



Fourth Quarter and Full Year 2024 Financial and Operating Results

February 19, 2025



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This presentation, which includes the accompanying oral presentation, contains forward-looking statements that involve substantial risks and uncertainties. Any statements in this presentation about future expectations, plans and prospects for Krystal Biotech, Inc. (together with its subsidiaries and affiliates, the “Company”), including but not limited to statements about the Company’s U.S. commercial launch of VYJUVEK®, including long-term growth prospects; the Company’s expectations and beliefs regarding its efforts to bring B-VEC to market in Europe and Japan, including expected timing of marketing approvals and commercial launches; the potential of the Company’s HSV-1 based gene delivery platform technology; the Company’s plans to disclose data readouts from clinical studies of certain of its pipeline products; the Company’s expectations regarding reimbursement approvals for VYJUVEK; the Company’s beliefs about the timing of commencement of, and top-line readout from, its planned registrational Phase 3 study of KB803 for the treatment of ocular complications of DEB; estimated financial measures, including the Company’s 2025 non-GAAP combined R&D and SG&A expense guidance; and other statements containing the words “anticipate”, “believe”, “estimate”, “expect”, “intend”, “may”, “plan”, “predict”, “project”, “target”, “potential”, “likely”, “will”, “would”, “could”, “should”, “continue” and similar expressions, constitute forward-looking statements within the meaning of The Private Securities Litigation Reform Act of 1995. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including: uncertainties associated with regulatory review of manufacturing processes and clinical trials and the content and timing of decisions made by regulatory authorities; the uncertainties inherent in the initiation and conduct of clinical trials; availability and timing of data from clinical trials; whether results of early clinical trials will be indicative of the results of ongoing or future trials; the availability or commercial potential of product candidates; and such other important factors as are set forth in the Company’s filings with the U.S. Securities and Exchange Commission. The forward-looking statements included in this presentation represent the Company’s views as of the date of this presentation and should not be relied upon as representing the Company’s views as of any subsequent date. While the Company may elect to update these forward-looking statements, it specifically disclaims any obligation to do so.

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Other than VYJUVEK, all products described in this presentation are investigational therapies.

The Company is using the Aerogen Solo® Nebulizer System and Aerogen® Ultra in its clinical trials evaluating KB407, KB408, and inhaled KB707.

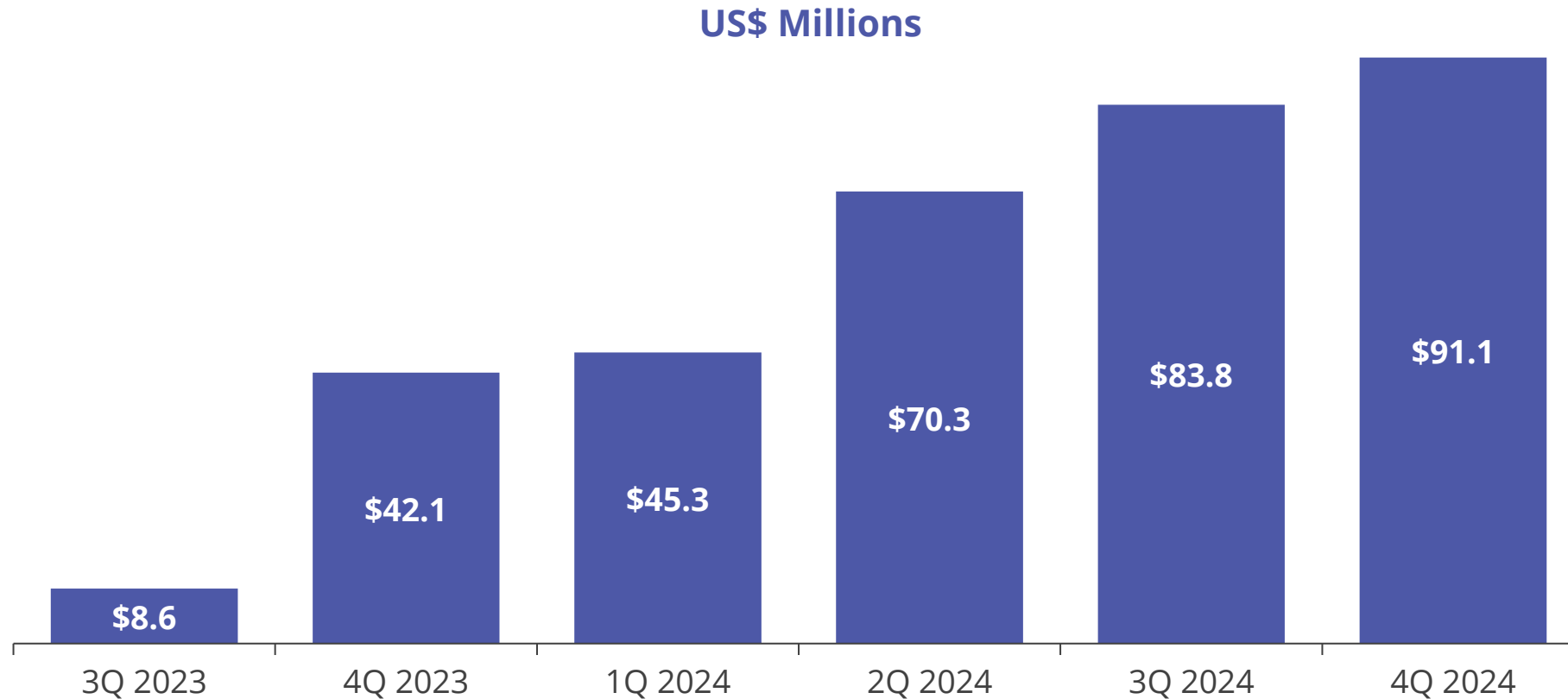
Drivers of Long-Term Sustainable Growth

- VYJUVEK launch delivers rapid revenue growth
 - Over \$290M in net US VYJUVEK revenue in 2024 and over \$341M since launch in Q3 2023
 - Steady pace of new reimbursement approvals underpins long-term growth in the U.S.
 - Growth trajectory bolstered by Europe and Japan launches in 2025 and B-VEC for eye lesions in 2026
- Recent clinical achievements highlight potential of Krystal's HSV-1 platform and set up near-term catalysts
 - Successful KB408 and inhaled KB707 readouts validate lung as second target tissue
 - Upcoming: Full AATD and CF Phase 1 readouts, ophthalmic B-VEC Phase 3, aesthetics and oncology updates
- Profitable launch delivering six straight quarters positive EPS and strong balance sheet with \$749.6M in cash*
- Lead aesthetics program entering Phase 2 later this year and Jeune management team buildout underway

AATD, alpha-1 antitrypsin deficiency; B-VEC, beremagene geperpavec; CF, cystic fibrosis; EPS, earnings per share; HSV-1, herpes simplex virus type 1

* Cash includes all cash, cash equivalents, and investments

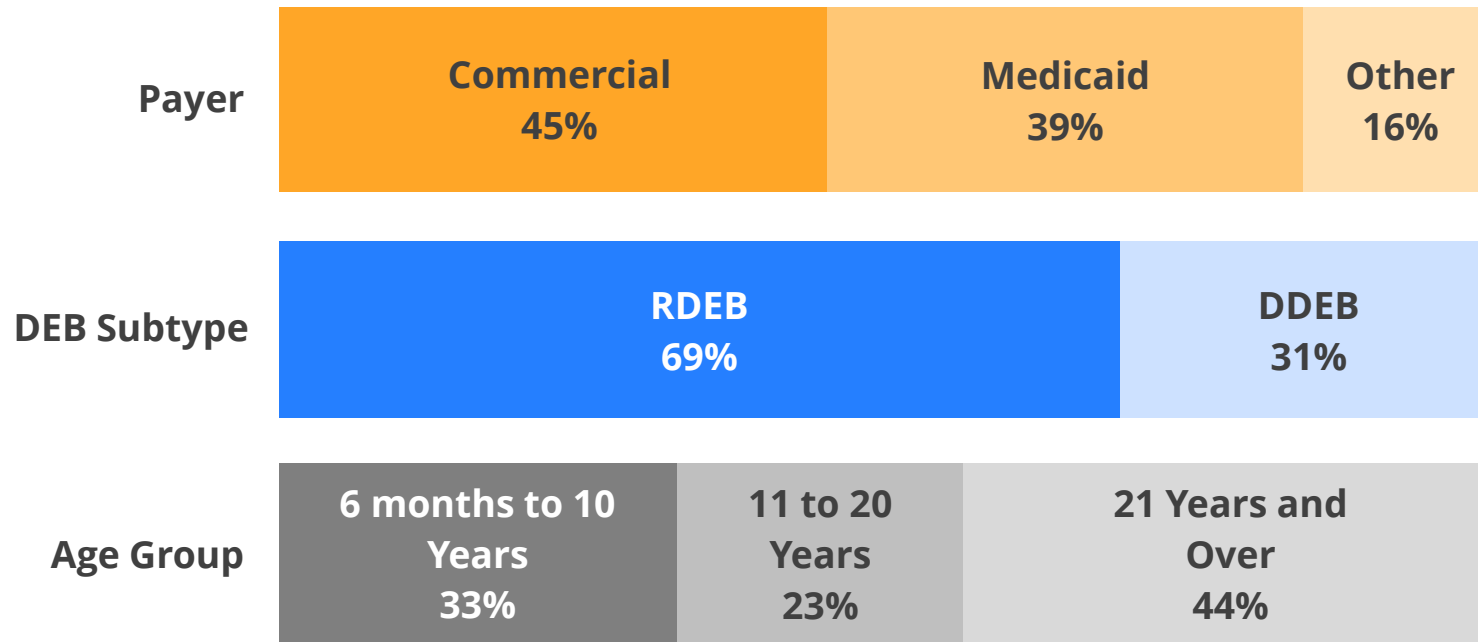
Over \$341M in VYJUVEK Revenue Since Launch



- Over \$290M in revenue in 2024 | Gross margin of 95% in 4Q | Gross to net in 4Q was 16%

Over 510 Reimbursement Approvals as of February 2025

Reimbursement Approval Splits



Percentages may not total 100% due to rounding

85%

Compliance to Weekly
Therapy While on Drug
As of 4Q 2024

97%

Dosing in Home Setting
As of February 2025

All reauthorization requests either approved or in process
97% of covered lives under commercial and Medicaid plans with positive access

Field Tactics are Driving Sustained Demand and Expanding Prescriber Base

New Promotional Material Highlighting Long-Term OLE Data

- Reinforces key message of durable corrective benefit with regular application of VYJUVEK gel

Vyjuvek®
beremagene eparvovec-drlf
SOP 191101-0101-001-010

Clinical Data Demonstrates Long-term Efficacy and Safety of VYJUVEK

The only corrective therapy that addresses the genetic cause of DEB to provide durable wound healing in a topical gel.^{1,2}

Exposure in the Open Label Extension (OLE) study was substantially longer than the Phase 3 study without any new safety signals²

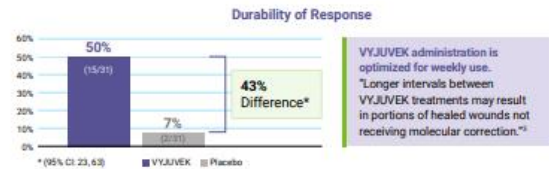
	Phase 3 Baseline	End of Phase 3	End of OLE
Small thigh wound, adult female			
Medium knee wound, pediatric male			
Large back wound, adult male			

Photos Courtesy of Paller AS, et al. 2024.

INDICATION AND USAGE
VYJUVEK is a topical gel indicated for the treatment of wounds in patients 6 months of age and older with dystrophic epidermolysis bullosa (DEB) with mutation(s) in the collagen type VII (COL7A1) gene.
Please see Important Safety Information throughout and [click here](#) for full Prescribing Information.

Scan this code to access the Phase 3 study.
To get your patient started visit VYJUVEKhcp.com.

Demonstrated Durability³
In the GEM-3 study at both 3 and 6 months, complete wound healing was seen in 50% of wounds treated with VYJUVEK vs. 7% of wounds treated with placebo.²



Among rollover patients, reassessment of wounds treated in the Phase 3 study was consistent with continued efficacy and durable wound closure.²

IMPORTANT SAFETY INFORMATION
WARNINGS AND PRECAUTIONS (cont'd)
Wear protective gloves when assisting subjects with changing wound dressings and handling the disposal. In the event of accidental exposure (eg, through a splash to the eyes or mucous membranes), flush with clean water for at least 15 minutes.
Please see Important Safety Information throughout and [click here](#) for full Prescribing Information.

Prescriber and Patient Engagement

- National broadcast during EB Awareness Week featuring Dr. John Browning and patient ambassador attended by **over 60** prescribers
- Multiple patient webinars with advocacy partners on real-world experience

Vyjuvek®
beremagene eparvovec-drlf
SOP 191101-0101-001-010

Prescribing Information
Important Safety Information

Join us for a presentation about VYJUVEK®

Join us for a virtual presentation about VYJUVEK, the first and only treatment that addresses the genetic cause of dystrophic epidermolysis bullosa (DEB) to provide powerful wound healing in a topical gel.¹
VYJUVEK is indicated for the treatment of wounds in patients 6 months of age and older with DEB with mutation(s) in the collagen type VII (COL7A1) gene.
VYJUVEK was studied in GEM-3, an intra-patient, randomized, double-blind, multicenter, phase 3 confirmatory study that evaluated its efficacy and safety. The primary endpoint of the study was complete wound healing (100% closure) at 6 months. 65% of wounds treated with VYJUVEK healed completely at 6 months compared to 25% of wounds treated with placebo.²
Please see Important Safety Information Below.

Presented Virtually By:

John Caleb Browning, MD, FAAD, FAAP
President, Texas Dermatology and Laser Specialists

Event Date: Tuesday, October 29th, 2024
Event Time: 4:00 PM PT | 5:00 PM MT
6:00 PM CT | 7:00 PM ET

Over 65% new prescribers in 4Q

Poised for Significant Global Expansion in 2025

Europe

Over 1,000
Diagnosed DEB
Patients in France
and Germany Alone



Japan

Over 500
Estimated DEB
Patients in Japan

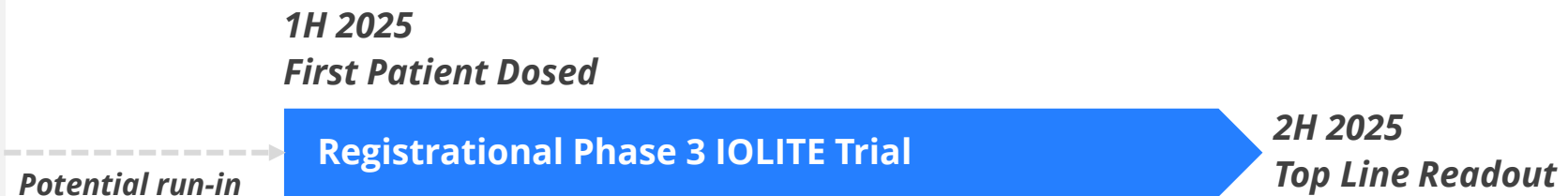


EU CHMP opinion anticipated in 1Q 2025 | PMDA approval anticipated in 2H 2025

Expedited Path to Top-Line Data for KB803 in Ocular Complications of DEB

Ongoing: Natural History Study in DEB Patients

- Prospectively collecting data on frequency of corneal abrasions in DEB patients
- May also serve as run-in for patients eligible to participate in Phase 3
- Approximately 50 DEB patients enrolled to date
- Study remains open for enrollment



Recent KB408 Readout Underscores Potential of HSV-1 in the Lung

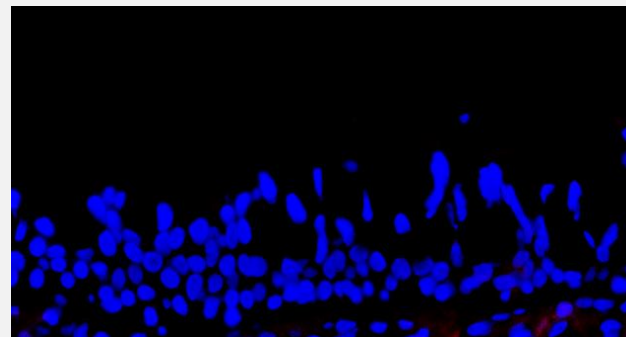
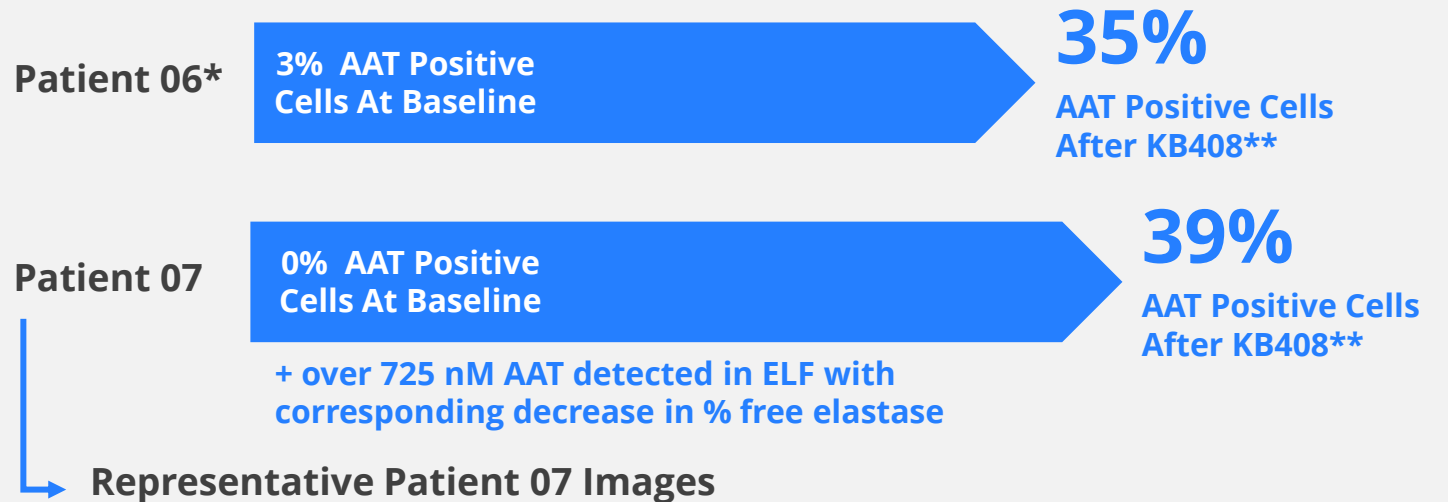
Well tolerated in all seven KB408 dosed patients to date

- ✓ No serious adverse events or dose-limiting toxicities observed
- ✓ All KB408-related adverse events reported have been mild-to-moderate and transient

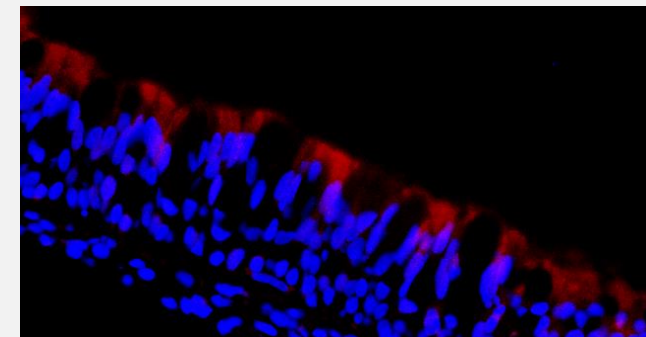
* On background augmentation; **Based on quantification of DAPI positive and DAPI + AAT co-positive cells lining the conducting airways of the lung by immunofluorescence; 3-4 biopsies assessed for post-dose DAPI + AAT co-positive cell quantification, total cell counts > 300 per patient

AAT, alpha-1 antitrypsin; DAPI, 4',6-diamidino-2-phenylindole; ELF, epithelial lining fluid; HSV-1, herpes simplex virus type 1

Over a third of airway cells in both patients were positive for AAT after a **single** KB408 dose



Baseline



After KB408

AAT
DAPI

KB407 on Track for Molecular Data in Cystic Fibrosis Patients Later This Year

All Key Preclinical Criteria for KB407 Have Been Met

1. Airway Epithelial Cell Tropism
2. Full-Length and Properly Localized CFTR Payload
3. CFTR Functionality Demonstrated in Multiple Models
4. Single and Repeat Dose Tolerability in NHPs
5. Broad and Sustained *In Vivo* Expression in NHP Lungs

**KB407 Phase 1 CORAL-1 Protocol
Now Fully Sanctioned by CFF TDN**



Both single and repeat KB407 well tolerated in Cohorts 1 and 2 of CORAL-1 Phase 1

- ✓ No serious adverse events or dose-limiting toxicities observed
- ✓ All KB407-related adverse events reported have been mild-to-moderate and transient
- ✓ No evidence of significant neutralizing antibody response following KB407 administration
- ✓ No systemic vector distribution after inhalation, based on blood and urine analysis

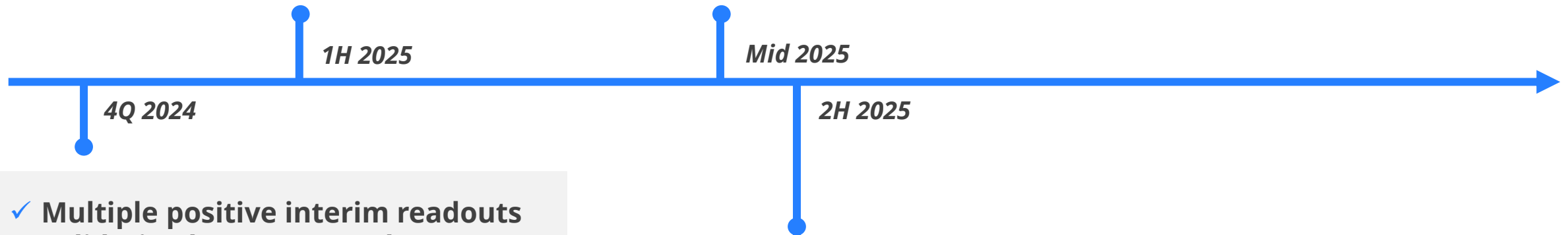
Interim readout from Cohort 3 including bronchoscopy data expected mid 2025

Building on Our Clinical Momentum in 2025

Molecular data with KB407 and registrational KB803 study start over the next six months

- First patient dosed in Phase 3 study evaluating KB803 (ophthalmic B-VEC) for ocular DEB complications

- Top-line readout from KB407 Phase 1 for cystic fibrosis including molecular data from Cohort 3 patients



- ✓ Multiple positive interim readouts validating lung as second target tissue for Krystal
- ✓ Early evidence of monotherapy activity with inhaled KB707 in patients with advanced lung cancer
- ✓ CFF TDN sanctioning of KB407

Multiple additional milestones expected before year end

- Top-line data from KB803 Phase 3 for ocular DEB complications
- Interim readout from KB304 Phase 1 for aesthetic indications
- Additional molecular data from Cohorts 2 and 3 from KB408 Phase 1
- First patient dosed in KB301 Phase 2 for dynamic wrinkles of the décolleté

Fourth Quarter and Full Year 2024 Financial Highlights

Cash and investments: \$749.6 million as of December 31, 2024

(\$ in millions; except per share data)	Three Months Ended December 31		Twelve Months Ended December 31	
	2024	2023	2024	2023
Product revenue, net	\$91.1	\$42.1	\$290.5	\$50.7
Cost of goods sold	\$4.9	\$2.9	\$20.1	\$3.1
R&D expenses	\$13.5	\$11.4	\$53.6	\$46.4
SG&A expenses	\$31.3	\$24.8	\$113.7	\$98.4
Stock-based compensation expense	\$13.4	\$9.9	\$49.1	\$39.9
Net income	\$45.5	\$8.7	\$89.2	\$10.9
Net income per share (basic)	\$1.58	\$0.31	\$3.12	\$0.40
Net income per share (diluted)	\$1.52	\$0.30	\$3.00	\$0.39

Non-GAAP R&D and SG&A Expense Guidance for Full Year 2025 of \$150M to 175M*

GAAP, generally accepted accounting principles; R&D, research and development; SG&A, selling, general, and administrative expenses

*Non-GAAP combined R&D and SG&A Expense guidance does not include stock-based compensation as we are currently unable to confidently estimate Full Year 2024 stock-based compensation expense. As such, we have not provided a reconciliation from forecasted non-GAAP to forecasted GAAP combined R&D and SG&A Expense in the above. This could materially affect the calculation of forward-looking GAAP combined R&D and SG&A Expenses, as it is inherently uncertain.

Expecting a Catalyst Rich 2025

- ❑ EU CHMP opinion expected in 1Q 2025 and first European launch around mid 2025
- ❑ Top-line readout from Phase 1 Cohort 3 evaluating KB407 in CF patients around mid 2025
- ❑ Molecular data from Phase 1 Cohorts 2 and 3 evaluating KB408 in AATD patients in 2H 2025
- ❑ First Phase 1 data for second aesthetic candidate KB304 encoding elastin in 2H 2025
- ❑ Japan PMDA approval decision in 2H 2025
- ❑ Top-line data from Phase 3 evaluating KB803 for ocular complications of DEB in 2H 2025



Developing Genetic Medicines to Treat Diseases with High Unmet Medical Needs