Autolus

# Q4 2024 Financial Results and Business Updates

20 March 2025

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# Agenda

- Welcome and Introduction: Amanda Cray, ED, Investor Relations & External Communications
- Operational Highlights: Dr. Christian Itin, CEO
- Financial Results: Rob Dolski, CFO
- Upcoming Milestones and Conclusion: Dr. Christian Itin, CEO
- Q&A: Dr. Christian Itin and Rob Dolski

# 2025 Key Objectives

Execution in 2024 set us up to achieve objectives

**Execute Launch**

- Execute on successful commercial launch of AUCATZYL® both in the U.S. and expanding into new markets

**Drive growth**

- Establish the next wave of investments to expand the obe-cel opportunity, advance our clinical pipeline and drive future growth
  - R&D event, April 23, 2025

# Autolus executed to plan in 2024

Focused on commercial launch and pipeline opportunities in 2025

**AUCATZYL US launch**

- AUCATZYL approved by the FDA for the treatment of adult patients with relapsed and refractory B-cell acute lymphoblastic leukemia on November 8, 2024 ($30m milestone from Blackstone)
- AUCATZYL added to National Comprehensive Cancer Network® (NCCN) added to its Clinical Practice Guidelines in Oncology (NCCN Guidelines®)
- Commercial launch progresses on track; 33 centers authorized as of March 19, 2025, reaching more than 60% of the target patient population
- Expect to reach 60 centers by end 2025 (c.90% of target patient population)

**Obe-cel in r/r adult B-ALL**

- FELIX data published in New England Journal of Medicine (Dec 2024)
- Regulatory decisions from MHRA and EMA expected H2 2025
- Submitted obe-cel for appraisal by the U.K. National Institute for Health and Care Excellence (NICE)
- Data presentations at key medical meetings in 2H 2024 continued to build upon on FELIX safety and durability data, highlighted health economic cost model, rationale for tumor burden-guided dosing, and impact of deep molecular remissions on clinical outcomes

# FELIX trial published in New England Journal of Medicine[1]

Favourable response rate and tolerability, despite challenging patient population

**High overall response rate with deep molecular responses**

- Durable responses, particularly in patients with a low-to-intermediate bone marrow burden

| Response by disease status at lymphodepletion | Overall Remission Rate (CR/CRi) |
|---|---|
| All patients (n=127) | 77% |
| Morphological disease (n=91) | 75% |
| Measurable residual disease (n=29) | 96% |
| Isolated extramedullary disease (n=7) | 71% |

**Excellent tolerability profile**

- Very low rates of high-grade immunotoxicities
- No high-grade events in low disease burden patients

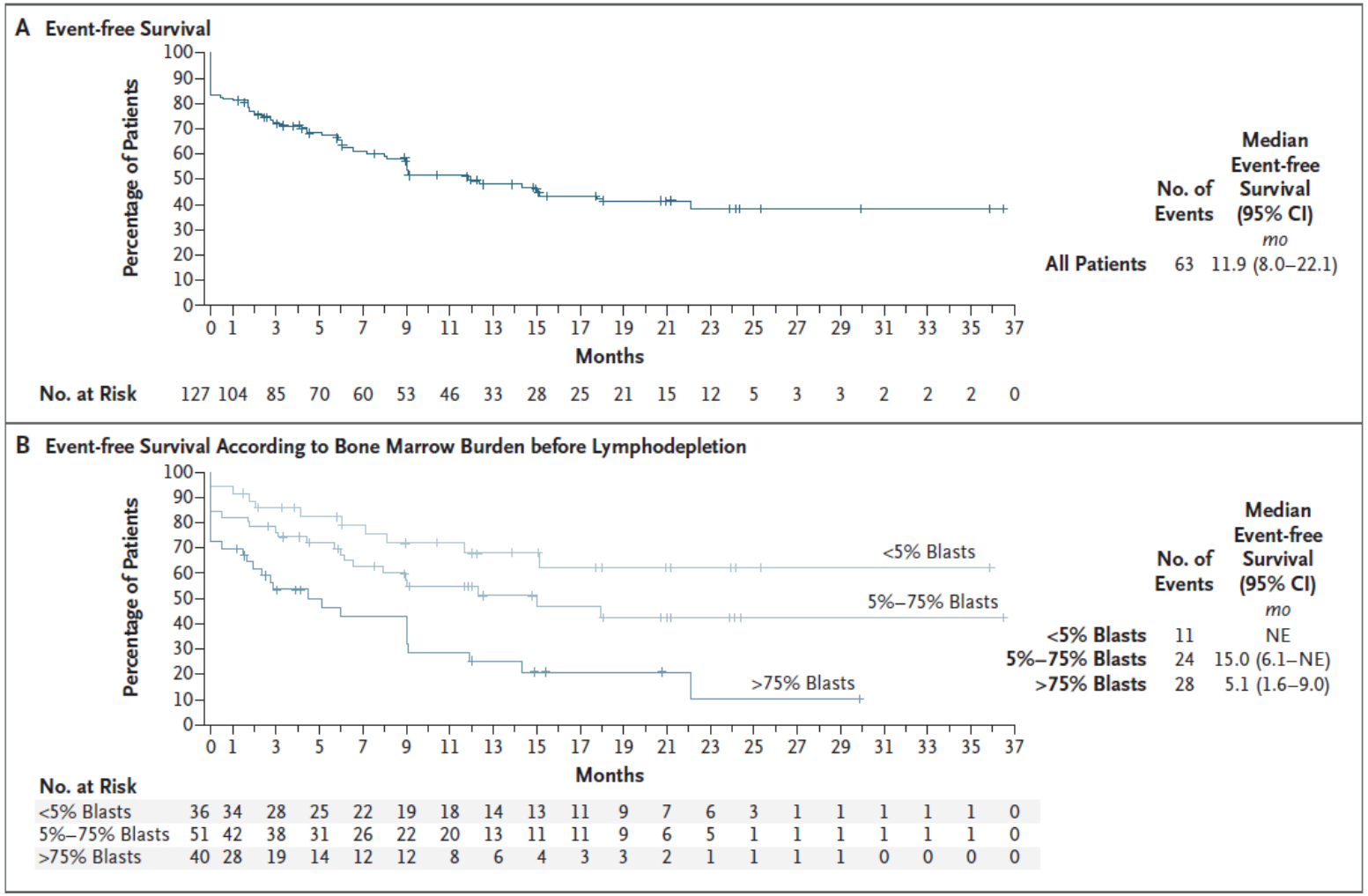
| Safety by disease burden at lymphodepletion | Grade ≥3 CRS | Grade ≥3 ICANS |
|---|---|---|
| All patients (n=127) | 2% | 7% |
| >75% Blasts (n=40) | 2% | 12% |
| 5-75% Blasts (n=51) | 4% | 8% |
| <5% Blasts (n=36) | 0% | 0% |

1. Roddie C, et al "Obecabtagene autoleucel in B-cell acute lymphoblastic leukemia" N Engl J Med 2024; DOI: 10.1056/NEJMoa2406526

# FELIX trial: Tumor burden impact on event-free survival in adult ALL

Survival outcomes show potential of long-term plateau with 12-month EFS rates 49.5%

- In all patients, the median EFS was 11.9 months
- Lower disease burden at lymphodepletion was associated with better outcomes

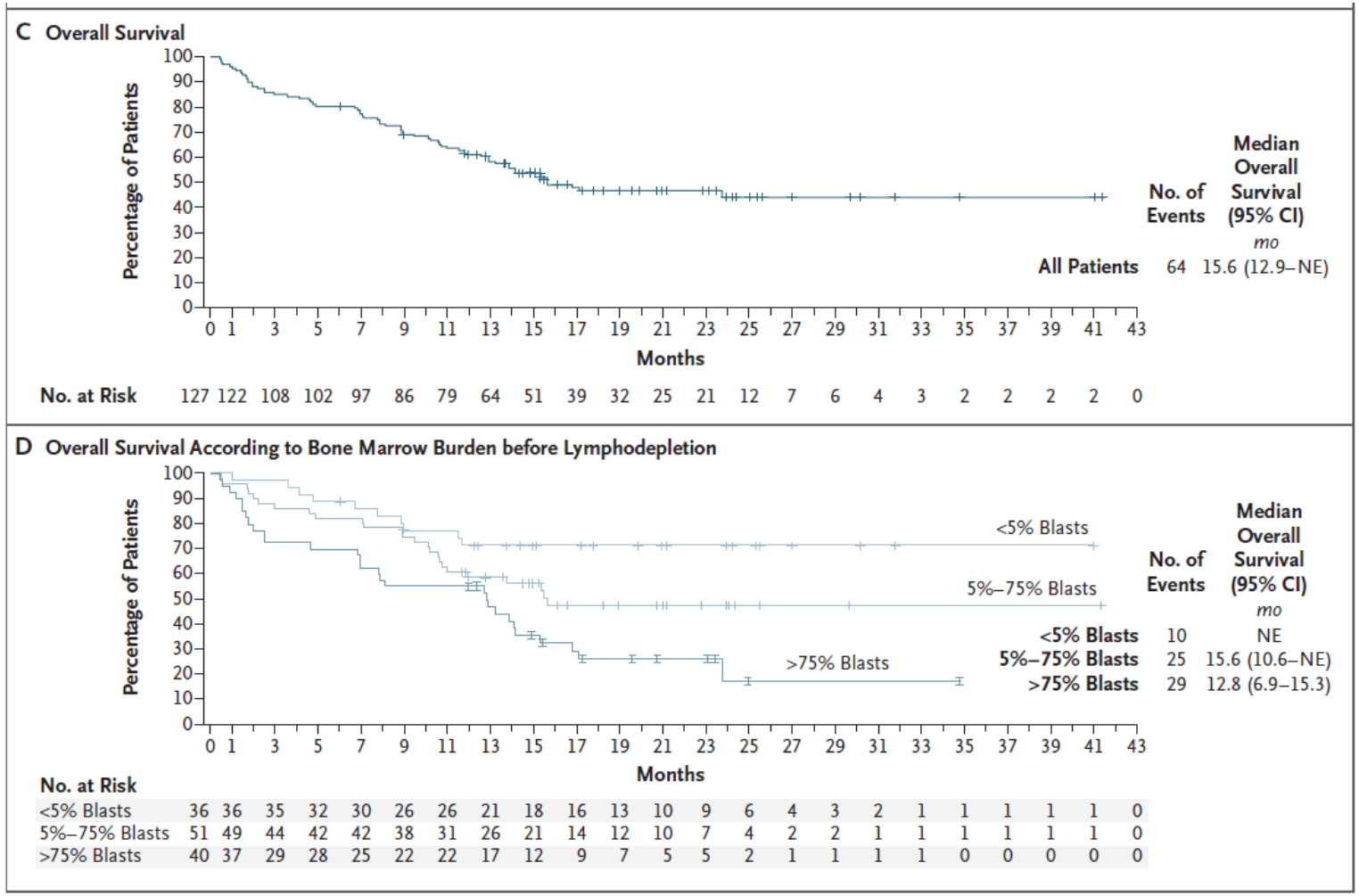



1. Roddie C, et al "Obecabtagene autoleucel in B-cell acute lymphoblastic leukemia" N Engl J Med 2024; DOI: 10.1056/NEJMoa2406526

# FELIX trial: Tumor burden impact on overall survival in adult ALL

Estimated 6- and 12-month overall survival rates were 80.3% and 61.1%, respectively

- In all patients, the median OS was 15.6 months
- Lower disease burden at lymphodepletion was associated with better outcomes




1. Roddie C, et al "Obecabtagene autoleucel in B-cell acute lymphoblastic leukemia" N Engl J Med 2024; DOI: 10.1056/NEJMoa2406526

# Early Momentum in the AUCATZYL® Launch

## 33 Treatment Centers Authorized as of 3/19/25


- 30 centers covering 60% of target population completed ahead of plan
- End of 2025 target: ~60 centers covering 90% of population

https://www.autolusassist.com/find-a-treatment-center/

## Patient Access is on Track

**>85% of total U.S. medical lives covered**

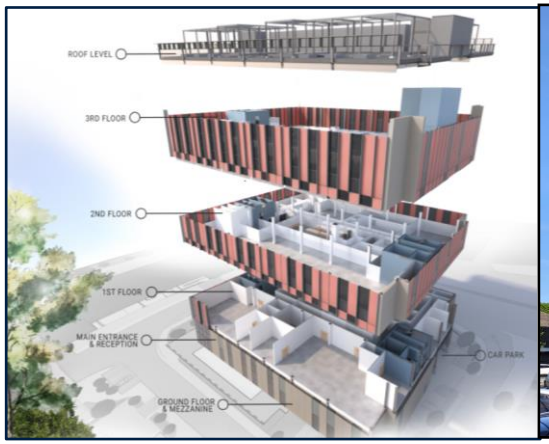
- Anticipated payor mix: approximately 60% commercial and 40% government/other
- Temporary codes in place until permanent Q code is issued mid-year

# The Nucleus: Manufacturing facility supports commercial execution

State of the art design and in-house operations established – groundbreaking to complete validation in 2 years

- Designed for 2,000+ batches per year
- Timeline to validation reduced by ~60% compared to prior CAR T facilities
- Target vein to delivery 16 days at launch

**Design**




**Build**

**Operations**

**2021** | **2022** | **2023** | **2024**

**Nov 8**
Groundbreaking

**2022-2023**
Construction & Validation

**Q4**
BLA submission to FDA

**Q2**
MHRA GMP certificate

**Nov 8**
FDA approval

**Purpose-built facility can be efficiently replicated as supply demands increase**

# Expanding the obe-cel opportunity

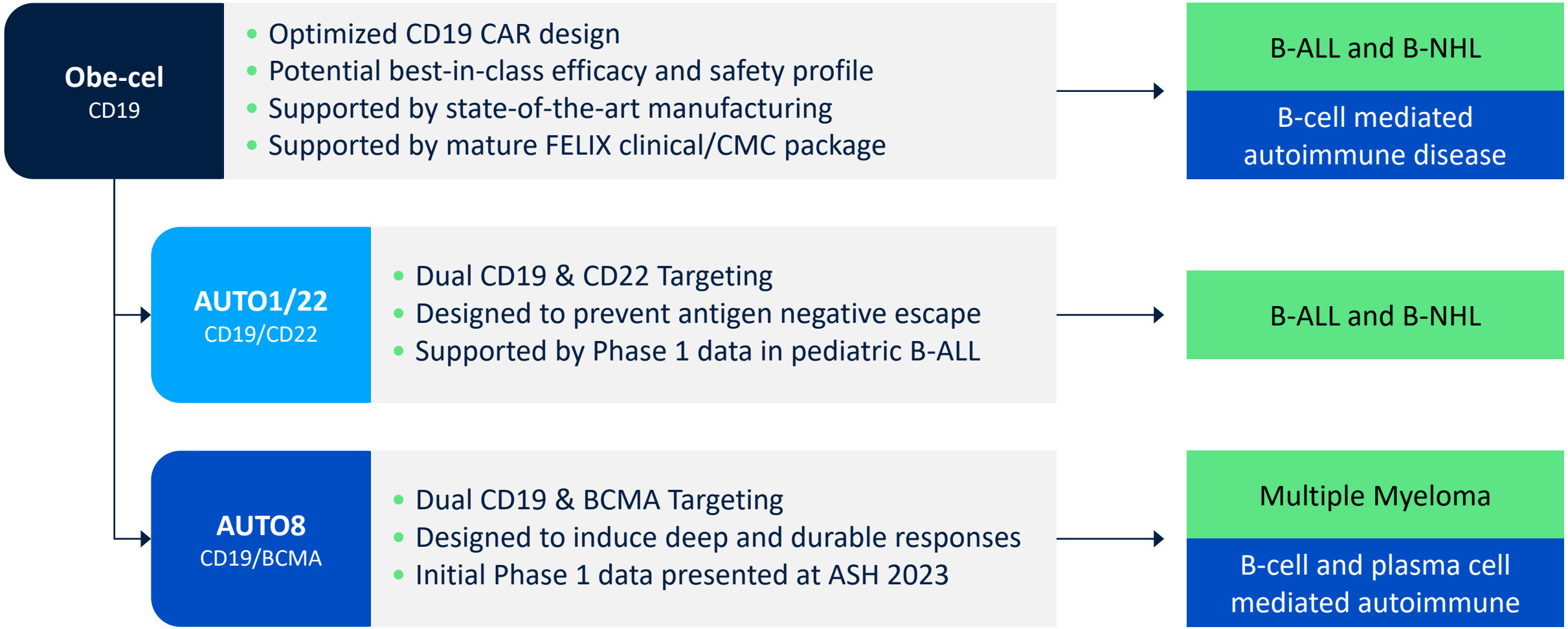
Deep value program with potentially broad applicability

# Growth drivers for obe-cel

Updates to be provided at R&D event in New York, April 23, 2025

| | |
|---|---|
| **Autoimmune** | • Phase 1 dose confirmation study (CARLYSLE) in SLE ongoing<br>• All six patients dosed<br>• Initial data to be presented at R&D event on April 23, 2025<br>• H2 2025 for presentation of full data with longer term follow-up |
| **Hem-oncology** | • Initial data from PY01 trial of obe-cel in pediatric ALL H2 2025 |
| **Early pipeline** | • AUTO8 & AUTO6NG progressing<br>• Clinical programs update planned for R&D event |

# The obe-cel product family and franchise opportunity



# Financial Results

# Financial summary – Key Metrics*

| USD ($' 000) | FY 2024 | FY 2023 | Variance |
|---|---|---|---|
| **Cash, cash equivalents and marketable securities** | 588,023 | 239,566 | 348,457 |
| | | | |
| **Total revenue, net** | 10,120 | 1,698 | 8,422 |
| | | | |
| **Cost and operating expenses:** | | | |
| Cost of sales | (11,387) | - | (11,387) |
| Research and development expenses, net | (138,436) | (130,481) | (7,955) |
| Selling, general and administrative expenses | (101,086) | (46,745) | (54,341) |
| **Loss from operations** | **(241,426)** | **(179,701)** | **(61,725)** |
| | | | |
| **Net loss** | **(220,844)** | **(208,383)** | **(12,461)** |

*Select metrics only; for full financials please refer to the Company's 10-K filing

# Upcoming news flow

# Autolus news flow

| Anticipated Milestone or Catalyst | Anticipated Timing |
|---|---|
| **Initial data from SLE Phase 1 trial** | **April 23** |
| **Company R&D event, New York** | **April 23** |
| **Initial data from PY01 trial in pediatric ALL** | **H2 2025** |
| **Notification from UK and EU regarding approval in ALL** | **H2 2025** |
| **SLE Phase 1 trial presentation at medical conference** | **H2 2025** |

**Oncology** **Autoimmune**

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# Thank you