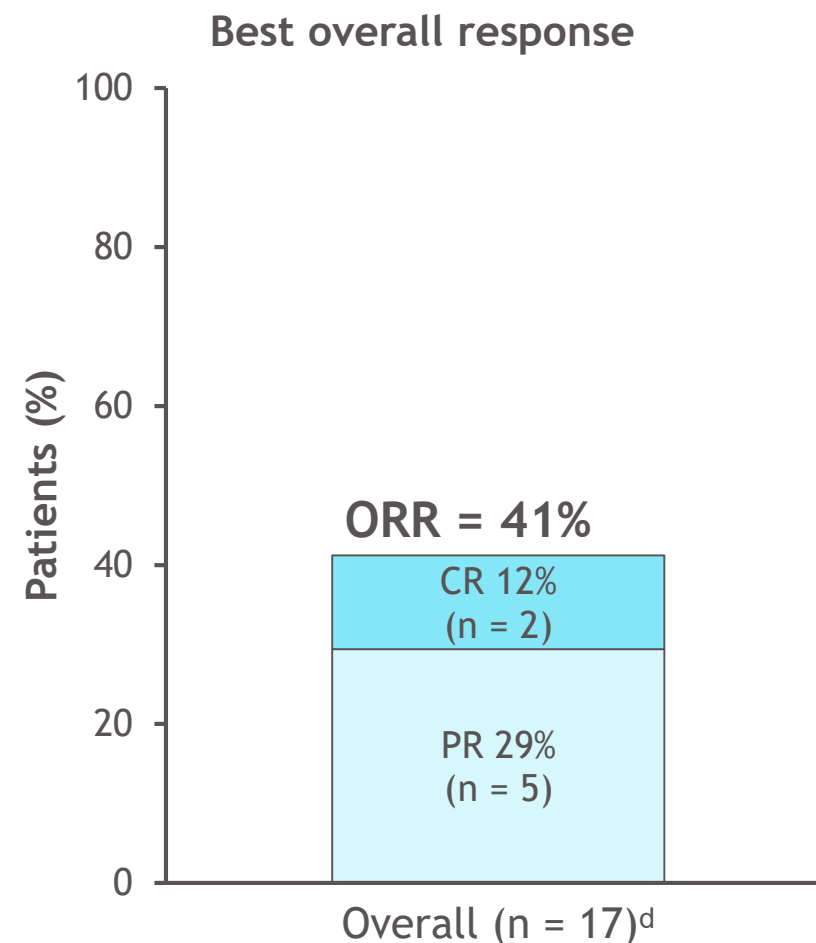
^aAdministered intravenously. ^b375 mg/m²; ^cAdministered at/below the MTD.

Abstract 2493: Interim results from the first clinical study of CC-95251, an anti-signal regulatory protein alpha (SIRPα) antibody, in combination with rituximab in patients with relapsed and/or refractory non-Hodgkin lymphoma (R/R NHL) Paolo Strati, et. al. ASH 2021.

CC-95251: Encouraging Early Profile in NHL

Baseline patient characteristics	All patients (N = 18)
Age, median (range), years	69 (30-84)
Tumor types, n (%)	
DLBCL	14 (78)
FL	2 (11)
MCL	1 (6)
MZL	1 (6)
Prior systemic therapies, median (range)	4 (1-7)

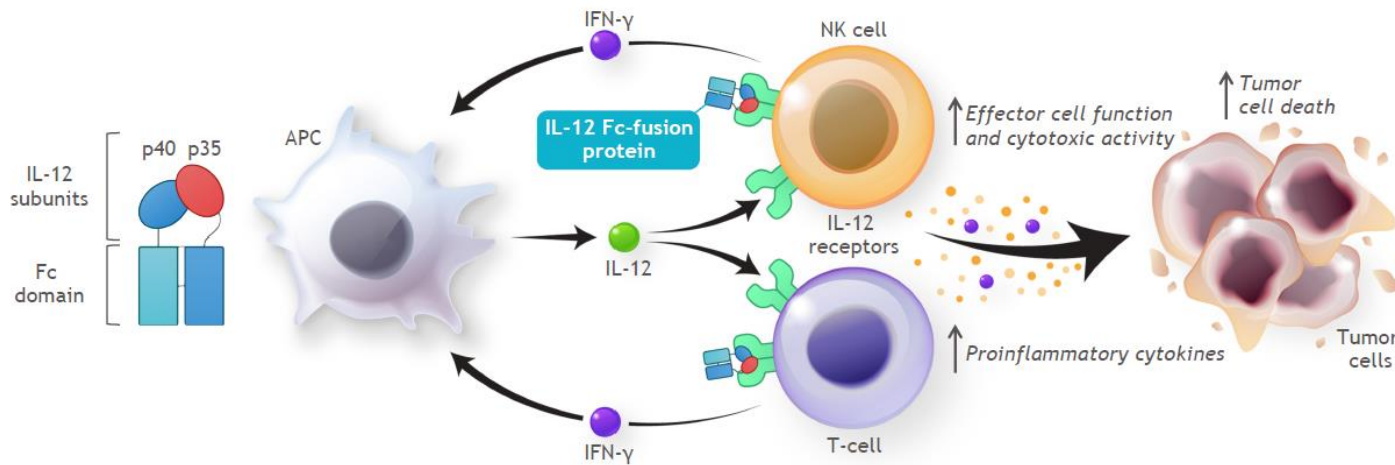
Common TEAEs (> 20 % all grade)	All-cause		Treatment-related ^a	
	Any grade n = 17 ^b	Grade ≥ 3 n = 17 ^b	Any grade n = 17 ^b	Grade ≥ 3 n = 17 ^b
Hematologic TEAEs, n (%)				
Neutropenia	11 (64.7)	9 (52.9)	9 (52.9)	8 (47.1)
Thrombocytopenia	4 (23.5)	1 (5.9)	3 (17.6)	0
Non-hematologic TEAEs, n (%)				
Infection	9 (52.9)	4 (23.5) ^c	3 (17.6)	1 (5.9)
Hypokalemia	6 (35.3)	0	0	0
Hypomagnesemia	6 (35.3)	0	1 (5.9)	0
Fatigue	5 (29.4)	0	3 (17.6)	0
Headache	5 (29.4)	0	2 (11.8)	0
Infusion-related reaction	5 (29.4)	0	2 (11.8)	0
Nausea	5 (29.4)	0	1 (5.9)	0
AST elevation	4 (23.5)	0	4 (23.5)	0
Hypophosphatemia	4 (23.5)	0	1 (5.9)	0
Increased creatinine	4 (23.5)	0	0	0



Strati P, et al. Interim results from the first clinical study of CC-95251, an anti-signal regulatory protein alpha (SIRPα) antibody, in combination with rituximab in patients with relapsed and/or refractory non-Hodgkin lymphoma (R/R NHL); To be presented at ASH 2021. Abstract 2493.

BMS-986415: Novel IL-12 Fc Linking Innate and Adaptive Immunity in the Tumor Microenvironment

BMS-986415 (IL-12 Fc) - Phase IA



August 2020: Exclusive Global License for Dragonfly's IL-12 Investigational Immunotherapy

Interleukin-12 (IL-12)

- Pleiotropic effects on innate and adaptive immune cells within the TME
- Striking antitumor activity in a variety of preclinical models (monotherapy and in combination)

Therapeutic Challenge

- Narrow therapeutic index with systemically delivered IL-12

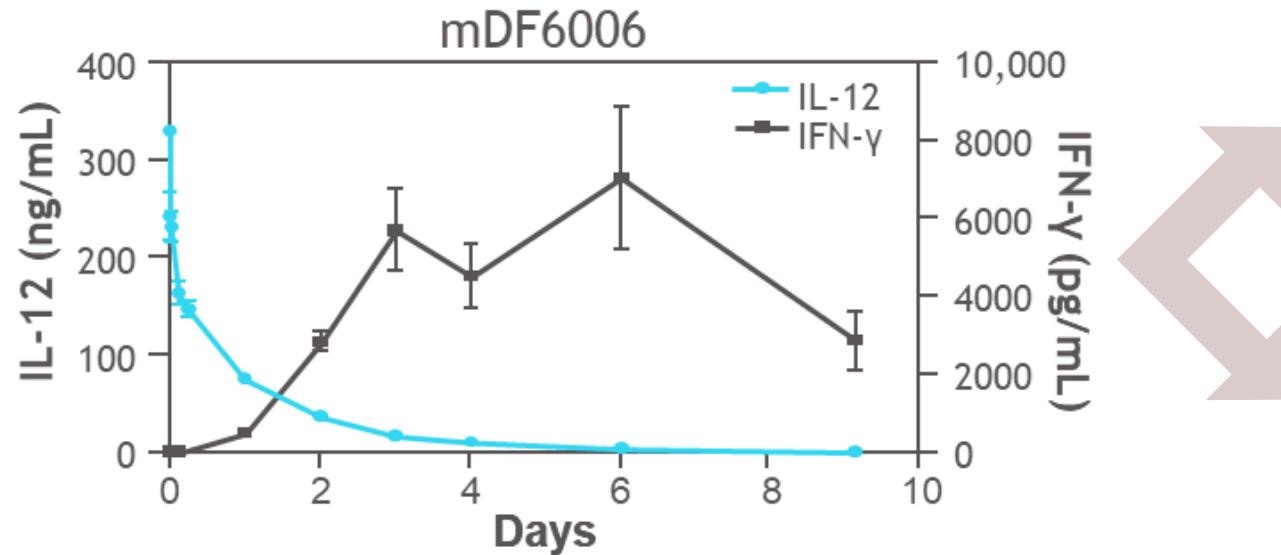
Solution: BMS-986415

- Monovalent IL-12 Fc fusion protein
- Extended half-life prolonged IFN γ PD response, broadening therapeutic index
- First-in-class opportunity

Preclinical mouse surrogate molecule shows extended PK prolongs PD and provides single agent efficacy

Preclinical Highlights

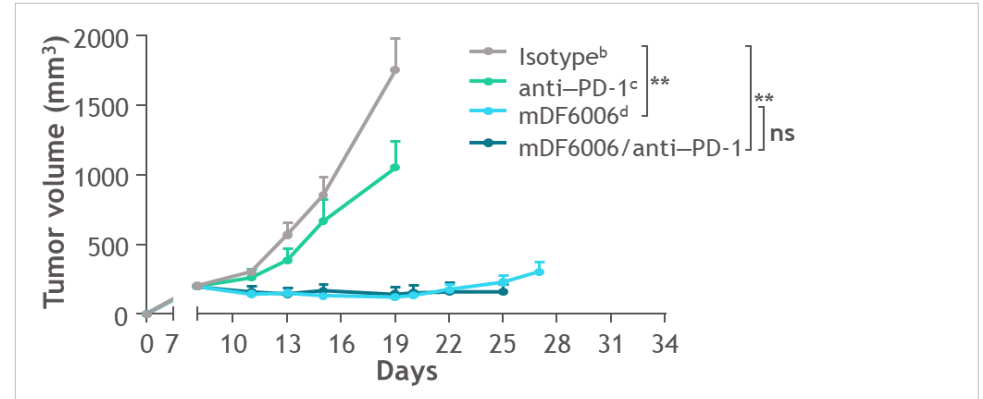
Prolonged and Moderate (Peripheral) IFN γ response
 mDF6006 (1 μ g single dose)



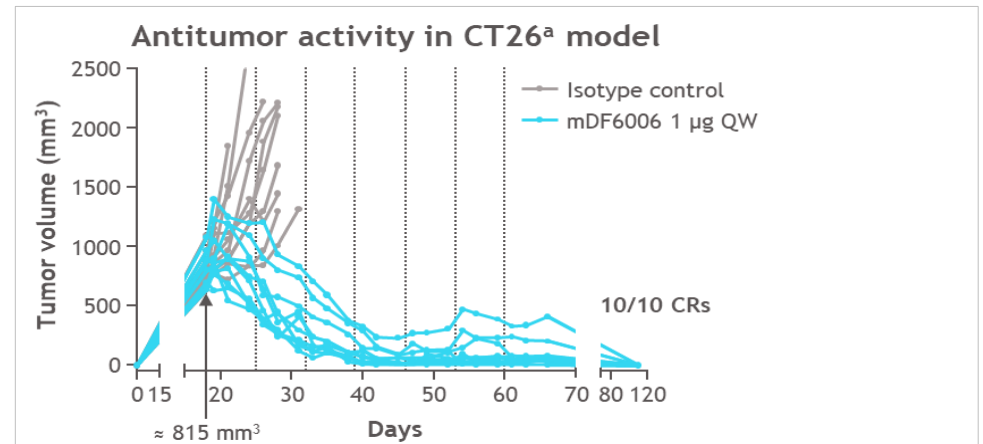
mDF6006 (mouse surrogate of BMS-986415, 1 μ g weekly IP or SQ)
 Tumor volumes are mean values with SEM. * $P = 0.0002$, ** $P < 0.0001$ with 2-way analysis of variance.

^aCT26-20.7 subline expressing Tyrp1 tumor-associated antigen; ^bTwo mice were removed from the isotype group (1 on day 15 and 1 on day 19) due to tumor rupture; ^cOne mouse was removed on day 19 due to tumor rupture; ^dOne mouse was removed on day 27 due to tumor rupture.

CT26: Checkpoint-nonresponsive Model



CT26: Large Tumors



Gutierrez, E. et al. *Cancer Res* July 1 2021 81 (13 Supplement) 1714 Poster presentation at the American Association for Cancer Research Annual Meeting; April 10-15, 2021 and May 17-21, 2021; Philadelphia, PA, USA.

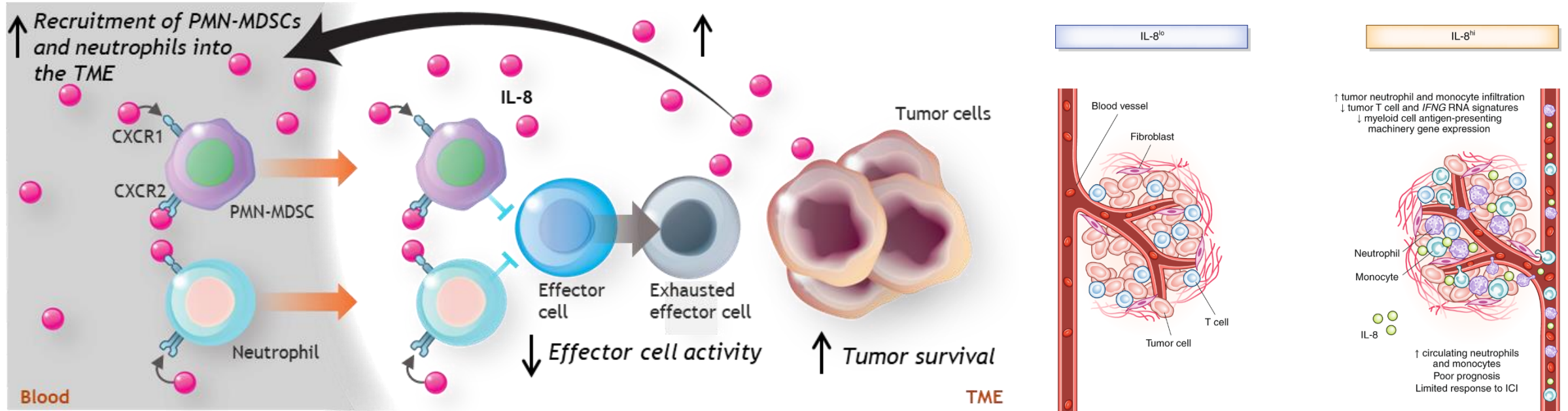
BMS-986415: Study status and updates

Study progress: Dose escalation ongoing, no dose limiting toxicities to date

Mono escalation: Enrolling

Combination escalation with nivolumab: Enrolling

Biological Rationale for Targeting the IL-8 Pathway



Primary Hypothesis (Role of IL-8 in Immunosuppressive Tumor Microenvironment):

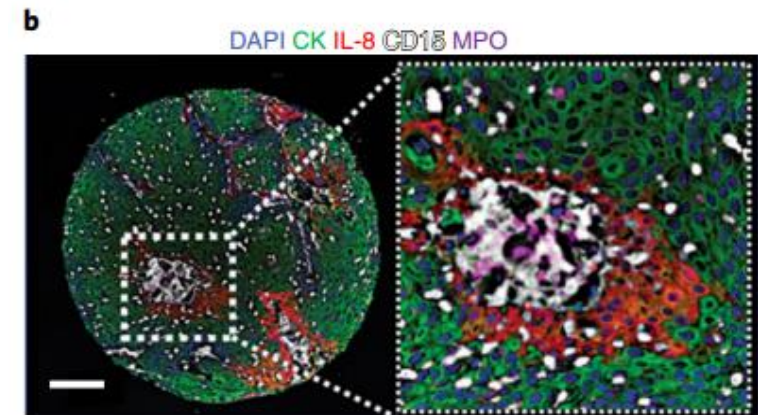
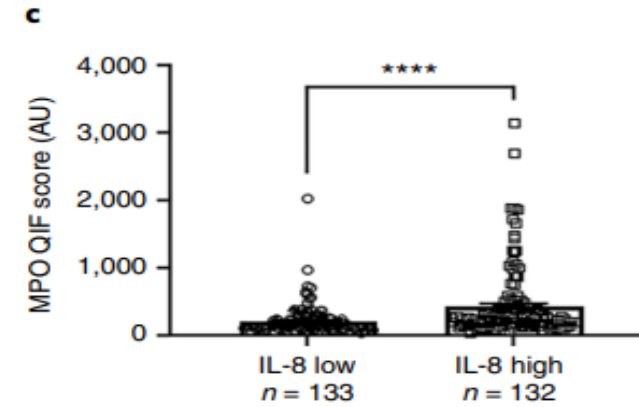
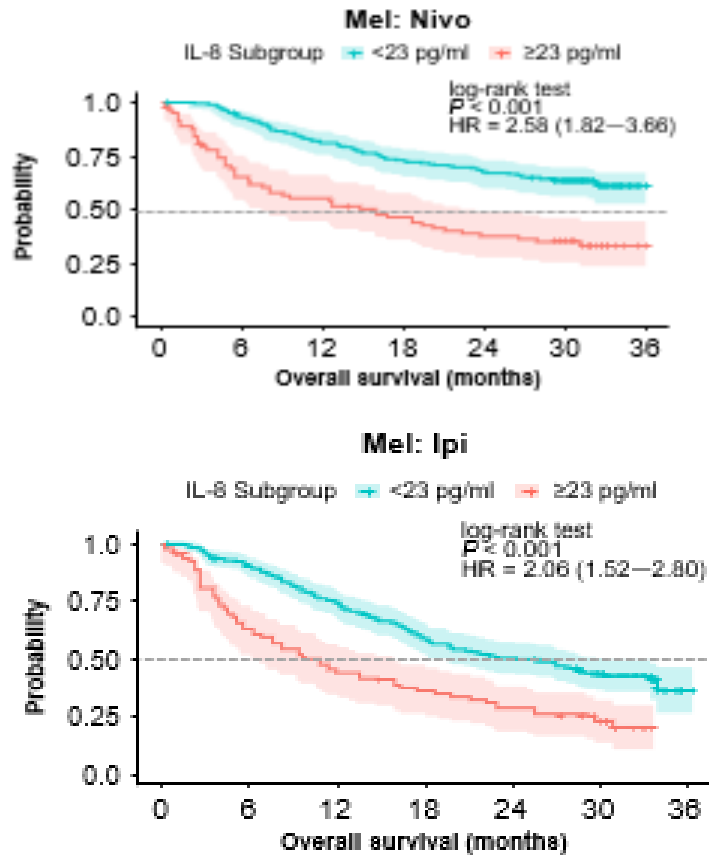
IL-8 blockade will relieve immune suppression induced by PMN-MDSC to enhanced anti-tumor immunity in combination with nivolumab

Bakouny, Z., Choueiri, T.K. IL-8 and cancer prognosis on immunotherapy Nat Med 26, 650-651 (2020).

Role of IL-8 in Mediating I-O Resistance was Validated using Phase 3 Checkpoint Inhibitor Clinical Trials

Reduced OS in CPI Treated Patients with elevated Serum IL-8 (CM-067)

IL-8 promotes the trafficking of immunosuppressive PMN-MDSCs into TME (CM-017, CM-057)

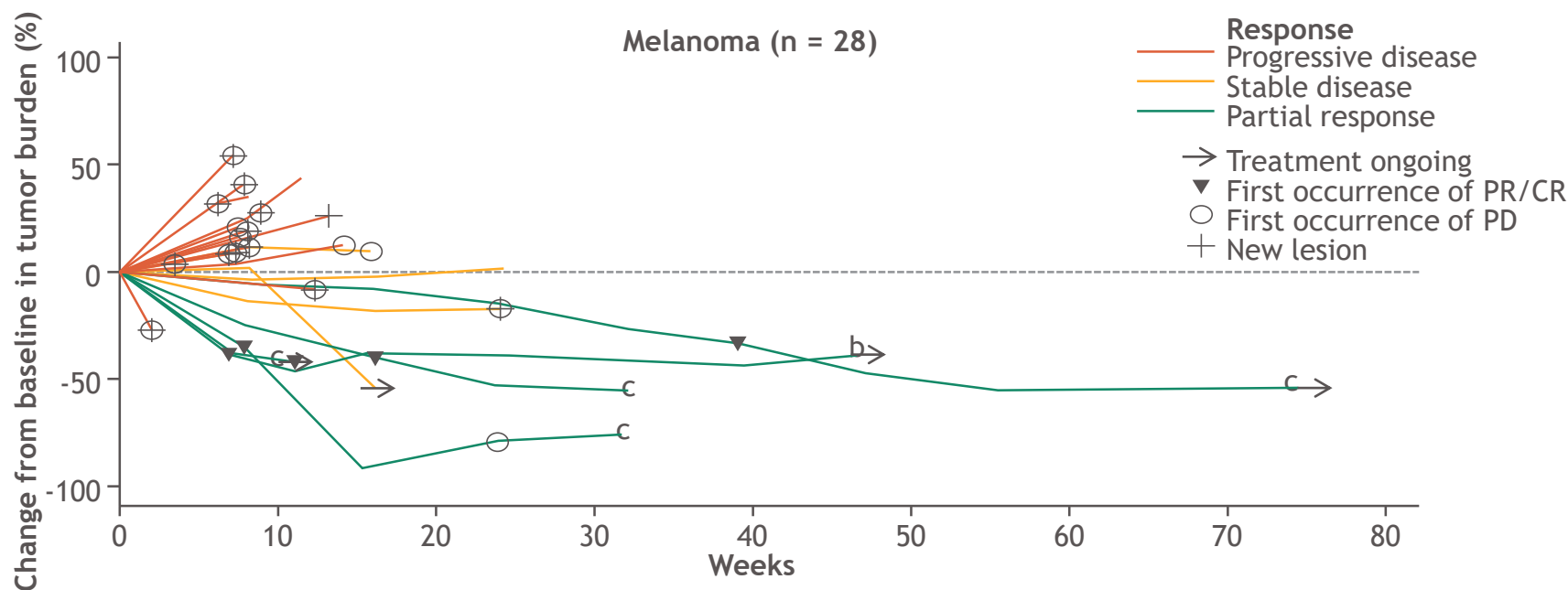


Schalper KA et al. Nat Med 2020;26:688-692

BMS-986253: A Novel Anti-IL-8 Monoclonal Antibody shows Preliminary Clinical Activity with Nivo in Melanoma

Durable stable disease and partial responses were observed in patients with melanoma

- Partial responses were observed in 5 of 28 patients with melanoma; all 5 patients with partial response had received prior anti-PD-(L)1, and 4 of the 5 patients had also been previously treated with anti-CTLA-4



^aPer RECIST v1.1. Response-evaluable patients, defined as all treated patients with measurable disease at baseline and ≥ 1 postbaseline tumor assessment, clinical progression, or death. 27 of 28 evaluable patients with melanoma had received prior anti-PD-(L)1; 23 of the 28 patients also had prior anti-CTLA-4; ^bPrior therapy included anti-PD-(L)1; ^cPrior therapies included anti-PD-(L)1 and anti-CTLA-4.

BMS-986253: Pursuing Formal Proof of Concept in a Randomized Ph2 in Post-PD(L)1-Treated Melanoma Patients

Patient Population:

Unresectable or Metastatic Melanoma, with progression on PD(L)1 inhibitor

- PD(L)1 as most recent prior therapy
- CTLA-4 Naïve

Randomize
All Comers
(1:1)

Stratify by serum
IL-8, BRAF and LDH

Arm A: nivo/ipi/anti-IL-8

Arm B: nivo/ipi

Primary Comparison:

PFS in sIL-8+ patients

Secondary Comparison:

PFS in All-Comers

Other Endpoints:
ORR, OS

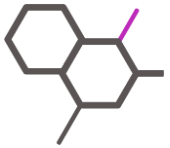
Key Study Design Elements

- ✓ Establish efficacy in refractory melanoma patients following treatment with anti-PD(L)1 inhibitors
- ✓ Robust POC study design that confirms contribution of anti-IL-8 therapy to nivo/ipi combination
- ✓ Validation of patient enrichment strategy by conducting primary analysis in sIL-8 positive
- ✓ Study design that exhibits probability of regulatory and technical success

Innovation Engine provides significant opportunity for pipeline sustainability



Rich and deep pipeline across modalities and therapeutic areas



Industry leading internal discovery platforms across small molecules, complex biologics, protein homeostasis, and cell therapy



Strong complementary external network to source emerging innovation



Pipeline and platform delivering tangible results including within protein homeostasis and biologics

Late-Stage Pipeline Update



Samit Hirawat

Chief Medical Officer,
Global Drug Development

Significant progress advancing the pipeline

Important new data at recent conferences

AHA

milvexian
mavacamten

ASH

Breyanzi
CELMoDs

EADV

deucravacitinib

Furthering development of expansion opportunities

Advancing science
across all key
therapeutic areas

Cardiovascular - Oncology - Hematology - Immunology

Opportunity for sustained leadership in Cardiovascular



Successful history of developing leading CV medicines

Plavix
(clopidogrel bisulfate) 75mg tablets

Eliquis[™]
apixaban



Expand into cardiomyopathies

mavacamten



Opportunity to extend our leadership in anti-thrombotics

milvexian

Substantial unmet need persists in thrombotic diseases

**Bleeding risk
currently limits usage**

Patients with **high bleed risk**
also at higher thromboembolic risk

Concerns today with combining
OACs & dual-antiplatelet therapy

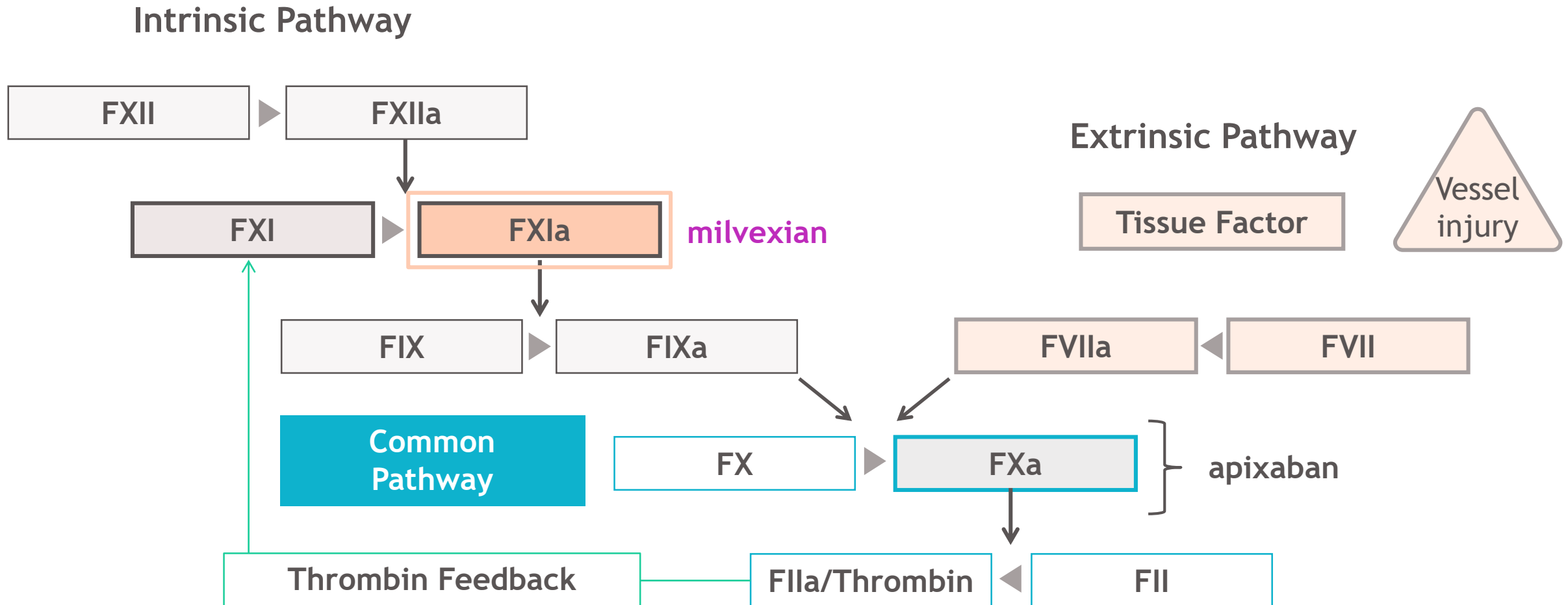
**Opportunity to enhance
benefit/risk**

Room to advance care
beyond substantial advances of FXa

Many patients remain untreated or
undertreated (with respect to
anticoagulation) due to bleeding risk

**Significant opportunity for an agent with comparable or better efficacy
& reduced bleeding risk over Factor Xa inhibitors**

MOA supports opportunity to improve benefit/risk profile with an oral FXIa inhibitor



Milvexian Phase 2 trials will inform optimal dose/regimen for Phase 3 program



Total Knee Replacement (TKR) Study

Milvexian vs enoxaparin in patients undergoing elective total knee replacement surgery (N=1242)

- **Positive trial**
- Full data presented at AHA 2021 & in NEJM*



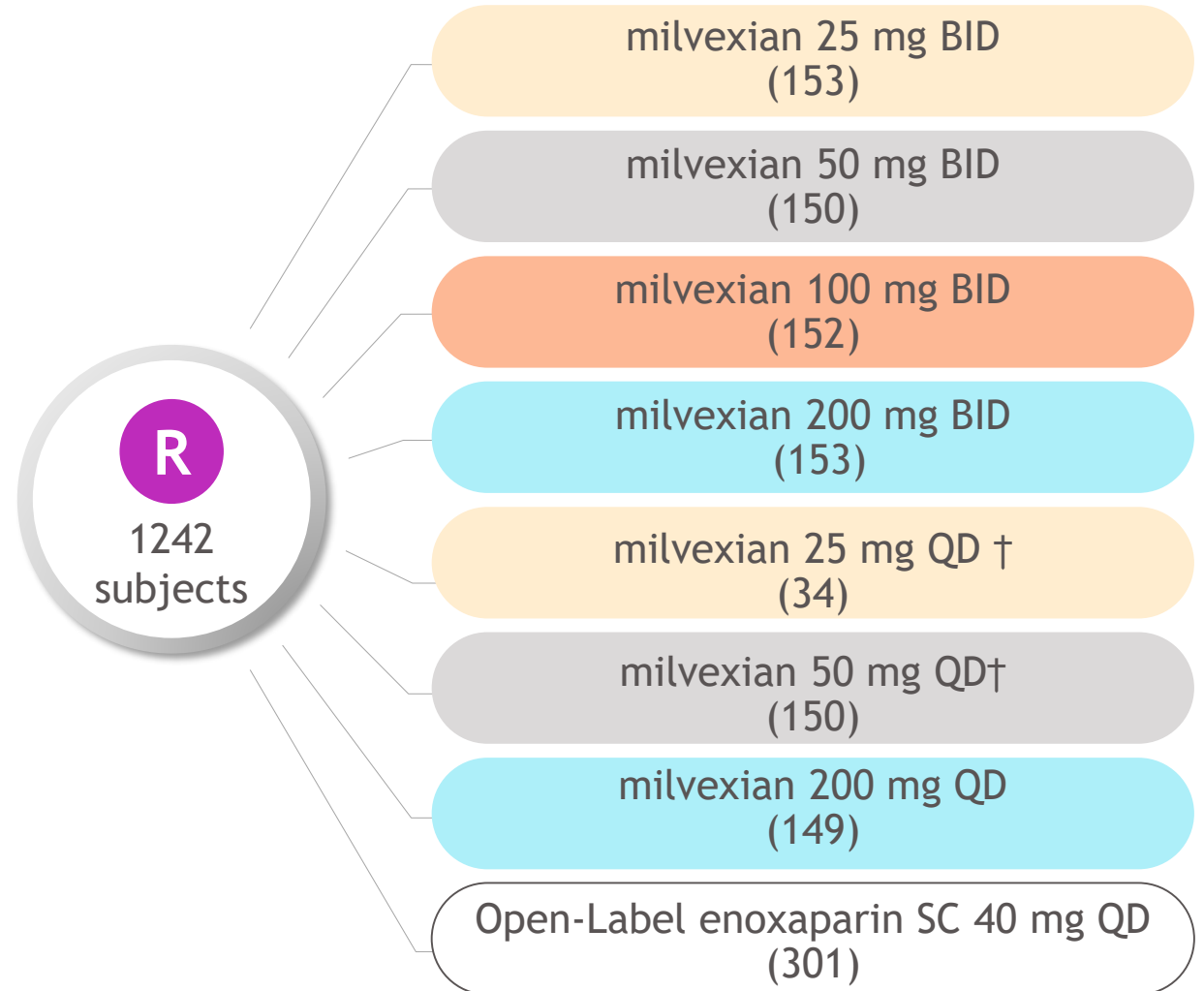
Secondary Stroke Prevention (SSP) Study

Milvexian + clopidogrel + aspirin vs placebo + clopidogrel + aspirin in patients with acute ischemic stroke or transient ischemic attack (N=2350)

- Readout expected **1H 2022**

Milvexian Phase 2 TKR trial design

- Milvexian vs enoxaparin*
- Open-label multicenter, dose-ranging study
 - 25 mg to 400 mg total daily dose
 - 10 to 14 day exposure
- Study objectives:
 - To demonstrate effectiveness in **preventing total VTE events** during treatment period
 - To assess the dose response of milvexian for the occurrence of **bleeding events**



*enoxaparin @ 40-mg daily dose

† Milvexian 25 mg QD stopped by Operations committee, replaced by milvexian 50 mg QD

Profile of milvexian is differentiated from existing anti-thrombotics

Robust efficacy with clear dose-response

Low risk of bleeding

No major bleeds observed in milvexian arms

No dose response in bleeding observed in doses ≥ 50 mg -> distinct from existing anticoagulants

	enoxaparin, mg		milvexian, mg					
	40 mg QD (n=252)	25 mg QD (n=28)	50 mg QD (n = 127)	25 mg BID (n = 129)	50 mg BID (N = 124)	200 mg QD (n=123)	100 mg BID (n=134)	200 mg BID (n=131)
All VTE + all death	21.4	25.0	23.6	20.9	11.3	6.5	9.0	7.6
All Bleeding, %	4.1	0	5.3	1.4	4.7	6.1	4.7	3.4
Major or CRNM Bleeds	1.7	0	1.3	0	1.4	0.7	0.7	0.7
- Major	0.3	0	0	0	0	0	0	0
- CRNM	1.4	0	1.3	0	1.4	0.7	0.7	0.7
- Minor	2.7	0	4.0	1.4	3.4	5.4	4.7	2.7

N*: based on efficacy (ITT) data set

Scientific community recognizes important data for Milvexian, potential next generation anti-thrombotic

The NEW ENGLAND JOURNAL of MEDICINE

ORIGINAL ARTICLE

Milvexian for the Prevention of Venous Thromboembolism

Jeffrey I. Weitz, M.D., John Strony, M.D., Walter Ageno, M.D., David Gailani, M.D., Elaine M. Hylek, M.D., Michael R. Lassen, M.D., Kenneth W. Mahaffey, M.D., Ravi S. Notani, M.B.A., Robin Roberts, M.S., Annelise Segers, M.D., and Gary E. Raskob, Ph.D., for the AXIOMATIC-TKR Investigators*



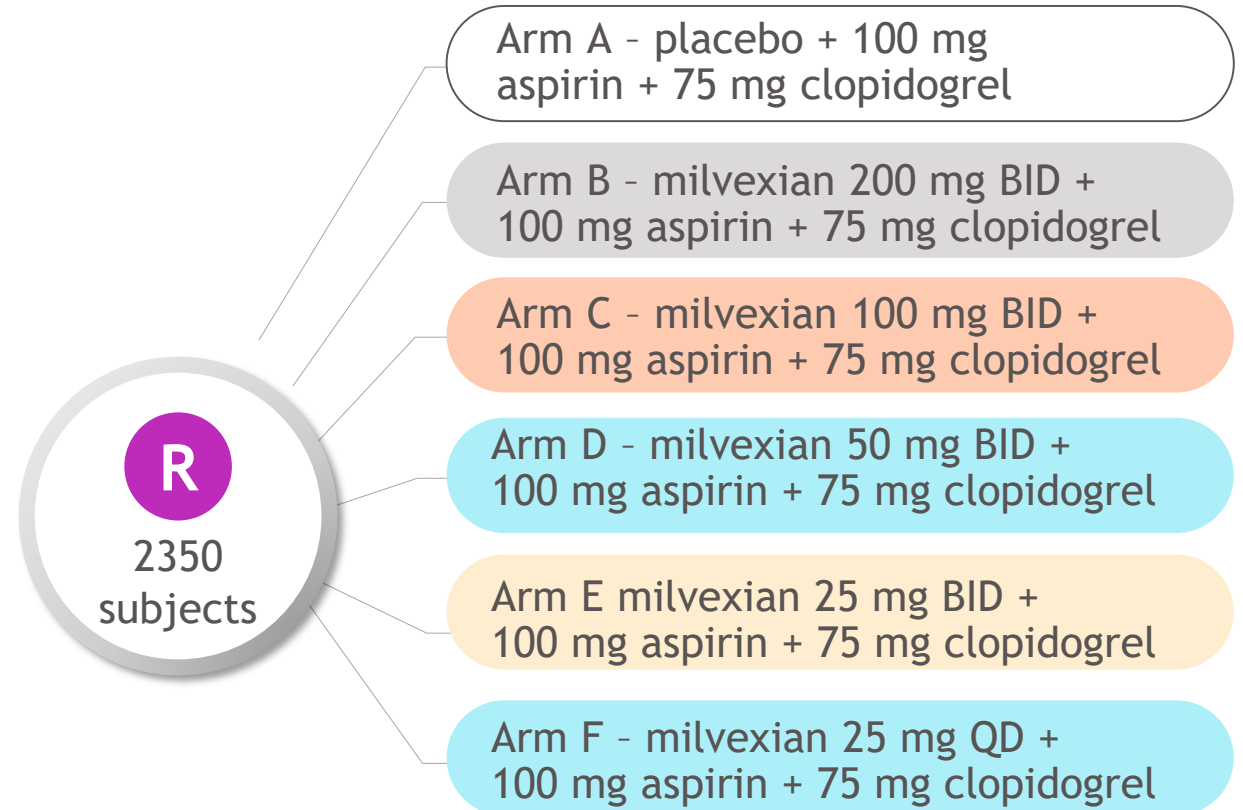
American Heart Association.

Scientific Sessions

Milvexian Phase 2 SSP trial design

Study objectives:

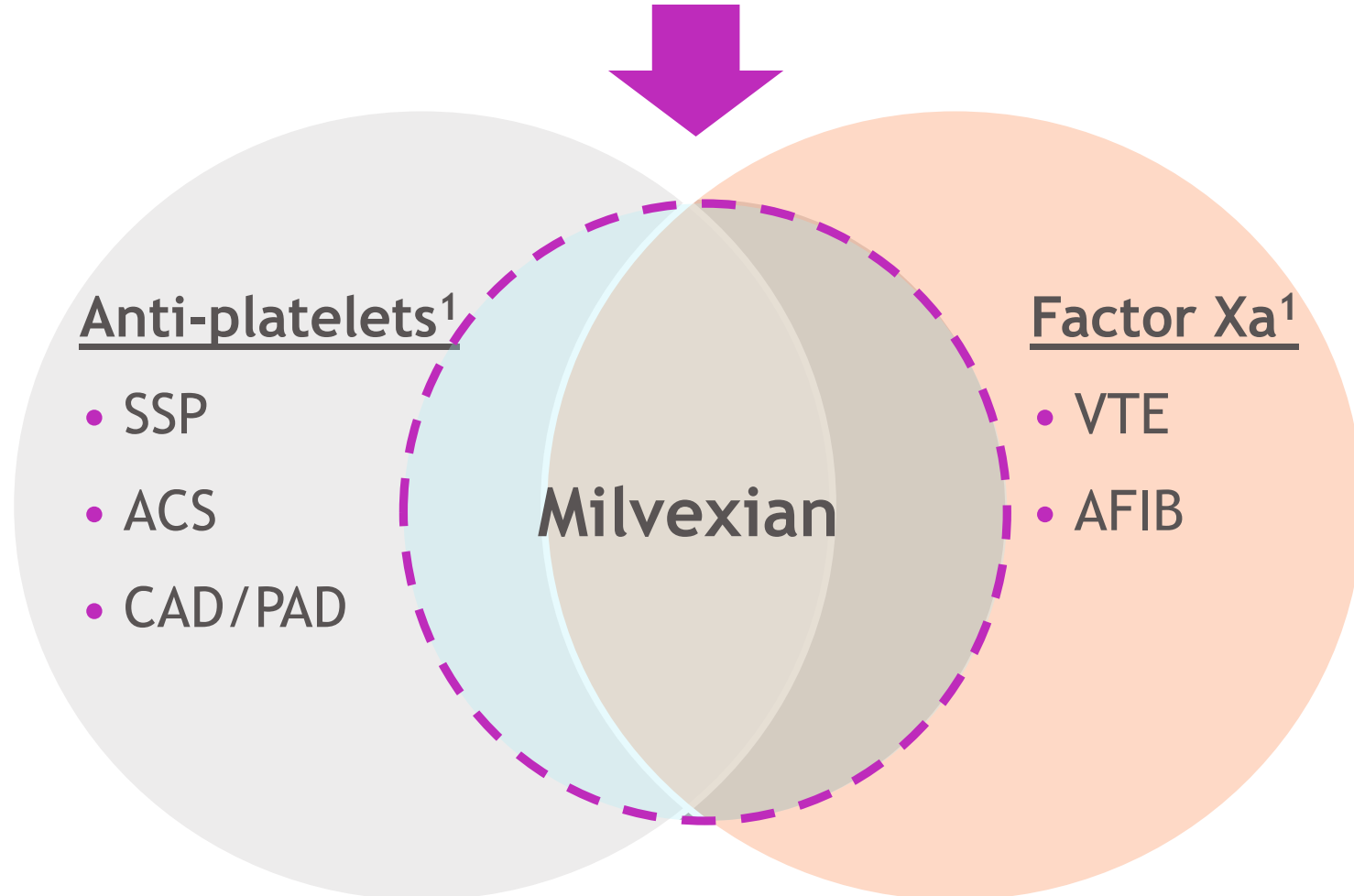
- Provide data on top of dual anti-platelet therapy
- Assess longer exposure – up to 90 day treatment
- Further insight into efficacy and bleeding profile



Topline data expected 1H 2022

Multiple potential opportunities for novel antithrombotic

Potential universe of indications



Optionality for
Ph3 program
pending SSP
Ph2 results

Milvexian: significant opportunity for next generation anti-thrombotic

Opportunity to improve outcomes for patients on existing treatments

- Similar or better efficacy
- Better bleeding profile

TKR Phase 2 data demonstrate differentiated anti-thrombotic profile

- Clear benefit over enoxaparin
- No major bleeds observed; no dose response in bleeding $\geq 50\text{mg BID}$

SSP data expected 1H 2022

- Expected to further define the profile

Registrational program planning in progress

- Ph3 program expected to begin as early as 2H 2022

Significant unmet need for symptomatic HCM

Hypertrophic cardiomyopathy (HCM) disease profile

- Thickening of the heart muscle due to:
 - hypercontractility – impaired relaxation – hypertrophy
- Affects 1 in 500 people; most common genetic heart disease

Symptoms include: palpitation, dizziness, breathlessness, tiredness, chest pain, sudden cardiac arrest

Typical age of diagnosis in the ~40s-50s

Subset of patients have severe symptoms

Diagnosed by echocardiogram

- Current therapeutic options limited to symptom-treating generic drugs (e.g., beta-blockers)



Normal Heart



Hypertrophic Heart

- LVOT¹ obstruction
- Decreased left ventricular volume
- Thickened heart muscle and septum

Currently no approved medicines that address underlying disease

1. LVOT = Left ventricular outflow tract

Source: Olivotto. Lancet. 2020; Maron. NEJM. 2018; Marian. Circ Res. 2017; Maron. J Am Coll Cardiol. 2016; Veselka. Lancet. 2016; Maron. J Am Coll Cardiol. 2015; Ahmad. Annu Rev Genomic Hum Genet. 2005; Maron. JAMA. 1999; Maron. Circulation. 1995.

Mavacamten: a potential first-in-class medicine that addresses underlying disease in oHCM

ESC 2020: Positive Ph3 results from EXPLORER-HCM

- Marked improvements in cardiac function & symptoms: 65% pts improved by ≥ 1 NYHA class (vs 31% with placebo)
- Clinically meaningful reduction in LVOT gradients; sustained reduction in key cardiac biomarkers
- Positive impact on health status
- Well tolerated safety profile

PDUFA:

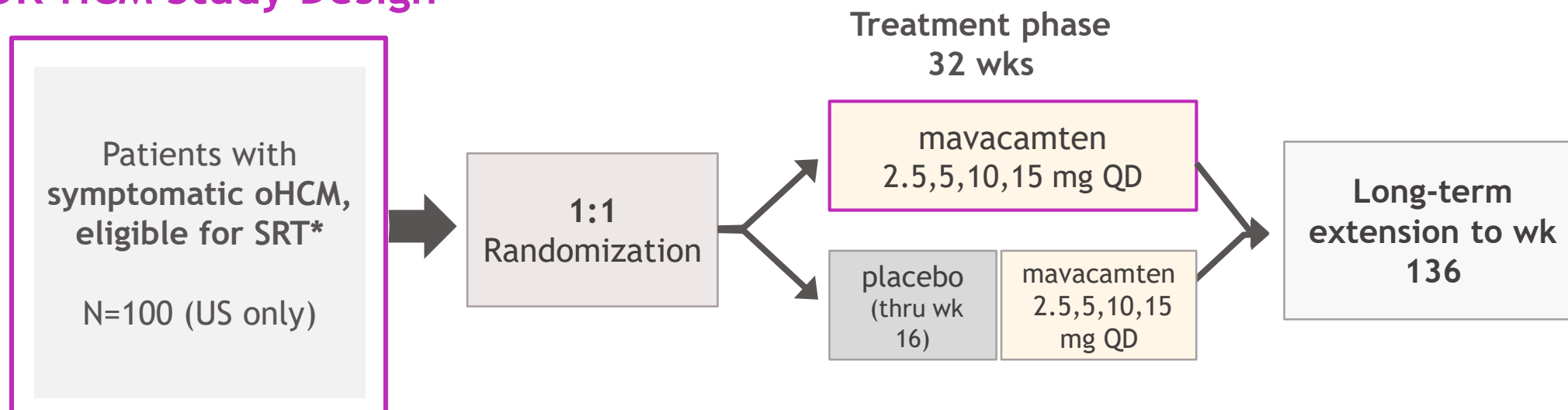
**Jan 28,
2022**

ACC 2021: Long-term data from the EXPLORER cohort of MAVA-LTE show durability of improvement & confirm safety profile

NYHA = New York Heart Association

Expanding the oHCM label with VALOR-HCM

VALOR-HCM Study Design



- Potentially registrational trial
- Demonstrate mavacamten's potential in high-risk patients and prevent the need/eligibility for highly invasive SRT
- Data expected in 2022

Primary Endpoint

Composite of

- decision to proceed with SRT prior to or at wk 16+
- SRT guideline eligible at wk 16, but declined

* Septal reduction therapy

Data from MAVERICK, & MAVERICK cohort of MAVA-LTE support Ph3 initiation in nHCM in 2022

ACC 2020:

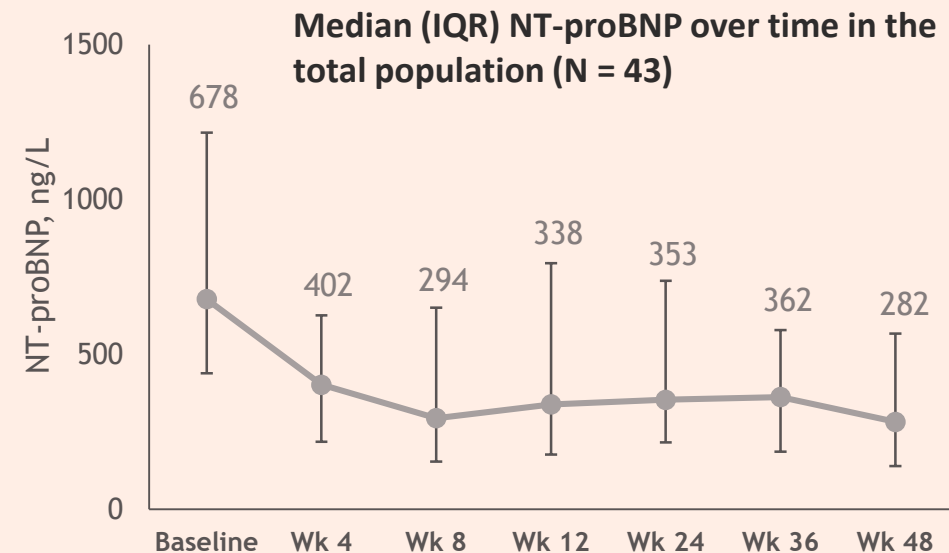
Positive Ph2 results from MAVERICK-HCM

- Improvement in myocardial wall stress, as measured by NT-proBNP cardiac biomarker
- Well tolerated safety profile

AHA 2021 (abstract #9685)

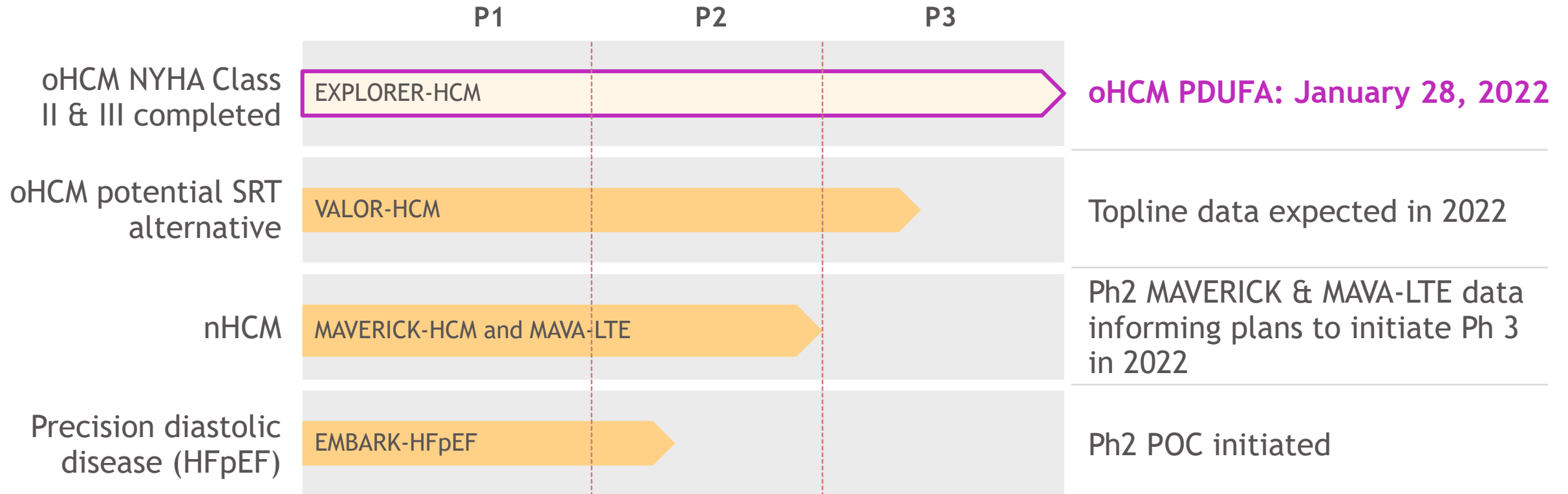
Long term data demonstrate:

- Sustained NT-proBNP reduction
- Improvement in cardiac fill & function, as measured by E/e' & LAVI
- No new safety signals

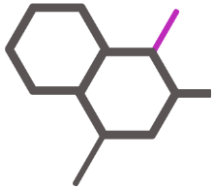


Mavacamten indications and pipeline opportunities

Mavacamten has potential to make a significant impact in the CV space, starting with oHCM



Opportunity to advance leadership in Hematology



Leverage leading expertise in hematology

Revlimid[®]

Pomalyst[®]
(pomalidomide) capsules
1 · 2 · 3 · 4 mg



Expand key new medicines

Reblozyl[™]
(luspatercept-aamt)
for injection 25mg • 75mg

Breyanzi[®]

ONUREG[™]
(azacitidine) tablets
300mg • 200mg

Abecma[®]
(idecabtagene vicleucel) SUSPENSION
FOR IV INFUSION



Advance broad early pipeline

Upcoming ASH data support important progress advancing hematology pipeline



1st cell therapy to demonstrate benefit over SOC

2L LBCL data (TRANSFORM) (presentation #91)

Iberdomide

Iber+dex in 4L+ MM patients (presentation #162)

Profile supports advancing therapy in earlier lines

CC-92480

CC-92480+bort+dex in 4L+ MM patients (presentation #2731)

Differentiated potency supported by encouraging clinical combination data

Encouraging new data on early pipeline assets

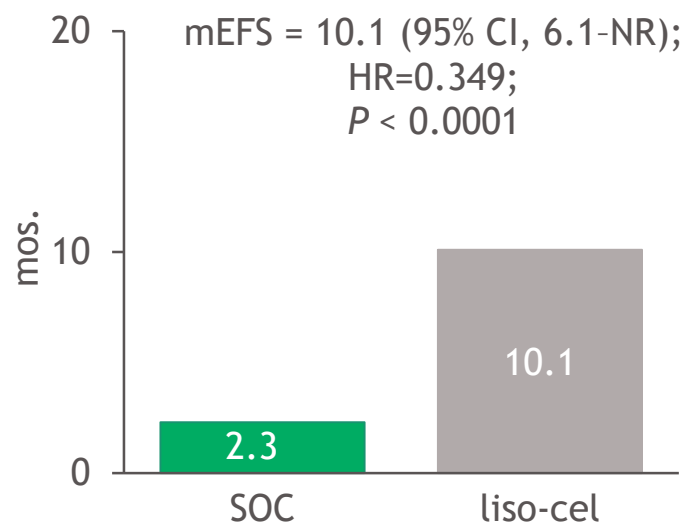
GPRC5D CAR T (MSKCC abstract #153204)

CC-99282 (presentation #3574) & SIRP α (presentation #2493)

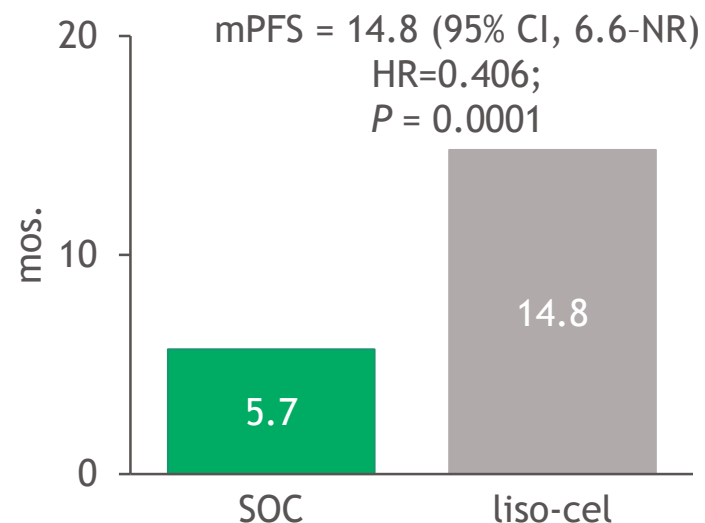
Breyanzi TRANSFORM data: demonstrates further potential of Cell Therapy treatments

Data from ASH abstract

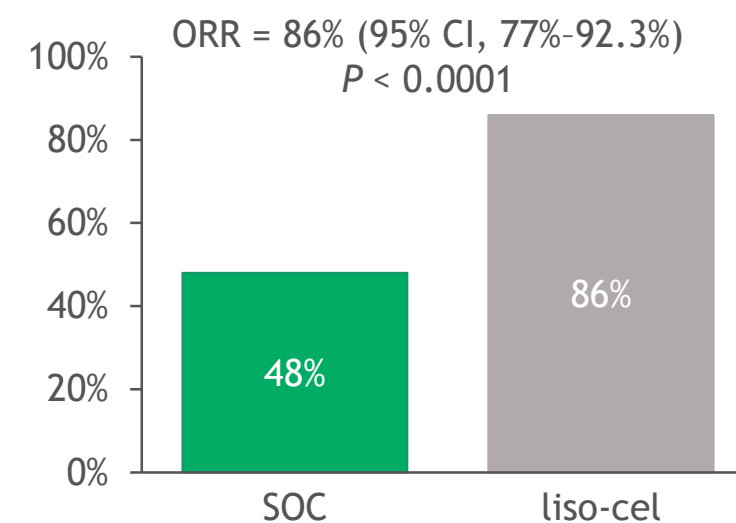
Primary endpoint: mEFS



Secondary endpoint: PFS



Secondary endpoint: ORR



- First therapy to demonstrate benefit vs. SOC
- Statistically significant & clinically meaningful improvement in primary & and key secondary endpoints
- No new safety concerns:
 - CRS all grades: 49%
 - CRS Gr3: < 1%
 - NE all grades: 12%
 - NE Gr3: 4%

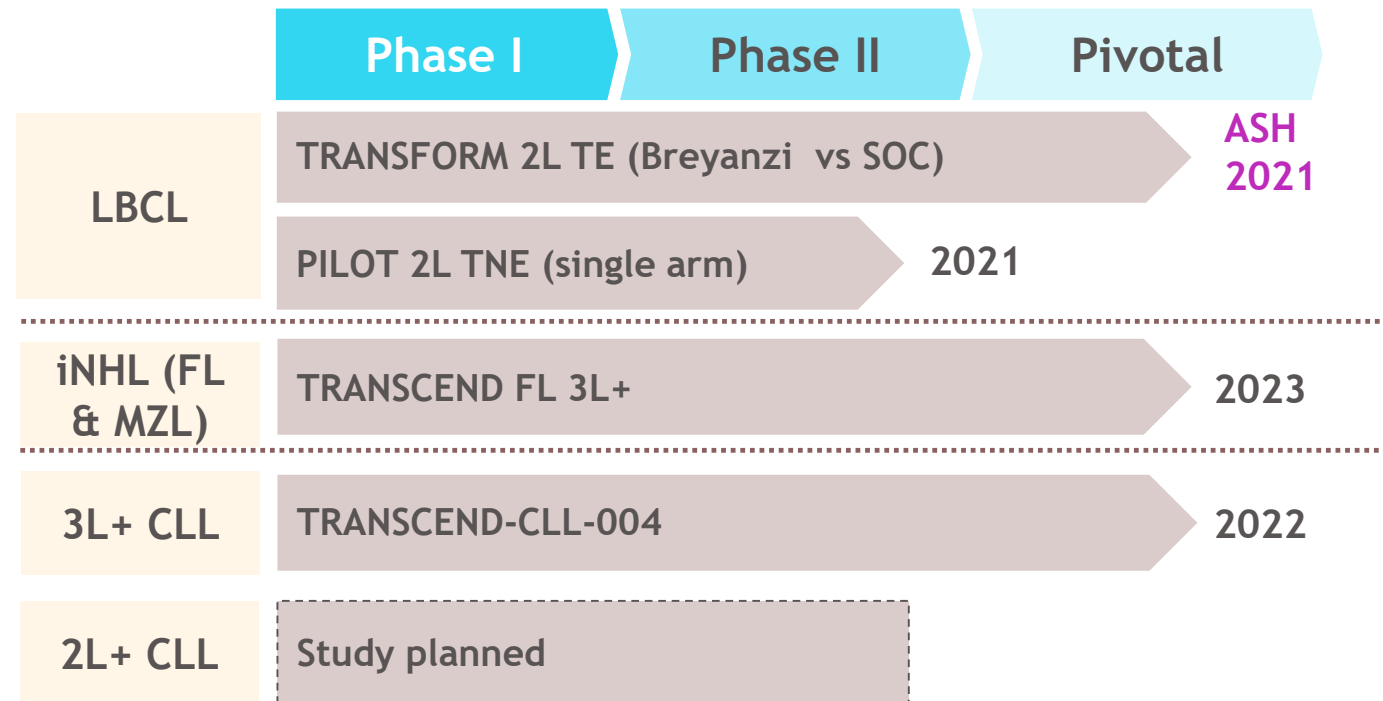
Supports Breyanzi as potential new SOC for 2L treatment in R/R LBCL



Continuing to expand Breyanzi

- Best-in-class CD19*
- Strong efficacy demonstrated in 2L and 3L+ LBCL
- Differentiated side effect profile, incl. low rates of CRS & NE

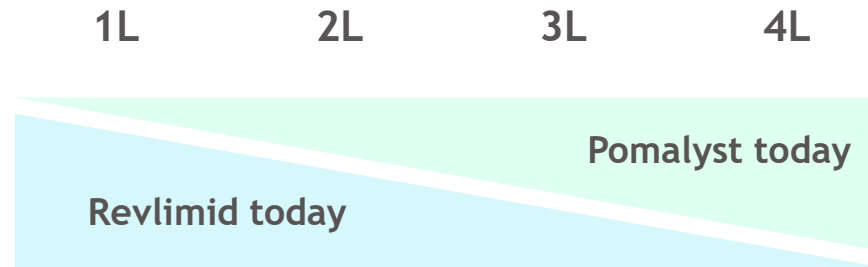
Registrational program & data availability



CELMoDs could replace the current foundation of care

Iberdomide vision

Replace Revlimid as foundation of frontline multiple myeloma treatment



CC-92480 vision

Replace Pomalyst as foundation of treatment in relapsed refractory multiple myeloma (RRMM)

Success Factors

1. Demonstrate superiority to IMiD agents (Revlimid, Pomalyst)
2. Combine CELMoDs broadly with existing SoC
3. Establish proprietary novel combinations to displace SoC
4. Develop multiple assets to enable sequential treatment



Data to be presented at ASH support strategy

Iberdomide: CC-220-MM-001: Phase 1b/2a study design

Phase 1: Dose Escalation

- RRMM, prior len or pom
- Prior proteasome inhibitor
- Documented PD during or within 60 days of last anti-myeloma therapy

Cohort A: iber
(iber: 0.3mg qd-1.0mg qd)

Cohort B: iber + dex
(iber: 0.3mg to 1.6mg qd)

Cohort E: iber + dara + dex
(iber: 1.0mg qd-1.6mg qd)

Cohort F: iber + bort + dex
(iber: 1.0mg qd-1.6mg qd)

Cohort G: iber + cfz + dex
(iber: 1.1mg qd)



Phase 2: Dose Expansion

Cohort C:
iber (RP2D)

Data at ASH 2021

Cohort D:
iber (1.6mg qd, RP2D) + dex

Cohort I:
iber (1.6mg qd, RP2D) + dex
(post-BCMA)

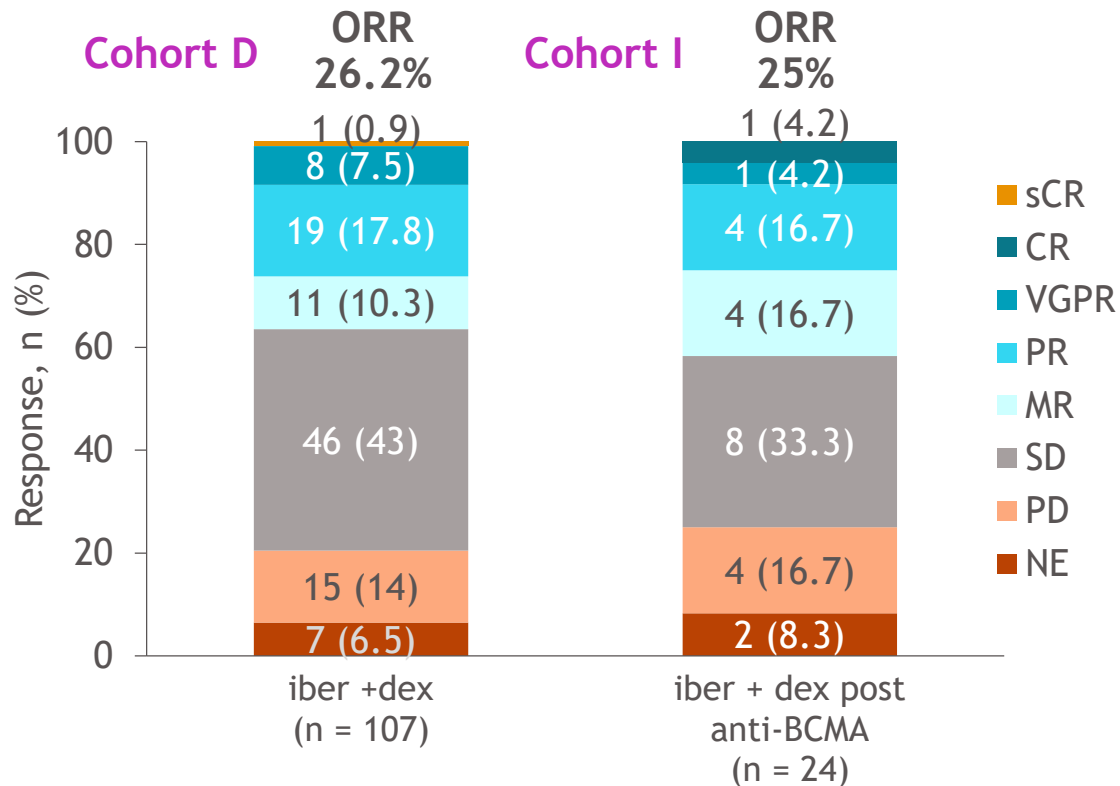
Refractory to 3+ prior regimens incl:
Len, Pom, PI, glucocorticoid & CD38;
excl. prior BCMA therapy

Refractory to 3L+, post BCMA

Study endpoints:

- **Primary:** to determine MTD/RP2D and efficacy
- **Secondary:** to assess safety

Iberdomide + dex: Profile to date supports advancing combination therapies into earlier lines of treatment



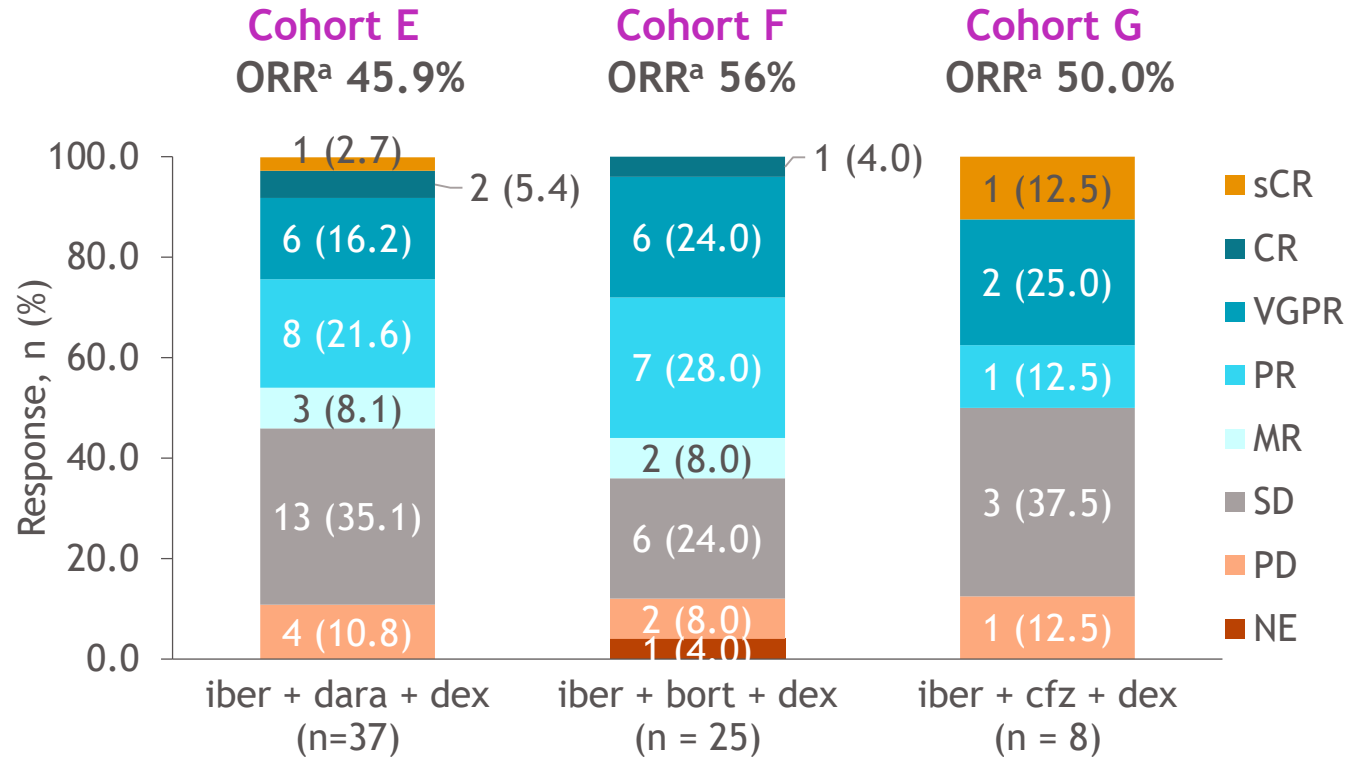
Manageable safety profile

	Cohort D
<i>Grade 3-4 TEAEs:</i>	
neutropenia	44.9%
anemia	28%
thrombocytopenia	21.5%
leukopenia	20.6%
GI disorders	5.6%
fatigue	2.8%
rash	1.9%
dose interruptions due to TEAEs	52.3%
dose reductions due to TEAEs	18.7%
discontinuances due to TEAEs	4.7%*

*No pts discontinued iber due to neutropenia

- Encouraging response rates in a 4L+ population, including those pts refractory to IMiDs
 - 25% in patients who are post-BCMA treatment
- Favorable tolerability profile support combination therapy; e.g., low rates of GI, fatigue, rash, discontinuations

Iberdomide triplet combinations: Promising responses & manageable safety profile in heavily pretreated patients



Favorable safety profile

Grade 3 TEAEs	Cohort E	Cohort F	Cohort G
neutropenia	66.7%	28.0%	33.3%
anemia	20.5%	12.0%	0%
thrombocytopenia	12.8%	24.0%	11.1%
febrile neutropenia ^b	5.1%	0%	0%
fatigue	2.6%	0%	11.1%
diarrhea	2.6%	4.0%	0%
rash	0%	4.0%	0%
infections	15.4%	20%	33.3%

- Increased response rates in combination with multiple standard MM therapies
- Favorable tolerability maintained, e.g. fatigue, diarrhea, rash

Data support moving into earlier lines

Iberdomide: Plans to develop as a new backbone in early line MM

2L+

EXCALIBER RRMM:
Iber+dara+dex vs. dara+bort+dex

Expected
initiation timing

1H 2022

NDMM

Post transplant maintenance:
Iber vs. Revlimid

2023

NDMM

EXCALIBER NDMM (TNE):
Iber+bort+dex / iber+dara+dex, vs. RVd

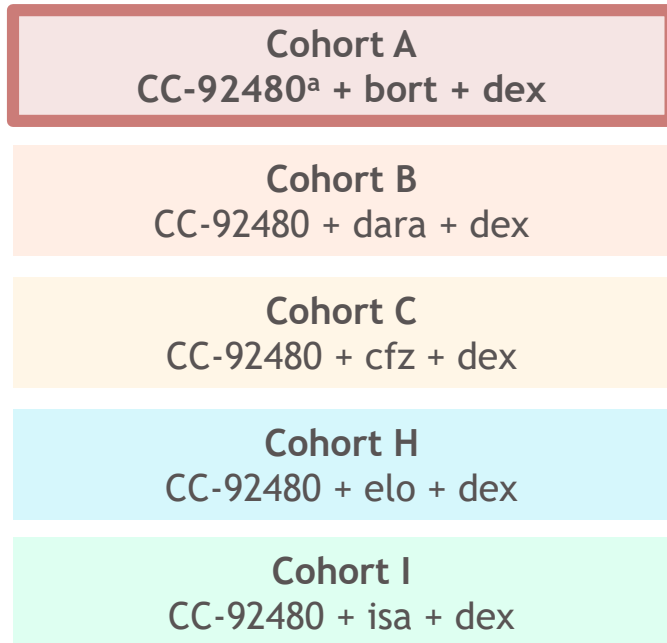
2023

CC-92480-MM-002: study design and objective

Phase 1: dose escalation

Key eligibility criteria (Cohort A)

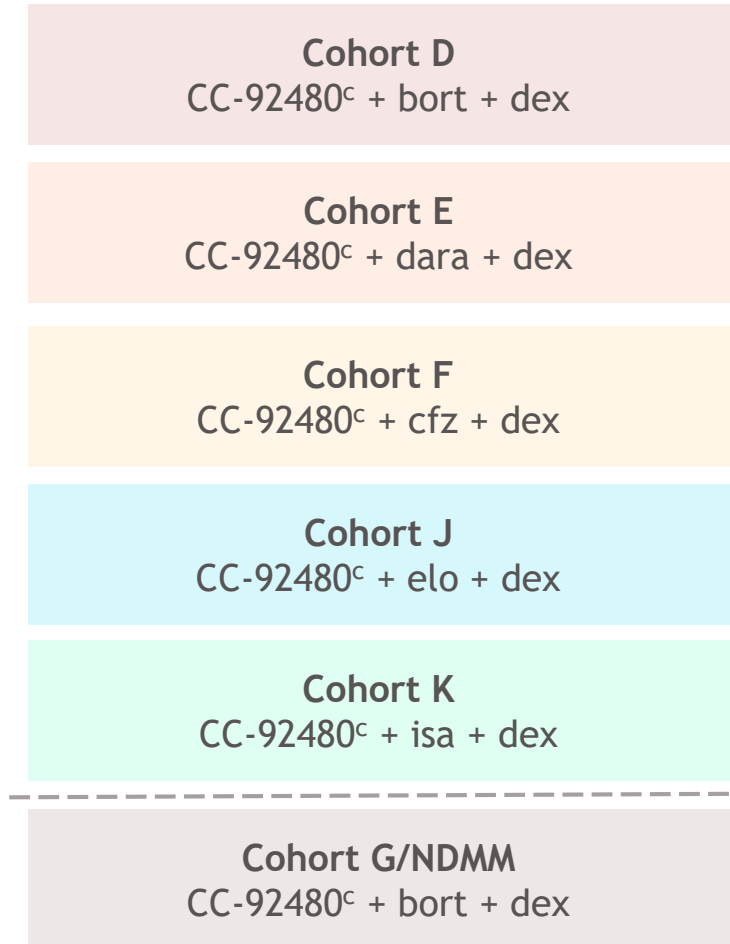
- RRMM; 2-4 prior regimens including LEN
- Disease progression during or after their last antineoplastic therapy



Study endpoints

- **Primary:** to determine MTD/RP2D and to assess safety and preliminary efficacy
- **Secondary:** to evaluate additional efficacy measures

Phase 2: dose expansion^b (1-3 prior lines)



^a0.3, 0.6, or 1.0 mg given orally on days 1-14 of each 21-day cycle. ^bIf the threshold for minimum \geq VGPR rate for Cohort D is met, an additional cohort may be opened to evaluate CC-92480 + BORT + DEX in TE NDMM patients; ^cAt RP2D. BORT, bortezomib; CFZ, carfilzomib; DARA, daratumumab; DEX, dexamethasone; ELO, elotuzumab; ISA, isatuximab; LEN, lenalidomide; MTD, maximum tolerated dose; NDMM, newly diagnosed multiple myeloma; RP2D, recommended phase 2 dose; TE, transplant eligible.

ClinicalTrials.gov: NCT03989414
EudraCT: 2018-004767-31

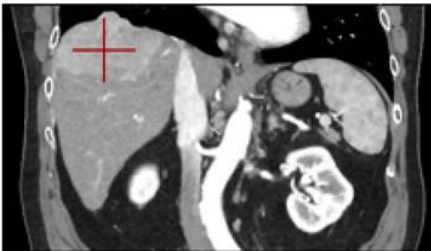
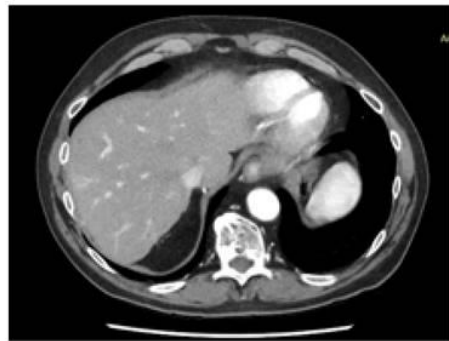
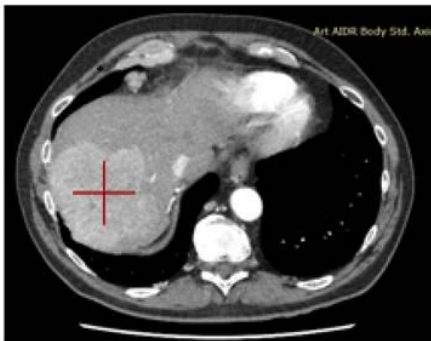
Differentiated potency for CC-92480 supported by encouraging clinical combination data

CC-92480 & dex:

Scan from expansion phase

CT at screening

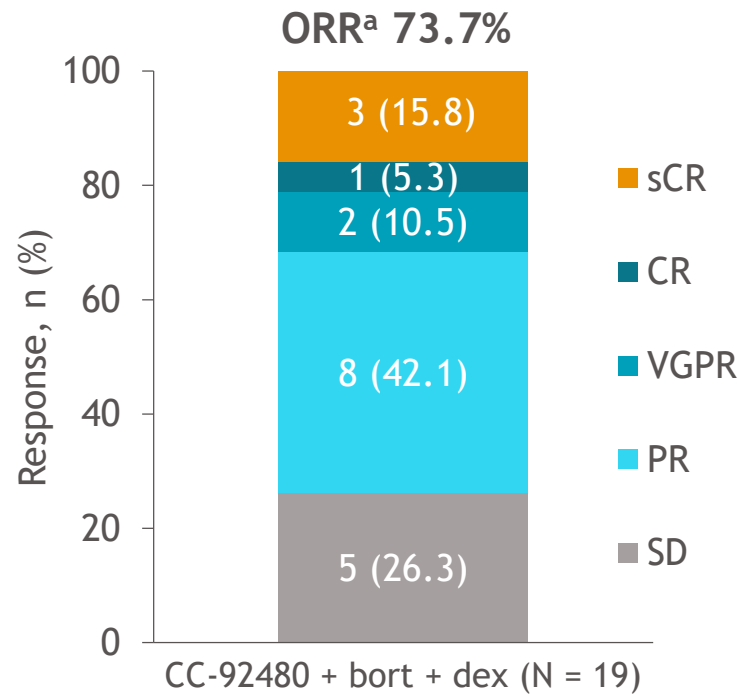
CT post treatment



Patient with EMP, extramedullary plasmacytoma

CC-92480 triplet combination:

Strong response rates & favorable safety mainly in 4L+



Safety	CC-92480 + bort + dex
neutropenia Gr 3-4	36.9%
thrombocytopenia Gr 3-4	21.1%
anemia Gr 3-4	10.5%
hyperglycemia Gr 3-4	10.5%
insomnia Gr 3-4	10.5%

All data shown per ASH 2021 abstract; data to be presented

- The median duration of response was 10.4 (5.5-not reached) months
- Median time to response was 0.95 (0.7-3.3) months

CC-92480: Potential opportunity to replace Pomalyst for 2L+ MM patients

4L+	CC-92480 + dex	Ph2 ongoing to inform Ph3 program
2L+	CC-92480 + dex + bort / cfz / dara / isa / elo	Ph2 ongoing to inform Ph3 program
2L+	CC-92480+Vd vs PVd; CC-92480+Kd vs Kd	Expected to initiate registrational trials in 2023

POC

Registrational

Advancing our BCMA portfolio

Immune Cell Engagers

T-Cell Engager CC-93269

- Encouraging early IV data
- Program now **focused on subcutaneous formulation** to maintain efficacy & reduce CRS

NK-Cell Engager BMS-986392¹

- **New asset** in Ph1
- Potential potent tumor killing ability & less CRS

Antibody Drug Conjugate

ADC CC-99712²

- Designed to avoid toxicity associated with other BCMA ADCs
- Currently in dose ranging studies

CAR T



- **In market** with 1st in class BCMA CAR T³ with strong demand
- **New wave of innovation** with NEX T enables manufacturing efficiencies

Important progress advancing our Multiple Myeloma strategy

Strategic objectives

Potential to improve upon IMiD agents and create new backbone

CELMoD agents



Redefine SoC across lines of therapy

Combinations



Establish BCMA as the optimal MM target

BCMA targeting agents

Continued innovation from early pipeline, e.g. GPRC5D CAR T

Robust Hematology Pipeline

Phase 1		
A/I CELMoD (CC-99282)	BCMA NKE	ROR1 CAR T
CK1 α CELMoD	BCMA TCE	BCMA NEX T
GSPT1 CELMoD (CC-90009)	BCMA CAR T (bb21217)	CD19 NEX T
BET Inhibitor ¹ (CC-95775)	CD33 NKE	BCMA ADC
Anti-SIRP α ¹	GPRC5D CAR T	CD47xCD20

Phase 2

A/I CELMoD
(CC-92480)

iberdomide

BET
Inhibitor
(BMS-986158)

Pivotal

Expansion
opportunities:

Reblozyl
1L MDS

Reblozyl
MF

Breyanzi
2L TE/TNE
LBCL

Breyanzi
3L+ CLL

Breyanzi
3L+ iNHL

Abecma
3-5L MM


Marketed


Revlimid[®]


Pomalyst[®]
(pomalidomide) capsules
1 · 2 · 3 · 4 mg


Empliciti[™]
(elotuzumab)


ONUREG[™]
(azacitidine) tablets
300mg · 200mg


Reblozyl[™]
(luspatercept-aamt)
for injection 25mg · 75mg


INREBIC[®]
(fedratinib) capsules
100mg


Breyanzi[®]
(lisocabtagene maraleucel) SUSPENSION
FOR IV INFUSION


Abecma[™]
(idecabtagene vicleucel) SUSPENSION
FOR IV INFUSION

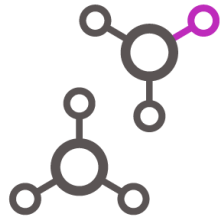
Leverage expertise to broaden & diversify in Oncology



Continue to expand
Opdivo / Yervoy

OPDIVO[™]
(nivolumab)
INJECTION FOR INTRAVENOUS USE 10 mg/mL

YERVOY[™]
(ipilimumab)
Injection for intravenous infusion



Extend I-O leadership through
the next-generation of assets

rela+nivo FDC

bempeg



Diversify beyond I-O with
differentiated platforms & novel MOAs

MORAb-202 ADC

Continuing to grow Opdivo / Dual I-O

22
OPDIVO
approvals

10
YERVOY
approvals

11
tumors

Metastatic Setting

Tumor/Trial	Status	Tumor/Trial	Status
1L Melanoma CA045-001 Opdivo + bempeg ¹ vs Opdivo	1H 2022 Readout	Prostate (mCRPC) CM-7DX Opdivo + Chemo vs Placebo + chemo	2023+ Readout
1L HCC CM-9DW Opdivo + Yervoy vs sorafenib / lenv.	2023+ Readout	Subcutaneous nivolumab ² CM-67T	2024 Readout
MSI-H CRC CM-8HW Opdivo + Yervoy	2025 Readout		

Early-Stage Setting

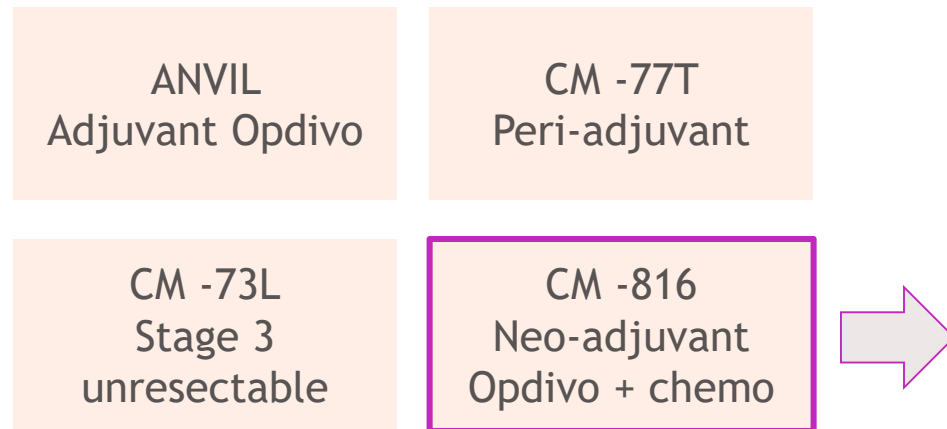
Tumor/Trial	Status	Tumor/Trial	Status
HCC (Adj) CM-9DX Opdivo vs Placebo	2023 Readout	NSCLC (Adj) ANVIL Opdivo vs Observation	2024 Readout
NSCLC (Neo-Adj) CM-816 Opdivo + chemo vs chemo	2020 pCR ✓ 2023+ EFS ✓	NSCLC Stage 3 (Unresectable) CM-73L Opdivo mono, O+Y vs Imfinzi	2023+ Readout
Renal (Adj) CM-914 Opdivo + Yervoy vs Placebo	2022 / 2023 Readout (Part A)	NSCLC (Peri-Adj) CM-77T Neo-adj Opdivo + chemo followed by Adj Opdivo vs chemo	2024 Readout
MIBC (Peri-Adj) CA017-078 Opdivo + Chemo, Opdivo + IDO + chemo, vs chemo	2024 Readout	Melanoma (Adj) CA224-098 Relatimab + Opdivo vs Opdivo	2025 Readout

¹ as part of collaboration with NEKTAR ² potential applicability in both metastatic & early stage disease

Expanding Opdivo use in early-stage lung cancer

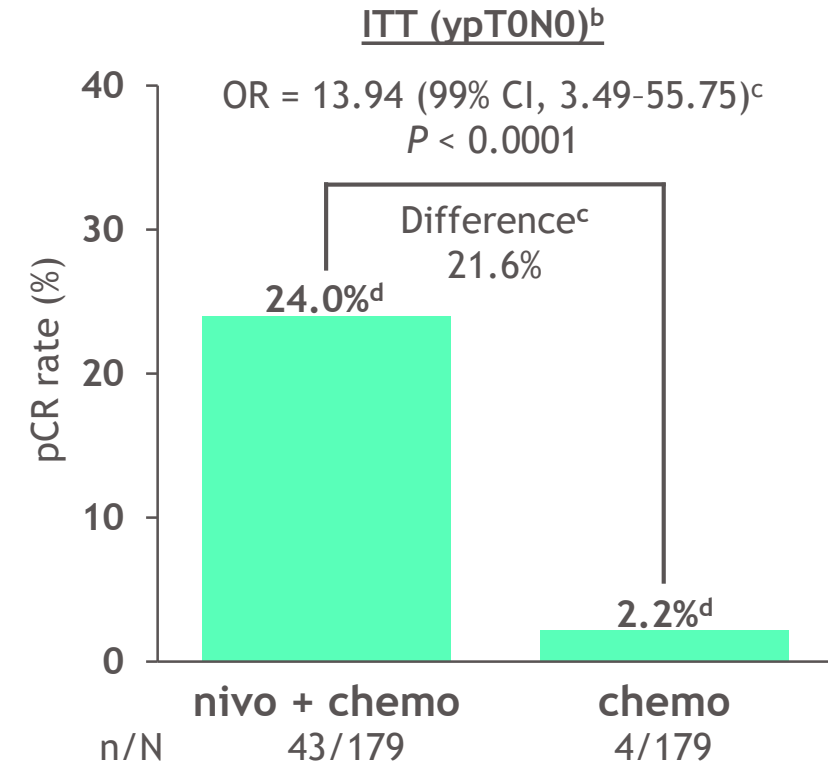
Multiple opportunities in early-stage lung

- Across neo-adjuvant, adjuvant and peri-adjuvant settings
- Utilizing both mono & combination approaches



CM-816: Neo-adjuvant nivo + chemo

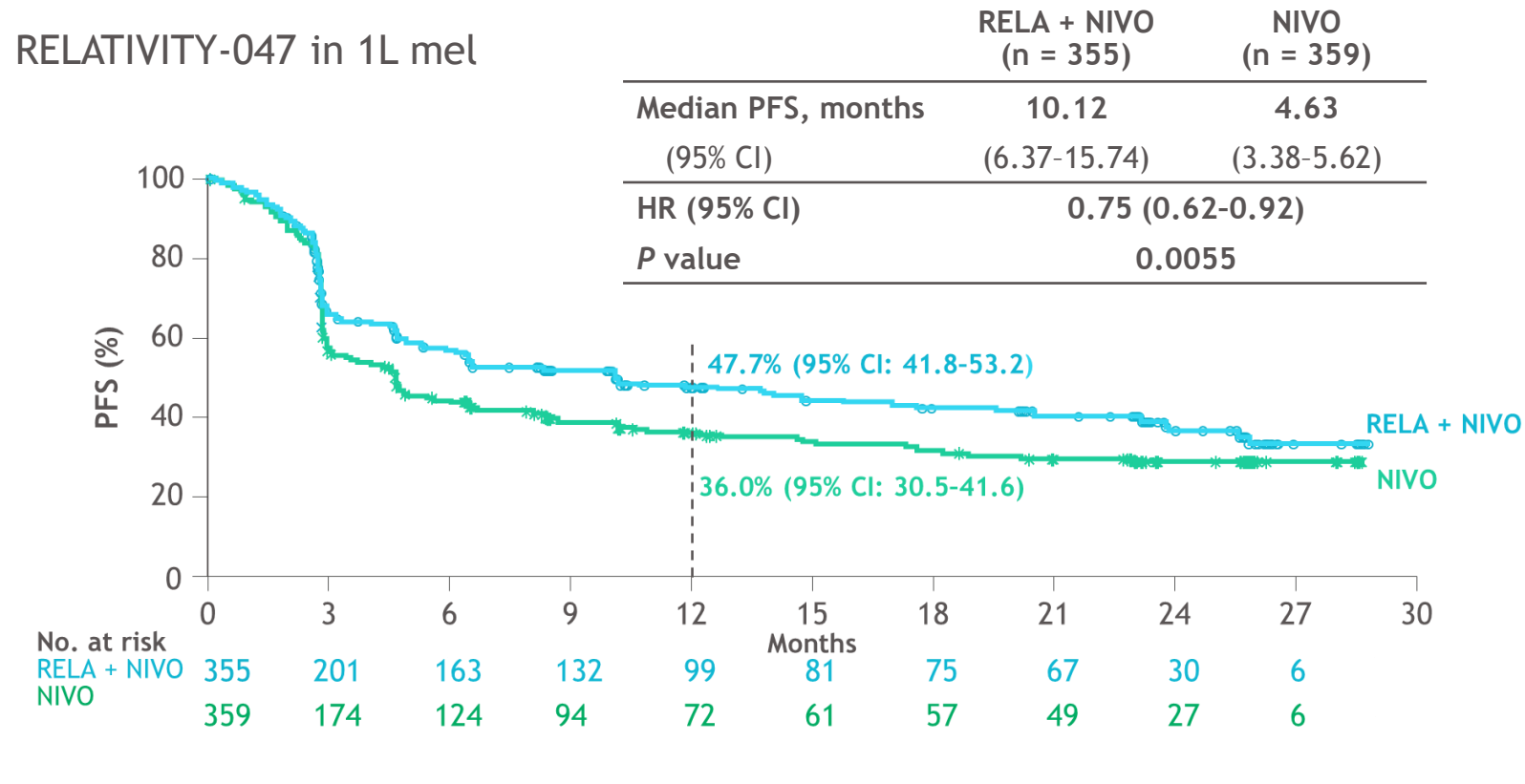
1) Primary endpoint of pCR^a met vs chemo



2) Clinically meaningful EFS data in-house; to discuss with health authorities

Next novel I-O combination: relatlimab + nivolumab

- **LAG-3 and PD-1** are distinct immune checkpoints, often co-expressed on tumor-infiltrating lymphocytes, and contribute to **tumor-mediated T-cell exhaustion**^{1,2}
- In preclinical models, LAG-3 and PD-1 blockade demonstrated **synergistic antitumor activity**¹



Clinical data support potential opportunities in melanoma (PDUFA: Mar 19, 2022) & beyond

Rela + Nivo FDC: broad expansion program

Melanoma

1L - Relativity -047

Adjuvant (Stage 3/4):
CA 224-098
rela+nivo vs nivo

NSCLC

1L: CA224 -104
rela+nivo+chemo vs
nivo+chemo

1L: CA224 -095
rela+nivo+chemo vs
pembro+chemo

HCC





1L: CA224 -106
rela+nivo+bev vs
nivo+bev

2L IO naïve: CA224 -073
rela+nivo vs nivo

CRC

2L+: CA224 -123
rela+nivo vs
regorafenib

Ability to leverage ongoing data generation
to inform future expansion opportunities

-  In regulatory review (PDUFA: Mar 19, 2022)
-  Registrational study
-  POC to trigger registrational study
-  Planned; not yet enrolling

Bempeg: additional next generation I-O opportunity

Pegylated IL-2 partnered with NEKTAR Therapeutics

Melanoma

1L Mel: CA045-001
nivo+bempeg vs. nivo¹
Readout: 1H 2022

Adjuvant Mel: PIVOT-12
nivo+bempeg vs. nivo²
Readout: 2025

Renal

1L RCC: PIVOT-09
nivo+bempeg vs. TKI²
Readout: 2H 2022

Bladder

**1L cis-ineligible:
PIVOT-10**
nivo+bempeg²
Readout: 1H 2022

**Peri-Surgical MIBC:
CA045-009**
nivo+bempeg vs. nivo
vs. SOC¹
Readout: 2023

 Ongoing registrational opportunity

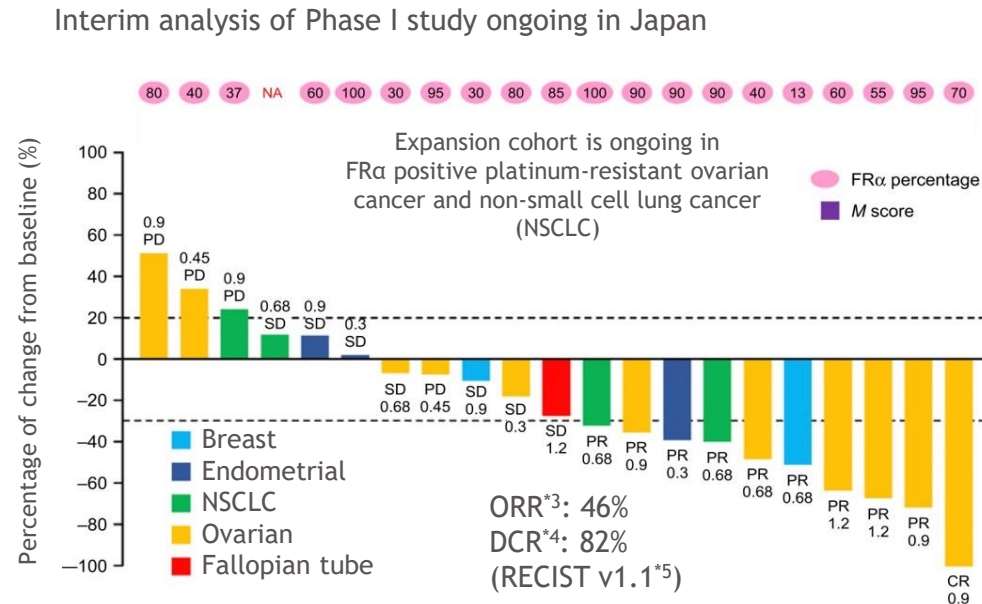
Note: CDP also includes earlier solid tumor studies (e.g., PIVOT-02), regional studies (e.g., Japan '010, China '016), and pediatric studies (e.g., '020) not depicted here.

¹BMS operationalized; ²NKTR operationalized

MORAb-202 is a novel folate receptor alpha ADC

Differentiated payload (eribulin)

Demonstrated single agent clinical activity across multiple tumor types



Development plan



- In partnership with Eisai
- Tumors of interest include ovarian, NSQ NSCLC, breast, endometrial
- High addressable population based on range of FR expression

Next steps

- Evaluating dose range to optimize therapeutic index

Potential to further diversify solid tumor portfolio & extend leading position in Oncology

Robust Oncology Pipeline

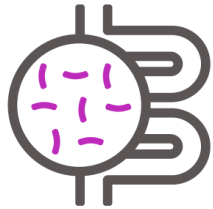
Phase 1				Phase 2		Phase 3	Marketed
AHR Antagonist (<i>Ikena</i>) ²	Anti-NKG2A	Anti-TIM3		Anti-CTLA-4 NF	BET Inhibitor ¹ (CC-90010)	bempegal-desleukin	 <small>INJECTION FOR INTRAVENOUS USE 10 mg/mL</small>  <small>Injection for intravenous infusion</small>
Anti-CCR8	Anti-OX40	AR LDD		Anti-CTLA-4 Probody	farletuzumab - eribulin ADC	linrodostat	
Anti-CTLA-4 NF-Probody	motolimod	CD3xPSCA (<i>GEMoaB</i>) ²	STING Agonist	Anti-Fucosyl GM1	LSD1 Inhibitor ¹	subcutaneous nivolumab	
Anti-IL-8	TIGIT Bispecific	IL-12 Fc	TGFB Inhibitor	Anti-TIGIT		relatlimab ¹	

>20 assets in Phase 1 / 2

Building an exciting pipeline in Immunology

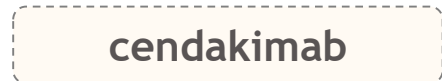
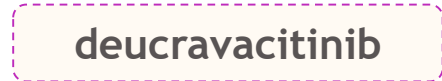


Foundation in Immunology today



Expansion opportunities underway

Rheumatology / Gastroenterology / Dermatology



Multiple promising early assets across immune-mediated diseases

Deucravacitinib has potential to become new oral standard of care in psoriasis

Deucravacitinib

A first-in-class selective TYK2 inhibitor

in moderate-to-severe psoriasis, with proven differentiation

Clinically meaningful **efficacy**

- **Superior to apremilast**, comparable to 1st generation biologics
- **Durable** responses through one year

Favorable safety and tolerability

- Consistent with its mechanism of action

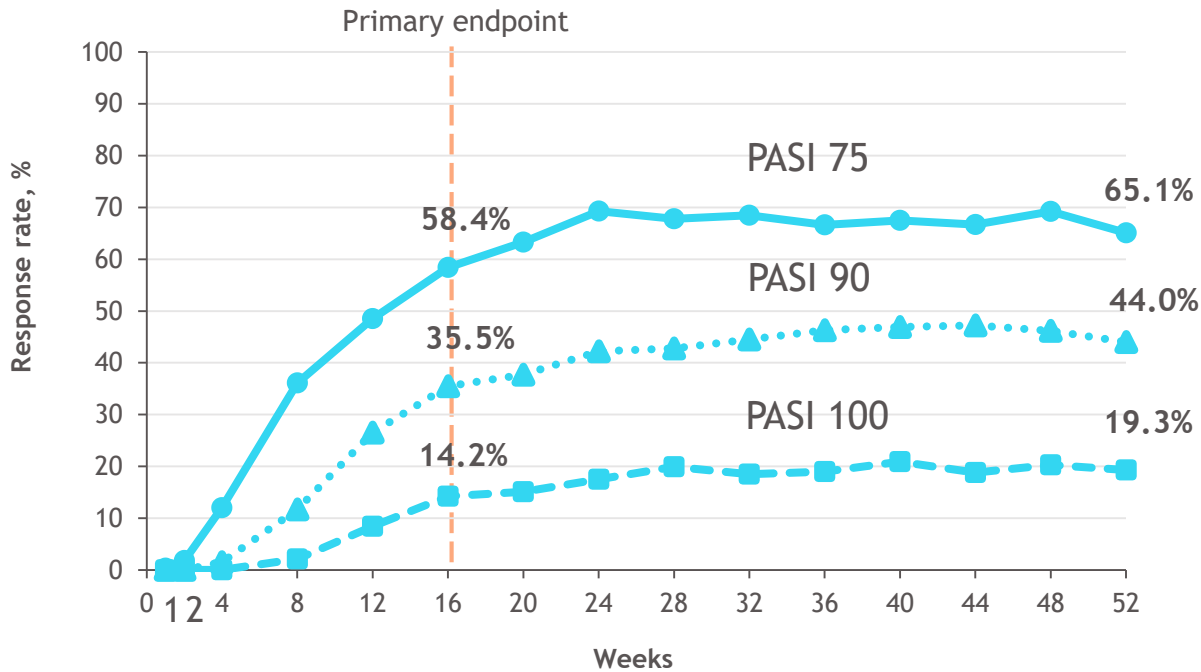
Opportunity for **broad applicability** across a range of immune-mediated diseases

Filed in U.S. & EU (PDUFA Sept 2022)

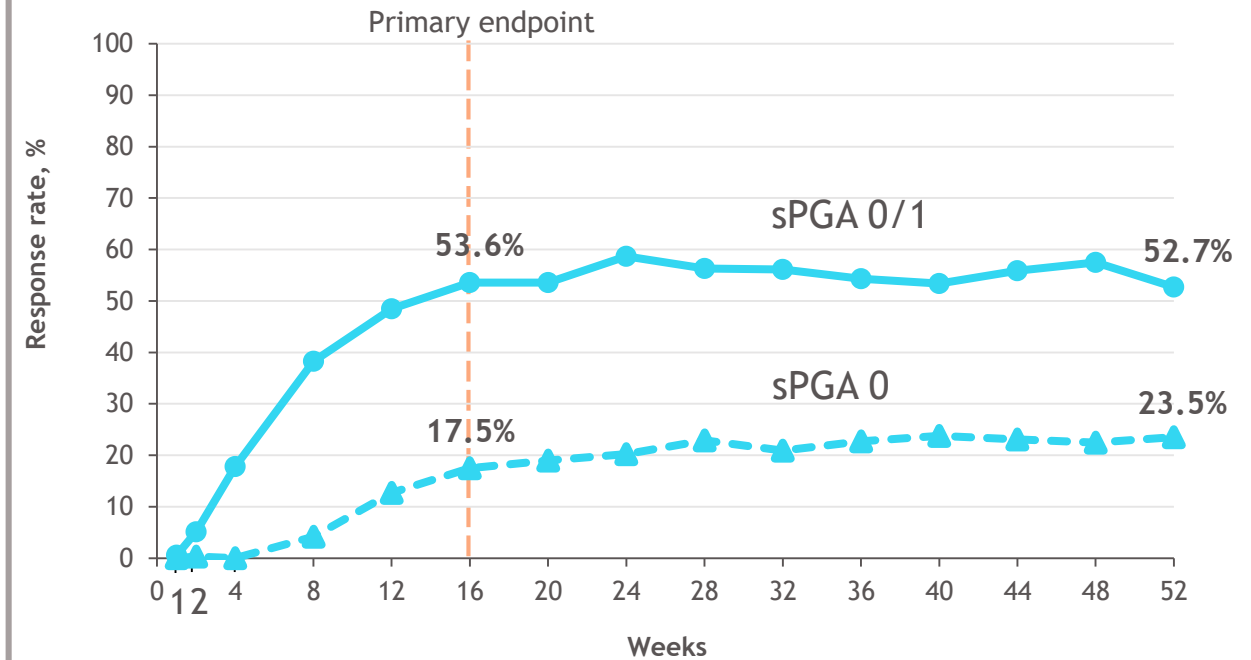
Long-term data further support differentiated efficacy profile

Meaningful responses sustained through wk 52 across primary & secondary endpoints

PASI 75, PASI 90, PASI 100 responses for deucravacitinib (n=332)



sPGA 0/1 and sPGA 0 responses for deucravacitinib (n=332)







Missing data were imputed using nonresponder imputation.

sPGA response defined as a score of 0 or 1, with ≥ 2 -point improvement from baseline.

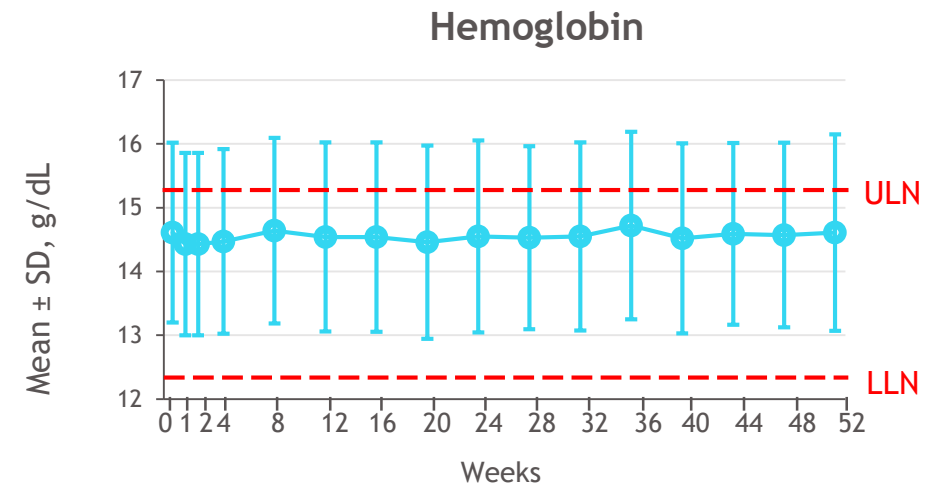
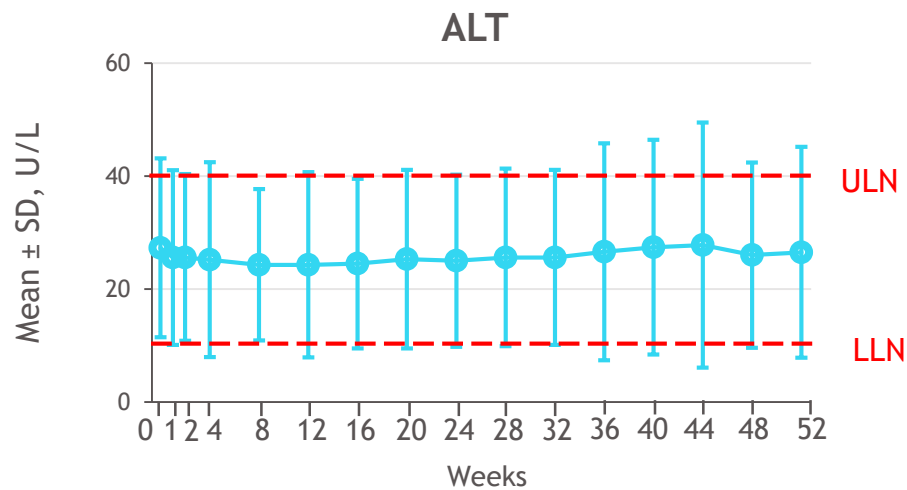
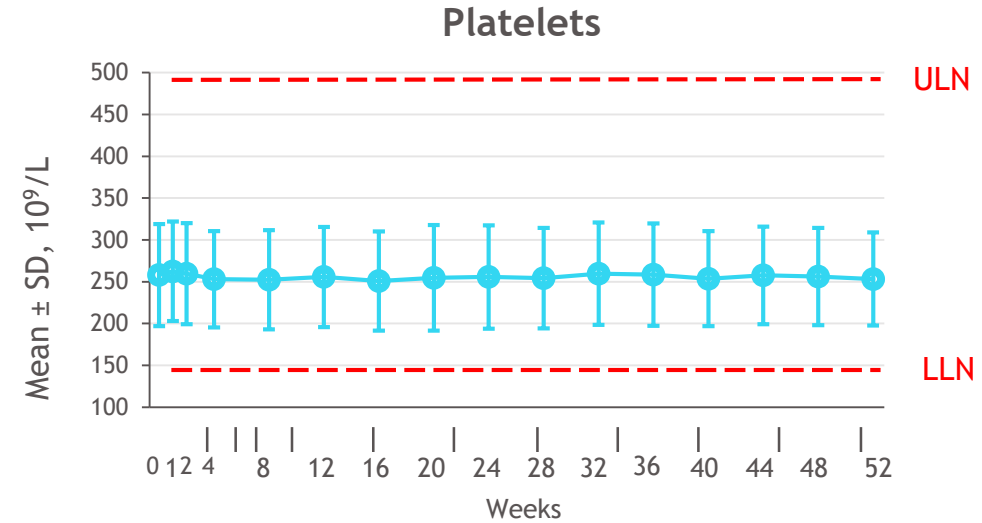
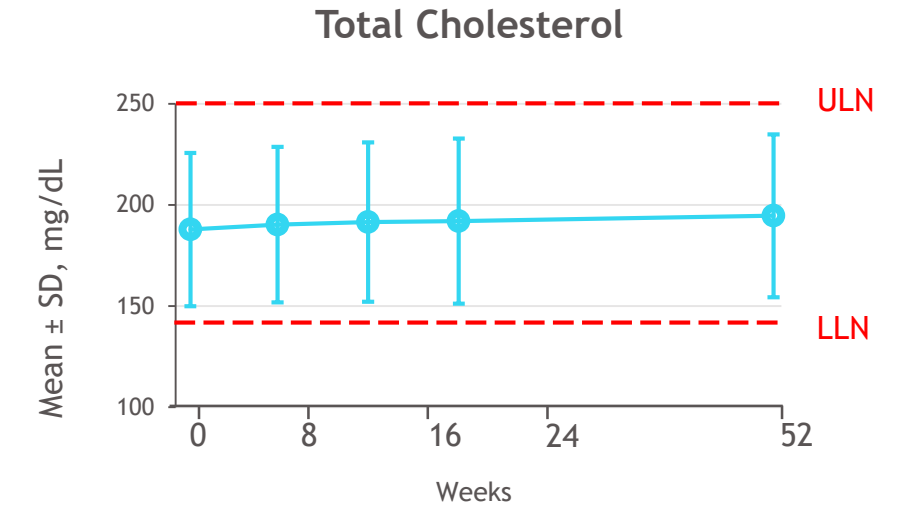
PASI, Psoriasis Area and Severity Index; PASI 75, $\geq 75\%$ reduction from baseline in PASI; PASI 90, $\geq 90\%$ reduction from baseline in PASI;

PASI 100, 100% reduction from baseline in PASI; sPGA 0/1, static Physician's Global Assessment score of 0 or 1.

Labels for approved JAK 1,2,3 inhibitors reflect known JAK lab signature

	tofacitinib	upadacitinib	baricitinib
 <p>MOA (in vitro JAK 1-3 selectivity)</p>	JAK 1, 2, 3	JAK 1, 2	
 <p>Anemia (Hemoglobin)</p>	<ul style="list-style-type: none"> Do not initiate in pts with < 9 g/dL Interrupt in pts with < 8 g/dL or decrease of >2 g/dL Monitoring for potential changes 	<ul style="list-style-type: none"> Do not initiate in pts with < 9 g/dL Interrupt in pts with < 8 g/dL Decreases to < 8 g/dL were reported in clinical studies Monitoring for potential changes 	
 <p>ALT/AST (Liver Enzyme)</p>		<ul style="list-style-type: none"> Increased incidence of liver enzyme elevation Routine monitoring of liver tests recommended 	
 <p>Lipids</p>		<ul style="list-style-type: none"> Increases in total cholesterol, LDL, & HDL Routine monitoring recommended 	

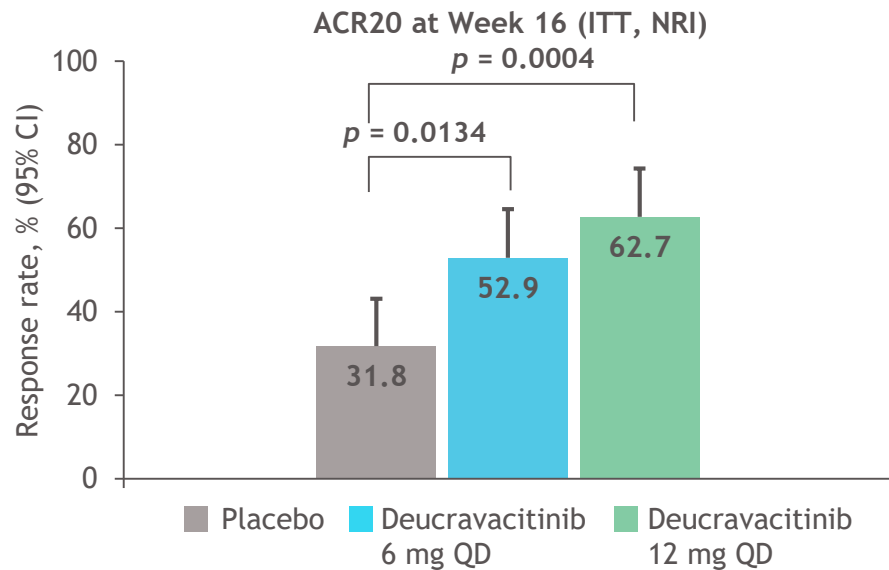
Results through one year confirm no clinically meaningful changes from baseline and no JAK-like signature across lab results



Deucravacitinib Ph 3 study ongoing in Psoriatic Arthritis

Deucravacitinib in Psoriatic Arthritis (PsA)

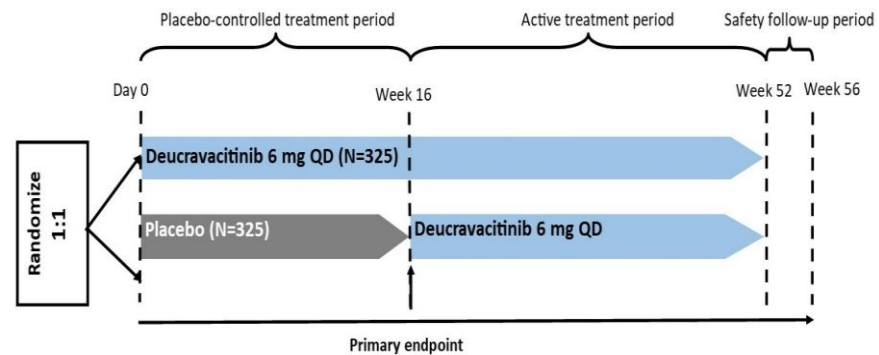
Data from Phase 2



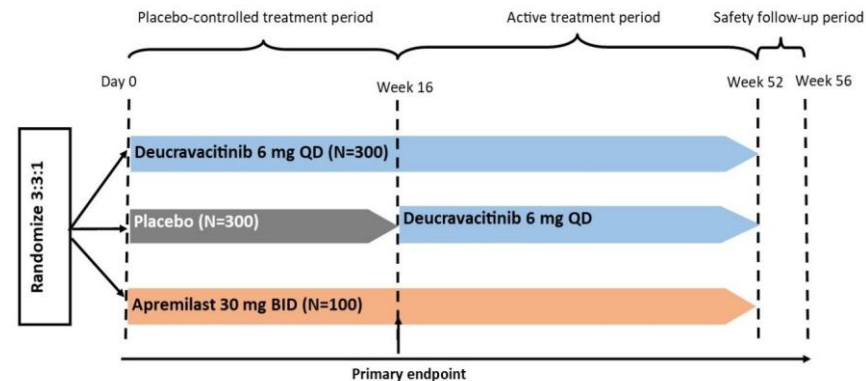
Deucravacitinib demonstrated significantly greater ACR20 responses at wk 16: 52.9% (at 6 mg) vs 31.8% (placebo)

Phase 3 Program (moderately to severely-active PsA)

IM011-054



IM011-055



Primary endpoints:

- ACR20

Secondary endpoints included:

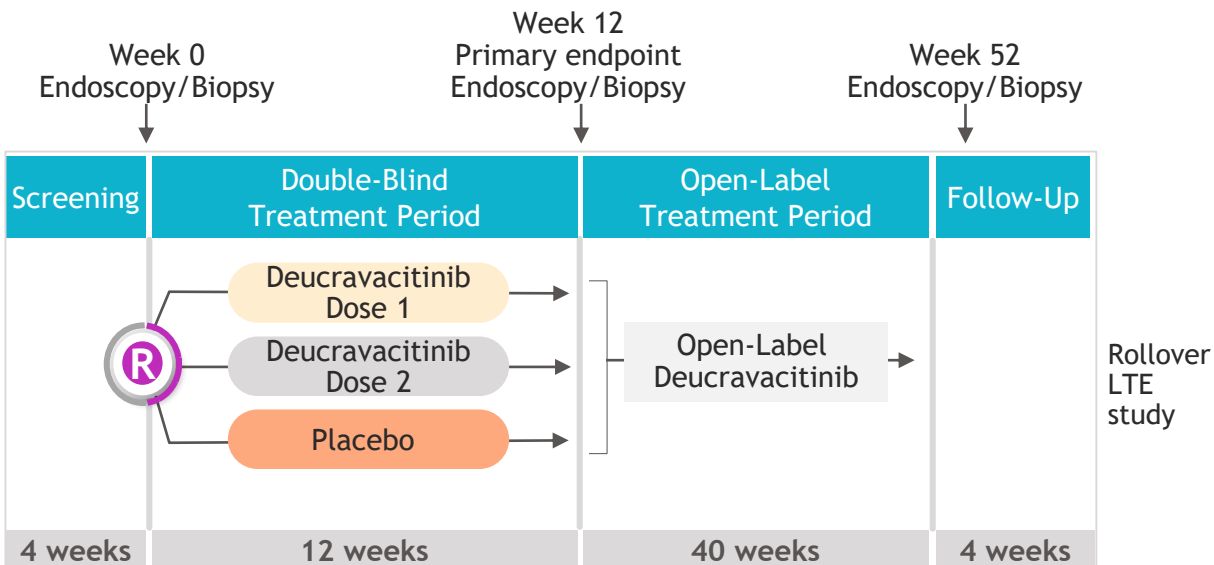
- DAS28-CRP
- HAD-DI (disability index questionnaire)
- PASI-75

Readout: 2024

Opportunity to evaluate the potential for deucravacitinib in two important inflammatory bowel diseases

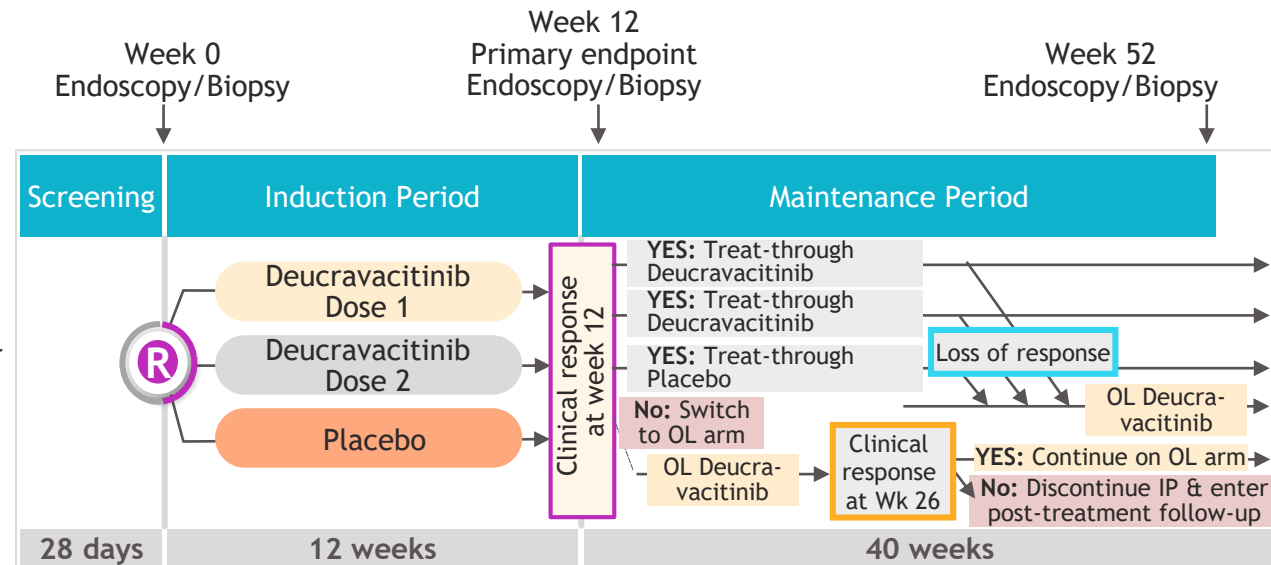
Ulcerative Colitis

- Initial Ph2 study in moderate-to-severe UC (LATTICE-UC) did not meet primary & key secondary endpoints
- Second Ph2 trial (IM-024-127, below) to assess potential at higher dose, with opportunity to expand - data expected 2022/2023



Crohn's Disease

- Ongoing Ph2 in Crohn's Disease (LATTICE-CD)
- Data expected 2022/2023



Additional expansion opportunities for deucravacitinib

Dermatology

Psoriasis

Filed in U.S. & EU

Discoid Lupus Erythematosus

Readout: 2H 2023

Psoriasis topical (Mild-to-moderate)

Phase 2 to begin mid-2022

Rheumatology

Psoriatic Arthritis

Phase 3 enrolling;
Readout: 2024

Systemic Lupus Erythematosus

Readout: Early 2022

Gastroenterology

Ulcerative Colitis

IM-011-127 Phase 2
expected 2022/2023

Crohn's Disease

Readout: 2022/2023

Registrational

Ongoing Ph 2 POC

New Ph 2 POC

Ability to leverage ongoing data generation to inform future expansion opportunities

Established IBD presence with Zeposia UC, with potential expansion to Crohn's Disease

Zeposia in IBD

Ulcerative Colitis – Currently approved in the U.S.; positive CHMP opinion

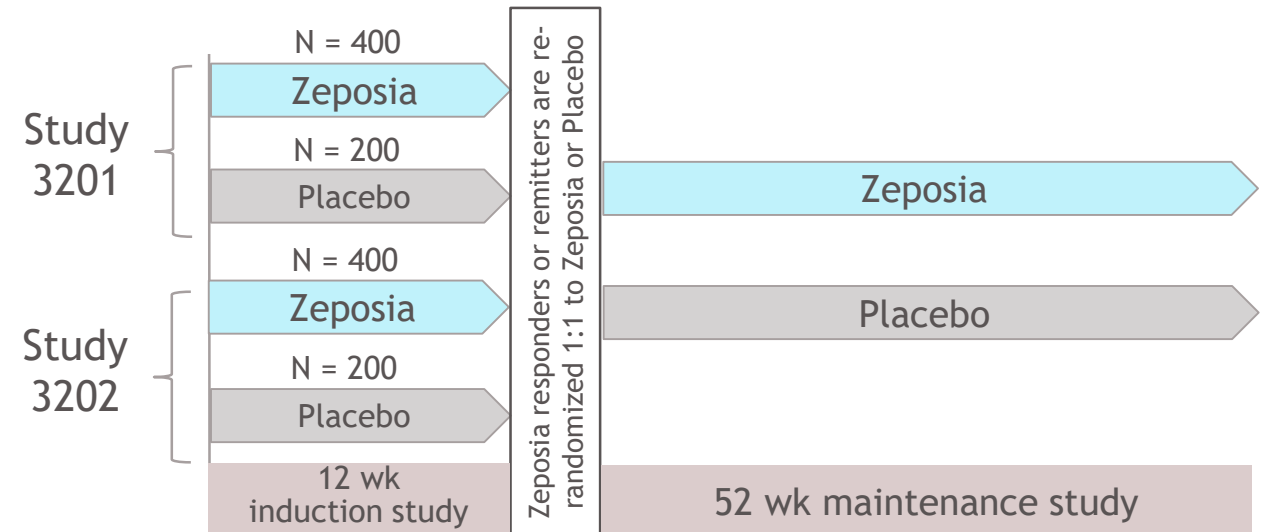
- Zeposia currently provides UC patients with efficacy comparable to biologics, and a favorable safety profile in an oral medicine

Crohn's Disease – Phase 3 trial enrolling 

- Provides opportunity to benefit additional patients living with IBD
- Readout: 2024

Crohn's Ph 3 Study Design (YELLOWSTONE)

Adults with moderately to severely active CD

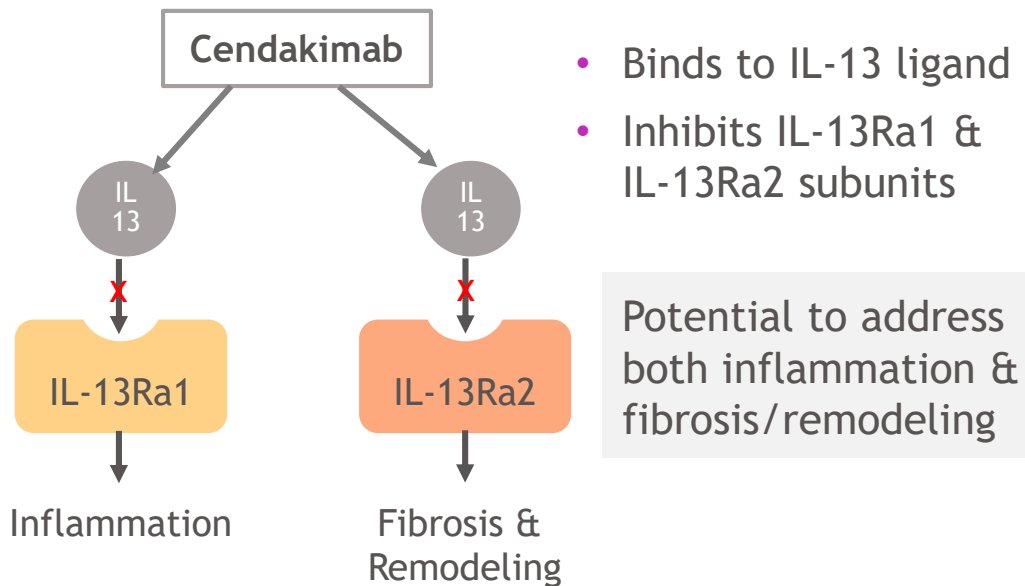


Primary endpoints:

- Induction studies: Week 12 clinical remission
- Maintenance study: Co primary @ Week 52 clinical remission and endoscopic response

Continuing to build with cendakimab

High affinity IL-13 neutralizing antibody



- Binds to IL-13 ligand
- Inhibits IL-13Ra1 & IL-13Ra2 subunits

Potential to address both inflammation & fibrosis/remodeling

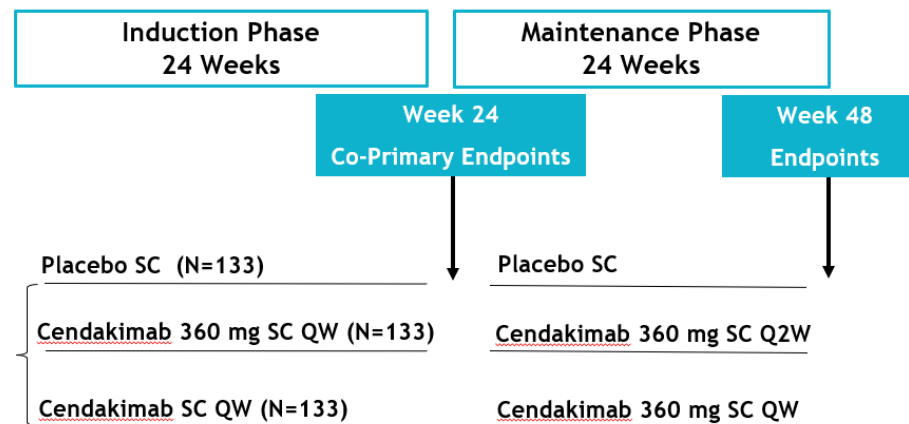
EoE Overview:

- High unmet need, currently no approved therapies
- Life altering disease for ~700k pts (combined U.S./EU5)

EoE: POC established with Ph2 data

- Significant reduction in eosinophil count; Wk 16 @ 360mg: 122.6 (baseline) to 25.5 cells/hpf
- Significant endoscopic improvement (EOE-EREF); Wk 16 @ 360mg: 9.4 (baseline) to 4.8

EoE: Currently enrolling Ph3 study; readout: 2024



Co-primary (week 24):

- Change in dysphasia days
- % of pts with esophageal eosinophils ≤ 6 /hpf

Key secondary:

- % of pts with esophageal eosinophils ≤ 15 /hpf
- EREFS
- EoE-HSS; mDSD composite score

Ph 2 Atopic Dermatitis POC underway

Emerging Immunology Pipeline

Phase 1

Anti-CD40

Imm. Tolerance (Anokion)¹

TYK2 inhibitor

IL2-CD25

afimedoran (TLR 7/8 inhibitor)

Phase 2

MK2 inhibitor

branebrutinib

S1PR1 Modulator

iberdomide

Phase 3

deucravacitinib

cendakimab

Marketed

 **ORENCIA**
(abatacept)

 **ZEPOSIA**
(ozanimod) | 0.92 mg capsules

Advancing the pipeline across all therapeutic areas



Cardiovascular

- Mavacamten
 - EXPLORER LTE presentation
- Milvexian
 - TKR Ph 2 positive data



Oncology

- Advancement of Opdivo expansion programs
- Rela+Nivo FDC PDUFA date March 19, 2022



Hematology

- CELMoDs
 - new combination data
- Breyanzi
 - TRANSFORM data



Immunology

- deucravacitinib filed in U.S. & EU; PDUFA Sept 2022

Multiple exciting milestones ahead

2022 Key Milestones

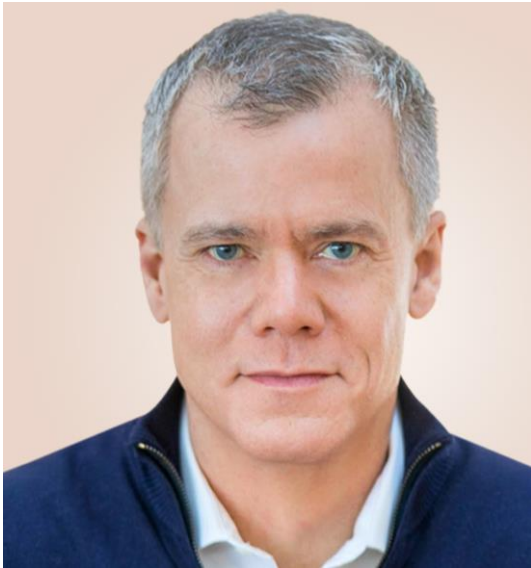
Opdivo (+/- Yervoy)	Metastatic: 1L ESCC (CM-648) approval Early-stage: Neo-adj lung EFS (CM-816) approval	Abecma	2L+ MM (KarMMa-2) Ph2 (POC)	mavacamten	oHCM approval SRT (VALOR) Ph3 Initiation of Ph3 in nHCM
relatlimab	1L melanoma approval Initiation Ph3 1L lung (CA224-095)	CC-92480	4L+ MM Ph1/2	milvexian	SSP Ph2 (POC)
bempeg	1L melanoma/1L renal/1L bladder	deucravacitinib	PsO U.S. approval SLE Ph2 (POC)		
Breyanzi	3L+ LBCL EU approval 3L+ CLL (TRANSCEND-CLL) Ph2	cendakimab	AD Ph2 (POC)		

2023/2024 Key Milestones

Opdivo (+/- Yervoy)	Metastatic: 1L CRPC (CM-7DX) 1L HCC (CM-9DW)	relatlimab	2L HCC (POC)	deucravacitinib	PsO EU approval PsA Ph3 CD & DLE Ph2 (POC) 2 nd Ph2 in UC IM011-127
	Early-stage: Adj. HCC (CM-9DX) Adj. RCC (CM-914) Peri-adj Lung (CM-77T) Peri-adj MIBC (CM-078) Adj. NSCLC (ANVIL, co-op group)	bempeg	Neo-adj. CIS-ineligible MIBC		
		Breyanzi	3L+ FL TRANSCEND Ph2	cendakimab	EoE Ph3
		Abecma	3L+ MM (KarMMa-3) Ph3	Zeposia	CD Ph3 Induction/Maintenance
		CC-93269	Initiation of pivotal trial	mavacamten	HFpEF Ph2 EMBARK (POC)
		iberdomide	Initiation of NDMM Ph3 H2H vs. Rev		
		CC-92480	Initiation of Ph3 triplet 2L+ MM (w/ Vd, Kd)		
		Reblozyl	1L MDS (ESA naïve) COMMANDS Ph3 MF INDEPENDENCE Ph3		

Program will reconvene following
a short break

(10 min)



Commercial Opportunities

Chris Boerner

Chief Commercialization Officer

Building blocks of our Continuing Business

Key in-line growth drivers

OPDIVO[™]
(nivolumab)
INJECTION FOR INTRAVENOUS USE 10 mg/mL

YERVOY[™]
(ipilimumab)
Injection for intravenous infusion

Eliquis[™]
apixaban

Broad New Product Portfolio with significant non-risk adjusted revenue* potential in 2029

\$4B+

Reblozyl[™]
(luspatercept-aamt)
for injection 25mg • 75mg

mavacamten

deucravacitinib

rela+nivo FDC

\$3B+

ZEPOSIA[®]
(ozanimod) | 0.92 mg capsules

Breyanzi

\$1B+

ONUREG[™]
(azacitidine) tablets 300mg • 200mg

Abecma[®]
(idecabtagene vicleuce) SUSPENSION FOR IV INFUSION

Key pipeline

milvexian

CC-92480

cendakimab

iberdomide

bempeg

MORAb-202

BCMA TCE

+ Expansion opportunities across multiple assets

In-line growth drivers contribute \$8B to \$10B growth from 2020-2025



\$8.7B 2020 Combined Sales | A standard of care across **11 tumors**

Continued growth opportunity:



Maintain leadership in
Melanoma & RCC

Expand in metastatic
disease incl. Lung & GI

Lead evolution in
early-stage disease



\$9.2B 2020 Sales

Continued growth opportunity:

Drive leadership
in NOAC class

Expand
NOAC class

Increase
treated population

Enabled by strong cardiovascular infrastructure

Ability to extend leadership in thrombotic diseases with milvexian

Building upon history of successful partnerships in CV

Plavix
(clopidogrel bisulfate) 75mg tablets

Peak global sales:
\$7.1B (2011)

Eliquis
(apixaban) tablets

FY global sales:
\$9.2B (2020)

Milvexian

Potential next-generation anti-thrombotic

- Potential to widely span arterial & venous diseases
- Opportunity to launch prior to Eliquis LOE in 2028¹

Positive feedback from cardiologists on mavacamten

Unmet need

- Physicians recognize a need for options that address underlying disease vs. treat symptoms
- Desire by patients & physicians to improve cardiac function and quality of life

Mavacamten perception

- ✓ Mava targets the underlying pathophysiology of the condition, unlike other treatment methods
- ✓ Recognition of magnitude of improvement in efficacy measures

“ Mavacamten is the **first therapeutic candidate to target the heart muscle proteins...** with the intent of **correcting the abnormal function of the heart.**”

Dr. Daniel Jacoby, M.D.
Yale School of Medicine

“ The **extraordinary data** from the EXPLORER pivotal trial confirm **mavacamten’s ability to relieve dynamic outflow obstruction, control symptoms and improve quality of life in patients**”

Dr. Iacopo Olivotto, M.D.
Careggi Univ. & lead investigator, EXPLORER-HCM

\$4B+ 2029 NRA sales potential for mavacamten

HCM patient population **1.3M** patients¹

Significant HCM pts with obstructive disease (requiring chronic treatment) **60-70%**

Opportunity to increase diagnosis rate over time	Today	Future	% Pts Symptomatic
	20-25%	Roughly double	

Opportunity to drive significant penetration with a strong profile based on EXPLORER

Favorable landscape

- No current treatment that treats underlying condition
- No differentiated competitors on horizon
- Concentrated prescriber base at launch

+ nHCM & additional expansion indications

NRA sales in 2029:

>\$4B

Deucravacitinib's differentiated profile in psoriasis resonates with dermatologists

Based on interview & survey responses for POETYK data in psoriasis:

MOA

- Recognized as **novel**

Efficacy

- Viewed as compelling
- Comparable to first-generation biologics
- Superior to current oral therapy

Once-daily dosing

- Perceived as **more convenient** than current SOC

Safety

- Tolerable, with favorable safety profile
- Viewed as **differentiated** from JAK inhibitors
- No lab monitoring requirement is an important feature

Deucravacitinib's superior profile positioned to become oral of choice in psoriasis & may accelerate switch from topicals

~1.9M Patients



Topicals*

~0.4M Patients



Current Orals**

~0.4M Patients



Injectables

Deucravacitinib

- ✓ Superior efficacy vs Otezla
- ✓ Durable responses through 1 year
- ✓ Favorable safety & tolerability
- ✓ Ease of initiation

Source: Decision Resources Group PsO Report; Symphony Health Claims data 2020 (US); BMS Internal Estimates

Significant sales potential in moderate-to-severe psoriasis

Large patient population ~3M patients¹

Opportunity to expand systemic oral market By ~10%
e.g., through earlier discontinuation of topicals

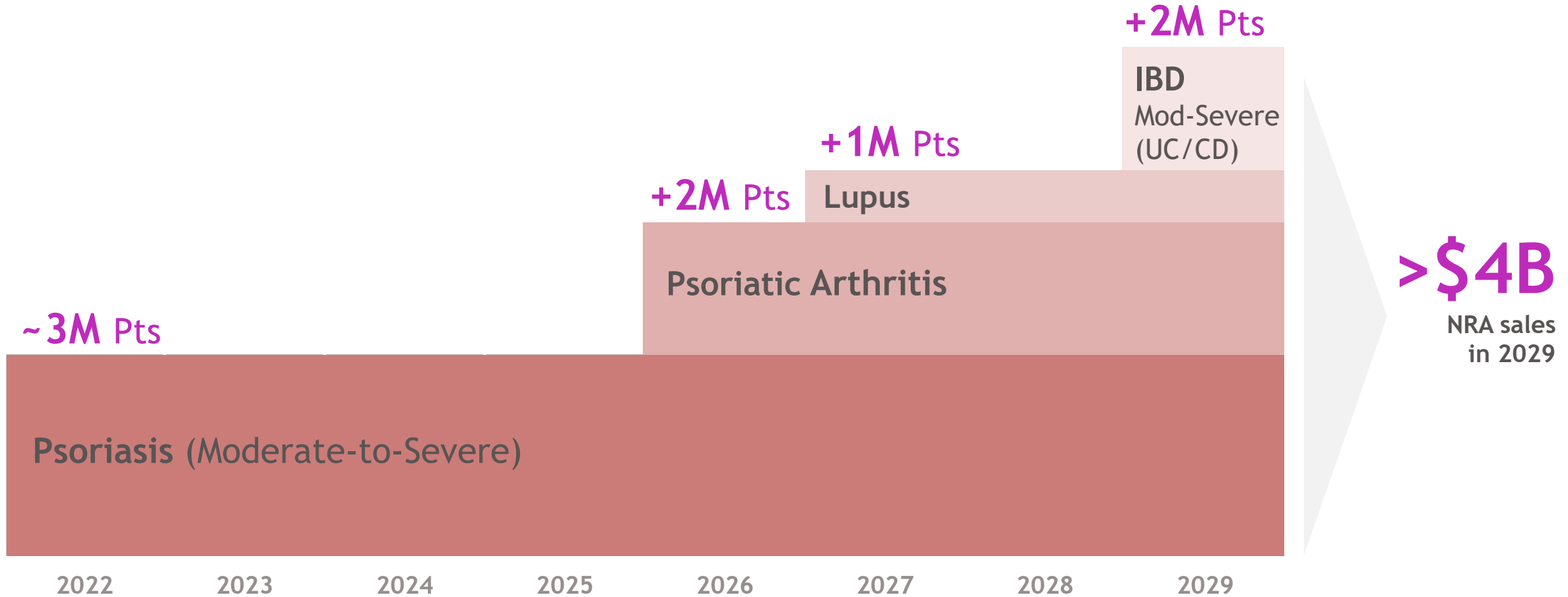
Opportunity to establish oral-of-choice **Biologic-like efficacy** superior to existing oral SoC
Favorable safety and tolerability profile

- differentiated from JAK inhibitors
- better GI profile compared to existing oral SoC

\$4B+ 2029 NRA opportunity to treat patients with immune-mediated diseases with deucravacitinib

Opportunity to become oral of choice in mod-to-severe PsO

Broaden into Rheumatology, GI & beyond



Reblozyl has \$4B+ non risk adjusted sales potential in 2029

Reblozyl[®]

(luspatercept-aamt)

for injection 25mg • 75mg

Currently approved in

- Transfusion dependent beta-thal
- 2L RS+ MDS

Opportunity to drive growth in current indications:

- Increase share in ESA refractory population
- Increase adherence
- More frequent monitoring & earlier switching from ESA failures (NCCN update)

Potential expansion opportunities:

- 1L MDS with COMMANDS
- MF and others

Important opportunity to establish Reblozyl in 2L RS+ MDS

Patient population

~8K patients¹

ESA retreatment

~50% of patients may not respond to ESAs²; there is potential to treat appropriate patients sooner

Drive adoption

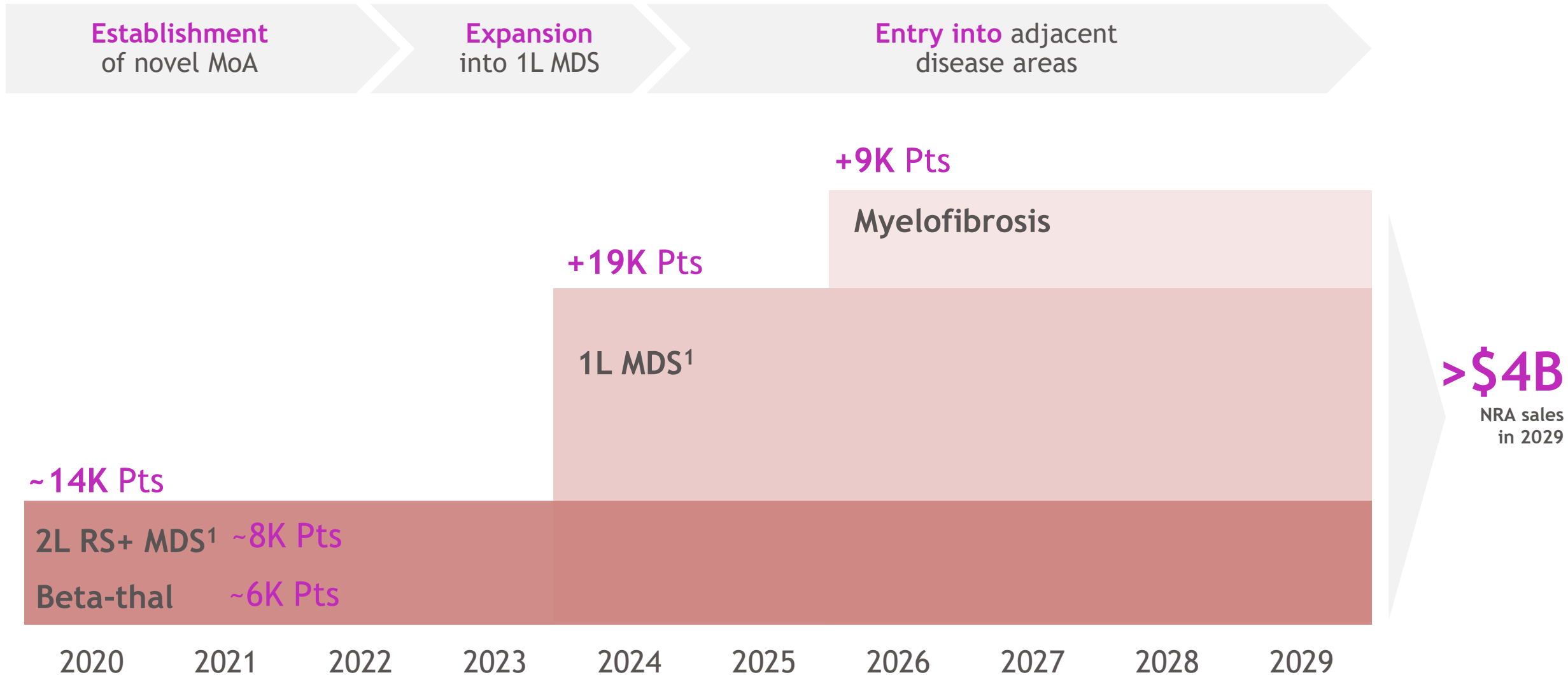
Establish a post-ESA **standard of care profile**

Address patients earlier in their treatment journey with **continued education**

Increase adherence

Demonstrated **repeated periods of transfusion independence**

\$4B+ non risk adjusted opportunity with Reblozyl in 2029



\$3B+ Non risk adjusted sales potential in 2029



Currently approved in:

- MS: #1 S1P modulator in written Rx
- UC: U.S. launch going well; positive CHMP opinion in EU

Opportunity to become the oral SOC in UC:

- Focused on increasing trialists & experience
- Step wise approach to growing & broadening access over time

Potential expansion opportunity:

- Further build presence in IBD with Crohn's disease

Significant expansion opportunities for Zeposia in UC

Large patient population

~1.1M patients¹

Drive share of oral market

Establish a new oral SOC, as first S1P modulator with strong profile:

- Biologic-like efficacy with favorable safety & tolerability profile
 - No black box warning
-

Expand oral market

Today
~8%

Future
~20%

Growing oral category over time
at the expense of biologics

Stepwise plan to grow access

Build demand

Expand access

Convert to commercial dispense

Establish Zeposia as the oral standard of care in UC

2021

Establish awareness and acceptance of new MOA

- Establish breadth & depth of trialists with differentiated oral risk/benefit profile
- Elevate patient on-boarding capabilities (e.g., patient services)

2022

Broaden access

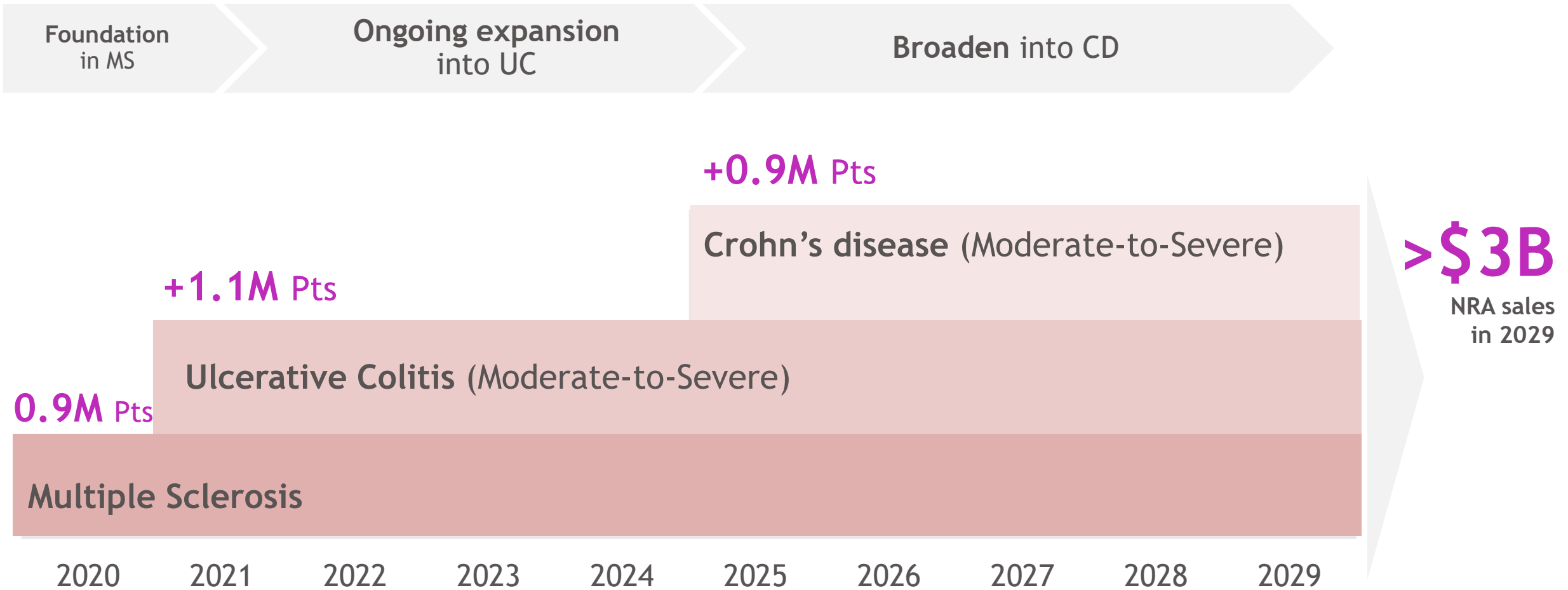
- Accelerate share uptake by establishing new class as standard of care
- Patient engagement

2023

Expand access to first line

- Increase market growth by reaching uncontrolled patients on conventional therapies
- Launch integrated strategies reinforcing long-term data

\$3B+ NRA opportunity to expand Zeposia into Crohn's Disease over time



Well positioned to unlock the full potential of Cell Therapy



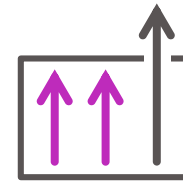
Leading Innovation

- BMS is the only company with approved first-in-class or best-in-class products for two distinct targets
- Advancing next generation technologies



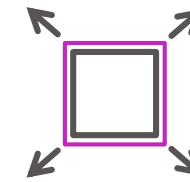
Favorable Market Dynamics

- Strong demand & physician awareness
- U.S. market primed for outpatient
- Positive trends in access and reimbursement



Unprecedented outcomes

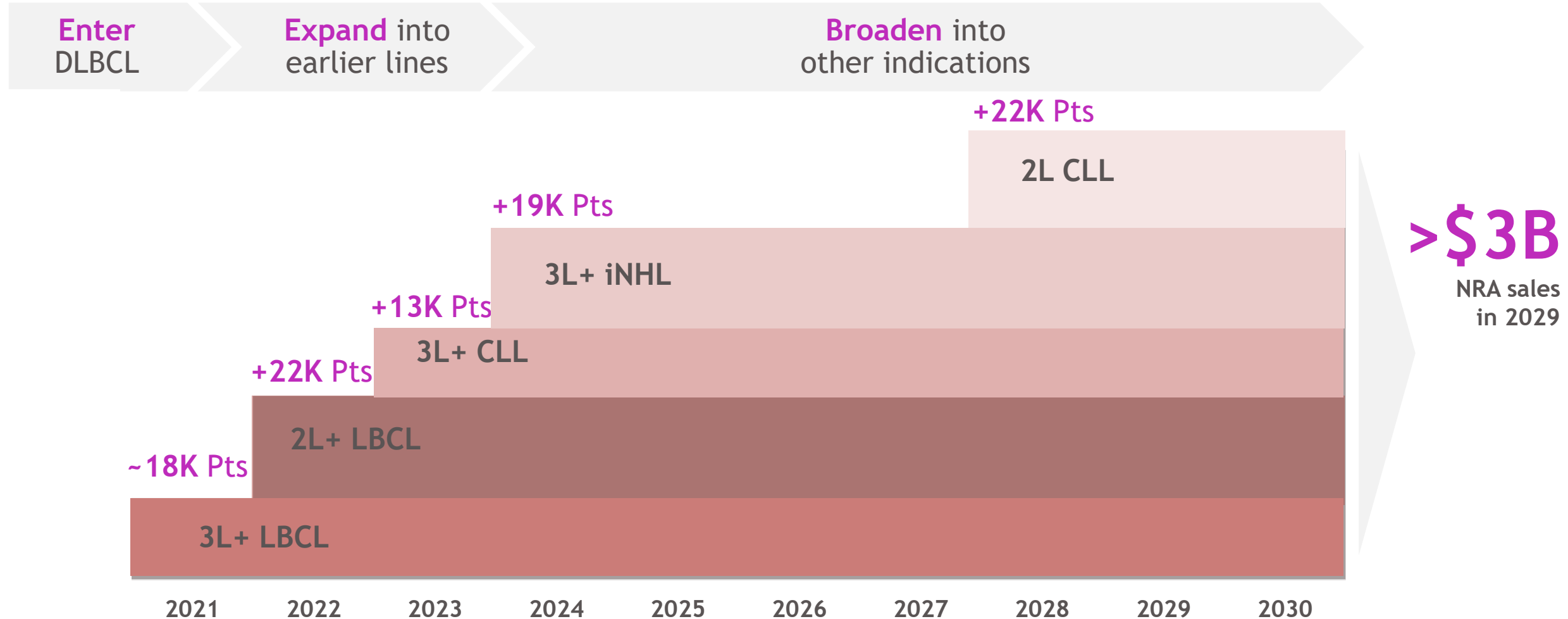
- TRANSFORM 2L LBCL further validates approach and shows the transformative nature of Cell Therapy



Scale & Experience to realize potential

- Leading oncology company with a track record of delivering
- Financial flexibility to invest in current products and next generation technologies

Breyanzi has opportunity to grow into new indications & move up in treatment paradigm



\$4B+ NRA opportunity with Rela+Nivo FDC, beginning in 2022 with metastatic melanoma

Near-term launch opportunity with Rela+Nivo FDC:

Opdivo + Yervoy

PD-1 monotherapy

BRAF MT

Near-term focus
in **metastatic**
melanoma

+ Phase 3
opportunity in
adjuvant melanoma

Additional opportunities:

NSCLC

HCC

CRC

Ongoing data
generation can inform
future expansion
opportunities

Not for Product Promotional Use

Multiple additional opportunities across therapeutic areas

\$1B+
NRA sales in 2029

 **ONUREG**[™]
(azacitidine) tablets
300mg • 200mg

 **Abecma**[®]
(idecabtagene vicleuce) SUSPENSION
FOR IV INFUSION

Key pipeline

Cardiovascular

milvexian

Immunology

cendakimab

Oncology

bempeg

MORAb-202

Hematology

iberdomide

CC-92480

BCMA TCE

+ additional expansion opportunities across multiple assets



Financial Overview

David Elkins

Chief Financial Officer

Confidence in our future

- Strong innovation engine with deep scientific expertise to replenish the portfolio
- Industry leading commercial capabilities to maximize growth by reaching more patients with unmet medical needs
- Strong execution provides confidence to deliver the full potential of our commercial brands and future pipeline & reinforces ability to navigate upcoming LOEs
- Financial strength and flexibility to further strengthen the portfolio and provide healthy return of capital to shareholders

BMS continues to execute against our commitments

Financial Expectations

- 2020-2025:
 - Low to mid-single digit revenue CAGR*
 - Low double-digit revenue CAGR for Continuing business*
- Operating margins low to mid 40%^{**}
- ~\$3B of synergies by end of 2022
- \$45B - \$50B of free-cash flow 2021-2023^{**}

On track based on 2021 guidance

2021 Key Milestones

Opdivo (+/- Yervoy)	U.S./EU expected approvals: 1L RCC (9ER) ✓, 1L GC (649, O+Chemo) ✓ adj Eso (577) ✓ adj MIBC (274) ✓
	1L Esophageal (CM-648) ✓
	Opdivo return to annual growth ✓
Relatlimab	1L Melanoma w/ Opdivo Ph3 ✓
Breyanzi	3L+ DLBCL U.S. ✓ / EU approval ³
	2L TE ✓ and TNE DLBCL
	3L+ CLL ³
Abecma	4L+ MM U.S. ¹ ✓ / EU approval ✓
Iberdomide + dex	4L+ MM Ph 1b/2a ✓
Deucravacitinib	PsO (2 nd study) Ph3 ✓ & U.S. filing ✓
	UC Ph2 (POC) ✗
Zeposia	UC U.S. ✓ / EU approval
Cendakimab	Initiation of Ph3 ✓
Factor XIa inh.	Total Knee Replacement VTEp Ph2 (POC) ✓
Mavacamten	oHCM U.S. filing ✓ & approval ²

¹Approved after 4 prior lines of therapy

²PDUFA January 28, 2022

³Expected in 2022

2022/2023 Key Milestones

Opdivo (+/- Yervoy)	<i>Metastatic</i> 1L HCC (CM-9DW)
	<i>Adjuvant</i> Neo-adj Lung EFS (CM-816) ✓ Peri-adj Lung (CM-77T)
Bempeg	1L melanoma ³ & 1L renal
Breyanzi	3L+ Follicular lymphoma
Abecma	3L+ MM (KarMMa-3) Ph3
	2L+ MM (KarMMa-2) POC
CC-92480	4L+ MM Ph1/2
CC-93269 (TCE)	Initiation of pivotal trial
Deucravacitinib	PsO U.S./EU approval
	CD & Lupus Ph2 (POC)
Zeposia	CD Ph3
Factor XIa inh.	Secondary Stroke Prevention Ph2 (POC)
Reblozyl	1L MDS (ESA naïve) COMMANDS Ph3
Ph 1/2 Pipeline	>20 POC decisions

To be expanded to include regulatory milestones pending future registrational successes

Strong execution reinforces our confidence in our financial targets



Total Company Growth & Revenue Profile

- Low to mid-single digit Revenue CAGR 2020-2025*
- Continuing Business ~90% of Total Revenue by 2025
- Launch Portfolio ~30% of Continuing Business by 2025



Revenue Replacement Power

- Low double-digit Revenue CAGR for Continuing Business 2020-2025*
- **\$25B+** NRA Revenue Potential in 2029 for Launch Brands

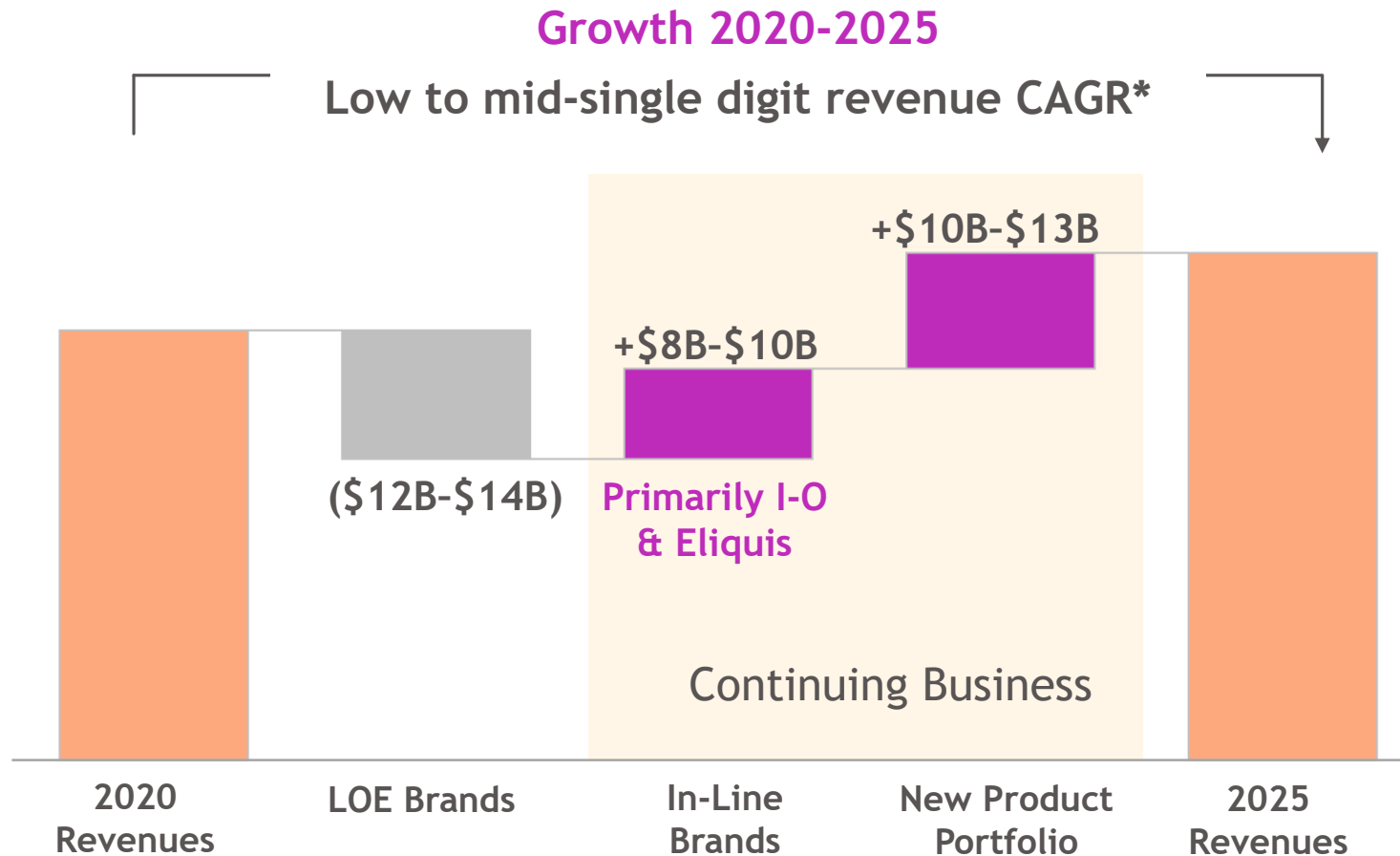


Financial Strength

- Operating Margins in low to mid-40s**
- ~\$3B of Synergies by end of 2022
- \$45 - 50B of Free Cash Flow from 2021-2023

Strong Financial Foundation and Portfolio Positioned for Growth

Continued In-Line performance and New Product Portfolio more than offsets impact from near-term LOEs



2022: Expect revenue and Non-GAAP EPS growth

By 2025, expect \$10B-\$13B risk-adjusted opportunity from new product portfolio

We expect New Product Portfolio to deliver \$10B-\$13B of risk-adjusted revenue in 2025

Significantly de-risked portfolio:

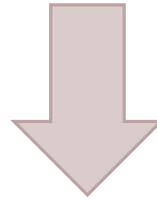
- 9 new products: 6 approved, 3 filed
- Increased confidence in expansion opportunities
 - Zeposia launch in UC
 - Breyanzi 2L+ LBCL
 - deucravacitinib PsA Ph3 underway



Path to maintaining Operating Margins



Low to mid-single digit
Total Company Revenue
CAGR from 2020 - 2025



Gross Margin decline
tempered by growth in high-
margin launch brands and I-O



Operating expenses as % sales
improves as revenue growth
outpaces expense growth

Operating Margins to remain in low to mid 40s through 2025*

Strong cash flow provides for tremendous financial flexibility

\$45B - \$50B

in free cash flow 2021-2023

Prioritizing Business Development to replenish and diversify the portfolio to drive long-term growth

Continue to execute small & mid-sized bolt-on opportunities

Strengthening the Balance Sheet to enable greater strategic and financial flexibility

Reduction of debt

Maintain strong investment-grade credit rating

Returning cash to shareholders

Continued dividend growth*

Opportunistic share repurchase

Business Development remains a top priority to complement the portfolio for long-term growth

Deals over the last 18 months



FORBIUS



A further diversified pipeline

Oncology

Hematology

Immunology

Cardiovascular

Neurology

Financial Discipline

- Significant capacity for business development - strong rating & FCF generation
- Create value by leveraging leading capabilities in most strategic therapeutic areas

Will continue to execute BD in leading scientific areas of high unmet medical need

Well positioned for future growth

- Business continues to execute well against our financial and pipeline commitments
- Strong innovation engine for continued growth into the second half of the decade
- Confident in our ability to address future LOEs
















- Financial strength and flexibility to further strengthen the portfolio and provide healthy return of capital to shareholders



Giovanni Caforio

Board Chair and Chief Executive Officer

Opportunity for franchise durability and growth across all four key therapeutic areas

	Oncology	Hematology	Immunology	Cardiovascular
Inline Brands	 	  		
New Products	<div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #ADD8E6;">rela+nivo FDC*</div>	    	 <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #90EE90;">deucravacitinib*</div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #D2B48C;">mavacamten*</div>
Next Wave	<div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #ADD8E6;">bempeg</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #ADD8E6;">MORAb-202 (FRα ADC)</div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #FFDAB9;">iberdomide</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #FFDAB9;">CC-92480</div> <div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #FFDAB9;">BCMA TCE (CC-93269)</div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #D3D3D3;">cendakimab</div>	<div style="border: 1px solid black; border-radius: 10px; padding: 5px; background-color: #D3D3D3;">milvexian</div>

Robust early-stage pipeline with 50+ assets in development

Multiple exciting milestones ahead

2022 Key Milestones

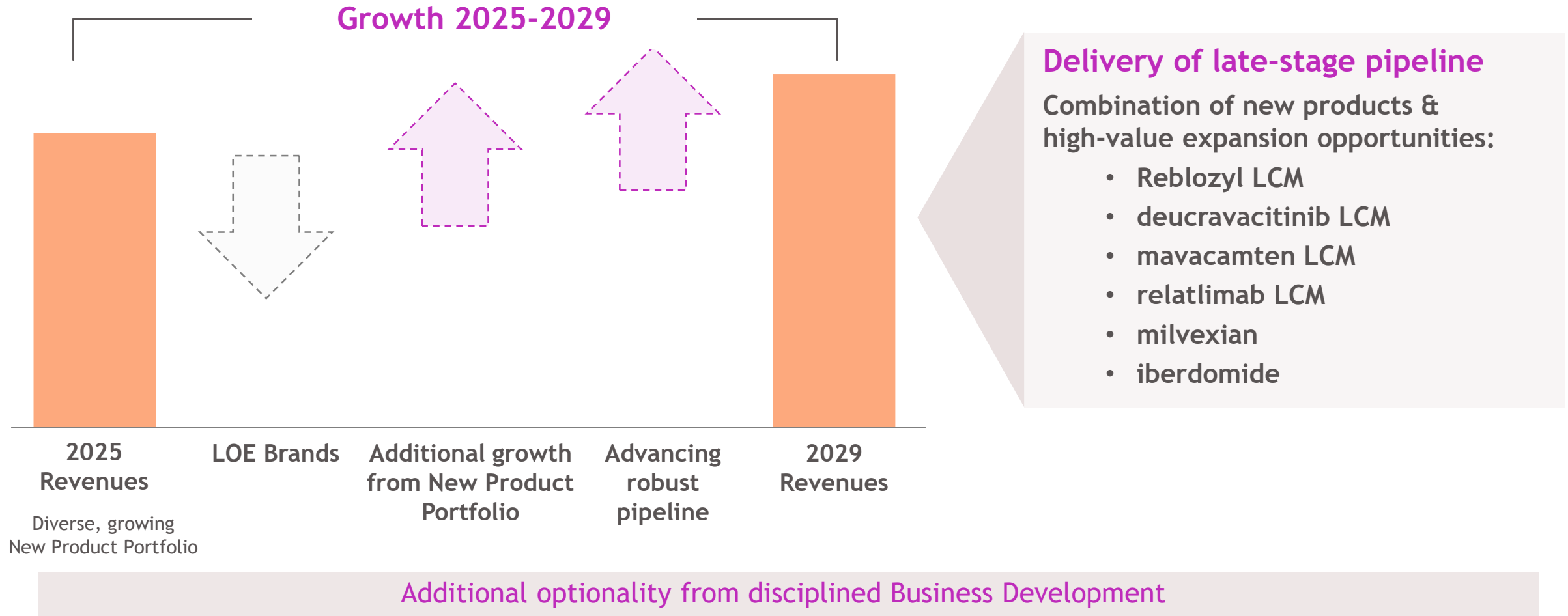
Opdivo (+/- Yervoy)	Metastatic: 1L ESCC (CM-648) approval Early-stage: Neo-adj lung EFS (CM-816) approval	Abecma	2L+ MM (KarMMa-2) Ph2 (POC)	mavacamten	oHCM approval SRT (VALOR) Ph3 Initiation of Ph3 in nHCM
relatlimab	1L melanoma approval Initiation Ph3 1Llung (CA224-095)	CC-92480	4L+ MM Ph1/2	milvexian	SSP Ph2 (POC)
bempeg	1L melanoma/1L renal/1L bladder	deucravacitinib	PsO U.S. approval SLE Ph2 (POC)		
Breyanzi	3L+ LBCL EU approval 3L+ CLL (TRANSCEND-CLL) Ph2	cendakimab	AD Ph2 (POC)		

2023/2024 Key Milestones

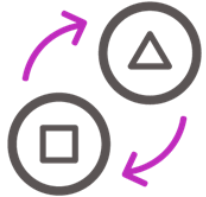
Opdivo (+/- Yervoy)	Metastatic: 1L CRPC (CM-7DX) 1L HCC (CM-9DW)	relatlimab	2L HCC (POC)	deucravacitinib	PsO EU approval PsA Ph3 CD & DLE Ph2 (POC) 2 nd Ph2 in UC IM011-127
	Early-stage: Adj. HCC (CM-9DX) Adj. RCC (CM-914) Peri-adj Lung (CM-77T) Peri-adj MIBC (CM-078) Adj. NSCLC (ANVIL, co-op group)	bempeg	Neo-adj. CIS-ineligible MIBC	cendakimab	EoE Ph3
		Breyanzi	3L+ FL TRANSCEND Ph2	Zeposia	CD Ph3 Induction/Maintenance
		Abecma	3L+ MM (KarMMa-3) Ph3	mavacamten	HFpEF Ph2 EMBARK (POC)
		CC-93269	Initiation of pivotal trial		
		iberdomide	Initiation of NDMM Ph3 H2H vs. Rev		
		CC-92480	Initiation of Ph3 triplet 2L+ MM (w/ Vd, Kd)		
		Reblozyl	1L MDS (ESA naïve) COMMANDS Ph3 MF INDEPENDENCE Ph3		

New Product Portfolio and pipeline provide multiple pathways to growth from 2025 to 2029

New product portfolio and pipeline products will continue to provide revenue replacement power, offsetting Eliquis and I-O LOEs



Well positioned for the near-term and long-term



Confident in our ability to navigate upcoming LOEs



Significant growth potential from new product portfolio



Exciting pipeline with differentiated first and/or best-in-class assets



Strong cash flow and balance sheet strength support ability to execute disciplined business development

Strong position to grow and renew our business

Investor Meeting Q&A



Giovanni Caforio

Board Chair and
Chief Executive Officer



Chris Boerner

Chief
Commercialization
Officer



David Elkins

Chief Financial
Officer



Samit Hirawat

Chief Medical Officer,
Global Drug Development
















Rupert Vessey

President, Research &
Early Development



Appendix

Active Clinical Development Portfolio

	Phase 1				Phase 2			Phase 3	Marketed
Oncology	AHR Antagonist (Ikena) ²	Anti-NKG2A	CD3xPSCA (GEMoab) ²	TIGIT Bispecific	Anti-CTLA-4 NF	BET Inhibitor ¹ (CC-90010)	bempegal- desleukin	 	
	Anti-CCR8	Anti-OX40	IL-12 Fc	TGFβ Inhibitor	Anti-CTLA-4 Probody	farletuzumab - eribulin ADC	linrodostat		
	Anti-CTLA-4 NF-Probody	Anti-TIM3	motolimod		Anti-Fucosyl GM1	LSD1 Inhibitor ¹	subcutaneous nivolumab		
	Anti-IL-8	AR LDD	STING Agonist		Anti-TIGIT		relatlimab ¹		
Hematology	A/I CELMoD (CC-99282)	BCMA NKE	ROR1 CAR T	CD33 NKE	A/I CELMoD (CC-92480)	BET Inhibitor (BMS-986158)	iberdomide	       	
	CK1α CELMoD	BCMA TCE	BCMA NEX T	CD47xCD20					
	GSPT1 CELMoD (CC-90009)	BCMA CAR T (bb21217)	CD19 NEX T	Anti-SIRPα ¹					
	BCMA ADC	GPRC5D CAR T	BET Inhibitor ¹ (CC-95775)						
Cardiovascular	FXIa Inhibitor	FPR-2 Agonist	Cardiac Myosin Inhibitor	ROMK Inhibitor	danicamtiv	FA-Relaxin	milvexian (FXIa Inhibitor)	mavacamten	
Immunology	Anti-CD40	afimetonan (TLR 7/8 Inhibitor)	TYK2 Inhibitor		branebrutinib	MK2 Inhibitor	deucravacitinib	 	
	IL2-CD25	Imm. Tolerance (Anokion) ²			iberdomide	S1PR1 Modulator	cendakimab		
Fibrosis	NME				HSP47	LPA ₁ Antagonist			
Neuroscience	Anti-Tau (Prothena) ²	BTK Inhibitor	FAAH/MGLL Dual Inhibitor	eIF2b Activator					
COVID-19					SARS-CoV-2 mAb Duo				

Data as of November 16, 2021

¹ In development for solid tumors and hematology
² BMS has an exclusive option to license and/or option to acquire

Abbreviations

ACC	American College of Cardiology	DLBCL	Diffuse Large B-Cell Lymphoma	MM	Multiple Myeloma	RR	Relapsed Refractory
ACR	American College of Rheumatology	DLE	Discoid Lupus Erythematosus	MR	Minimal Response	RS	Ring Sideroblasts
ACS	Acute Coronary Syndrome	EADV	European Academy of Dermatology and Venereology	MS	Multiple Sclerosis	SAE	Serious Adverse Event
AD	Atopic Dermatitis	EFS	Event Free Survival	MSI-H	High Microsatellite Instability	SC	Subcutaneous
ADC	Antibody Drug Conjugate	EoE	Eosinophilic Esophagitis	MTD	Maximum Tolerated Dose	sCR	Stringent Complete Response
Adj	Adjuvant	ESA	Erythropoietin Stimulating Agents	NE	Not Evaluable	SCT	Stem Cell Transplant
AE	Adverse Event	ESCC	Esophageal Squamous Cell Carcinoma	nHCM	Non-Obstructive Hypertrophic Cardiomyopathy	SD	Stable Disease
AFIB	Atrial Fibrillation	FDC	Fixed Dose Combination	NKE	Natural Killer Cell Engager	SLE	Systemic Lupus Erythematosus
AHA	American Heart Association	FL	Follicular Lymphoma	NRA	Non-Risk Adjusted	SoC	Standard of Care
AML	Acute Myeloid Leukemia	GAAP	Generally Accepted Accounting Principles	NRI	Nonresponder Imputation	sPGA	Static Physicians Global Assessment
AR-LDD	Androgen Receptor Ligand Degradator	GC	Gastric Cancer	NSCLC	Non-Small Cell Lung Cancer	SRT	Septal Reduction Therapy
ASH	American Society of Hematology	HCC	Hepatocellular Carcinoma	NSQ	Nonsquamous	SSP	Secondary Stroke Prevention
A-Thal	Alpha Thalassemia	HFpEF	Heart Failure w/ Preserved Ejection Fraction	NTD	Non-Transfusion Dependent	TCE	T-Cell Engager
BCMA	B-Cell Maturation Antigen	IBD	Inflammatory Bowel Disease	NYHA	New York Health Association	TD	Transfusion Dependent
BID	Twice a Day	IMiD	Immunomodulatory Drugs	OAC	Oral Anticoagulant	TE	Transplant Eligible
B-Thal	Beta Thalassemia	IND	Investigational New Drug	oHCM	Obstructive Hypertrophic Cardiomyopathy	TEAE	Treatment Emergent Adverse Events
CAD	Coronary Artery Disease	iNHL	Indolent Non-Hodgkin's Lymphoma	ORR	Overall Response Rate	TKR	Total Knee Replacement
CAGR	Compound Annual Growth Rate	I-O	Immuno-Oncology	PAD	Peripheral Artery Disease	TNE	Transplant Non-Eligible
CAR T	Chimeric Antigen Receptor Therapy	ITT	Intent to Treat	PASI	Psoriasis Area and Severity Index	TNFi	Tumor Necrosis Factor Inhibitor
CBR	Clinical Benefit Rate	LBCL	Large B-Cell Lymphoma	PD	Progressive Disease	UC	Ulcerative Colitis
CD	Crohn's Disease	LOE	Loss of Exclusivity	PDUFA	Prescription Drug User Fee Act	VGPR	Very Good Partial Response
CELMoD	Cereblon E3 Ligase Modulator	LVOT	Left Ventricular Outflow Tract	POC	Proof of Concept	VTEp	Venous Thromboembolism Prevention
CLL	Chronic Lymphocytic Leukemia	mCRPC	Metastatic Castration-Resistant Prostate Cancer	PR	Partial Response		
CR	Complete Response	MDS	Myelodysplastic Syndrome	PsA	Psoriatic Arthritis		
CRC	Colorectal Cancer	mDSD	modified Daily Symptom Diary	PsO	Psoriasis		
CRS	Cytokine Release Syndrome	Mel	Melanoma	QD	Once Daily		
CTA	Clinical Trial Application	MF	Myelofibrosis	RCC	Renal Cell Carcinoma		
DCR	Disease Control Rate	MIUC	Muscle Invasive Urothelial Cancer	RP2D	Recommended Phase 2 Dose		