



Corporate Overview

Developing New Therapies *for* Rare Respiratory Diseases

October 2024



Safe Harbor Statement

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MOLBREEVI and aPAP ClearPath are trademarks of Savara. All other trademarks included herein are the property of the owners thereof and are used for reference purposes only.

Executive Leadership Team

Matthew Pauls, J.D., M.B.A.
Chair & Chief Executive Officer

Anne Erickson
Chief Business Officer

Dave Lowrance
*Chief Financial &
Administrative Officer*

Braden Parker, M.B.A.
Chief Commercial Officer

Ray Pratt, M.D. FACP
Chief Medical Officer

Rob Lutz, M.B.A.
Chief Operating Officer

Yasmine Wasfi, M.D., Ph.D.
*EVP, Head of Clinical
Operations/Development*

Sid Advant, Ph.D.
*EVP, Global Technical
Operations*

Near- and Long-Term U.S. Market Opportunity in aPAP is Sizeable

~3,600 Current U.S. TAM of confirmed diagnosed patients

\$300K-\$500K Orphan rare disease potential pricing power

~3,700 Large pool of likely patients that are currently undiagnosed

Multiple Patents currently being prosecuted

12-years Biologic exclusivity in U.S. upon approval

Long-term Durable revenue stream with biosimilar competition unlikely



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Potential
U.S. Opportunity

aPAP and MOLBREEVI* (molgramostim inhalation solution)

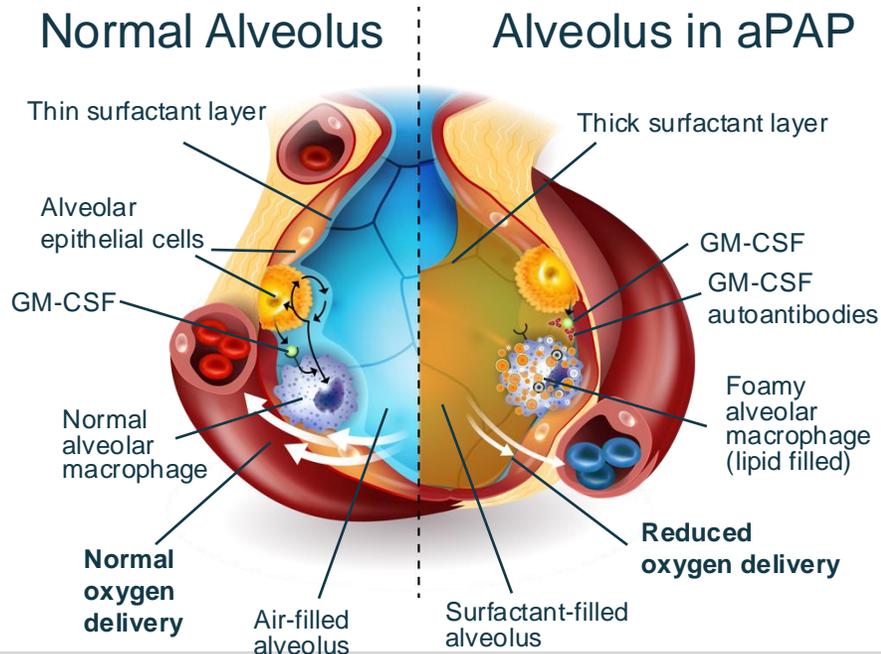
**FDA and EMA conditionally accepted trade name for molgramostim inhalation solution*

aPAP: An Autoimmune Disease of Alveolar Macrophage Dysfunction

NORMAL LUNG FUNCTION

Alveoli need surfactant to keep from collapsing

GM-CSF is critical for alveolar macrophage function and allows for alveolar surfactant homeostasis, structure, function, and host defense

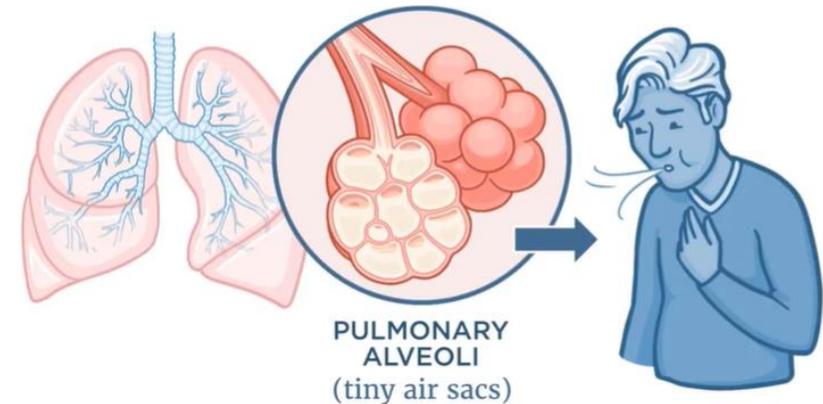


aPAP

Rare lung disease caused by GM-CSF autoantibodies which block GM-CSF signaling and reduce surfactant clearance. This results in:

Surfactant accumulation that blocks movement of oxygen from the alveoli into the blood

Reduced blood oxygenation results in difficulty breathing and, ultimately, hypoxemic respiratory failure



aPAP is a Rare, Long-Term, Chronic Disease

Progressive Shortness of Breath



- Gas exchange in the lungs is impaired and patients may experience shortness of breath
- At first it occurs upon exertion, but as disease progresses, it can occur even when a person is at rest

Cough and Episodes of Fever



- Cough, sputum production, and episodes of fever, especially if secondary lung infection develops

Fatigue, Decreased Exercise Tolerance



- Fatigue and significantly reduced exercise capacity can dramatically impact the simplest of daily activities, e.g., getting winded walking up a flight of stairs

Fibrosis and Lung Transplant

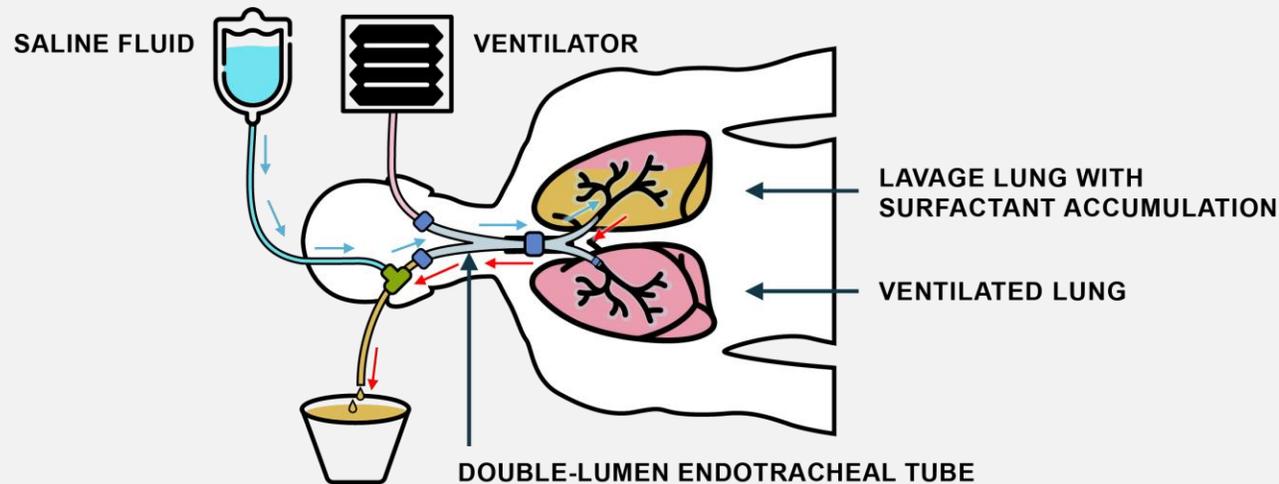


- In the long-term, the disease can lead to serious complications, including fibrosis, and may lead to the need for lung transplantation

**There are no approved drugs for the treatment of aPAP.
Only option is a lung lavage, an invasive procedure.**

- A lung lavage physically removes excess surfactant from the lungs and requires hospitalization
- Performed under general anesthesia
- Unavailable at many medical institutions

A Lung Lavage is an Invasive Procedure Performed in a Tertiary Center and is Not Standardized



Requires insertion of double-lumen endobronchial tube for lung separation

Treated lung is repeatedly filled with up to 15-50L of saline and then drained by gravity

Patient is percussed to emulsify the surfactant sediment

Saline is drained by gravity and continued until lavage fluid becomes clear

Sources: 1: Campo, Assessment and Management of PAP in a Reference Center, Orphanet Jour. of Rare Dis., 2013; 2: Campo, Nat. History of PAP Data from Italian Nat. Reference Center, ERJ, 2019.; Seymour, J. J. Pulmonary alveolar proteinosis: Progress in the First 44 Years, Am. J. Respir. Crit. Care Med, 2002. 3: Udhwadia, Jain. NEJM (2007) 357:19, 4 McCarthy, Autoimmune Pulmonary Alveolar Proteinosis, Amer. Journal of Respiratory and Critical Care Med., 2022.

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Savara Investigational Drug-Device Treatment for aPAP

- Once daily 300 μg inhaled MOLBREEVI
- Proprietary eFlow[®] Nebulizer System (PARI)
 - Optimized for MOLBREEVI administration
 - Well-established manufacturer of devices used for inhalation therapy
 - 5 FDA approved nebulizers based on eFlow[®] Technology



Phase 3 IMPALA-2 Top Line Results

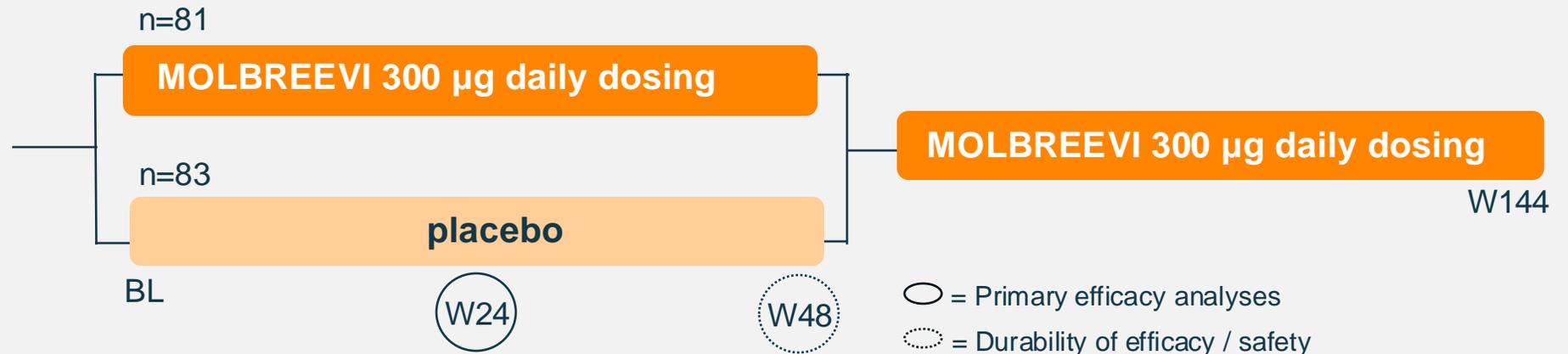
Phase 3 IMPALA-2 Trial Design

Period 1: Double-blind (top line)

Period 2: Open-label (ongoing, not part of top line results)

6-Week Screening

- DLCO \leq 70% predicted at first screening and baseline
- Change in % predicted DLCO <15% points to ensure stably impaired patients



PRIMARY ENDPOINT

- Change from baseline in DLCO at W24

SECONDARY ENDPOINTS

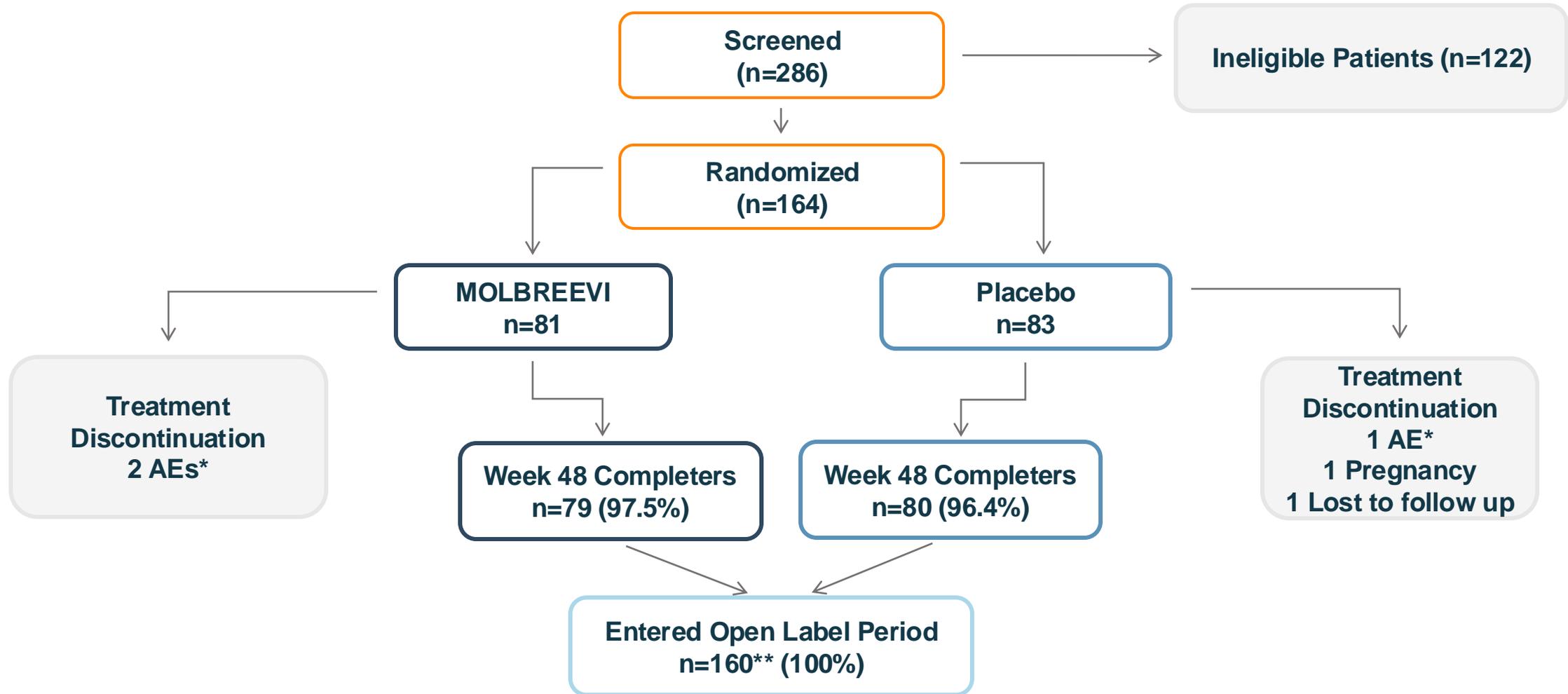
Change from baseline in:

- DLCO at W48
- SGRQ Total Score at W24 and W48
- SGRQ Activity Score at W24 and W48
- Exercise Capacity at W24 and 48

Discontinuations in Double-Blind Period Were Low: 3%

Participation in Open Label Period Was High: 100% of Double-Blind Period Completers

IMPALA-2 PATIENT DISPOSITION



*Not considered trial drug related

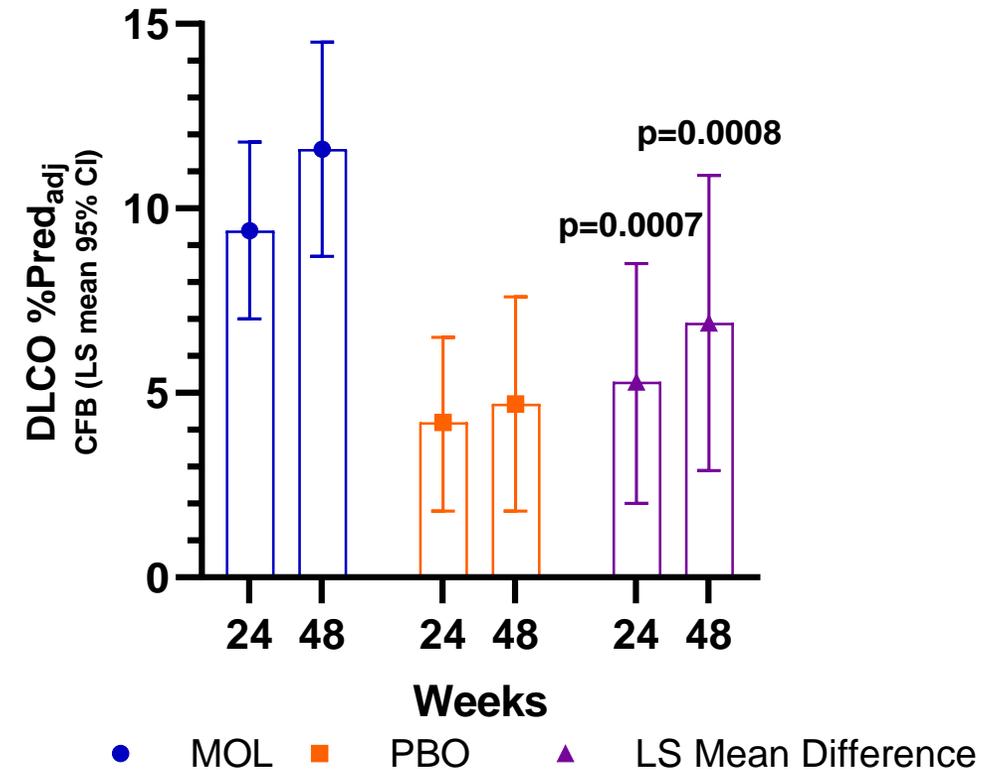
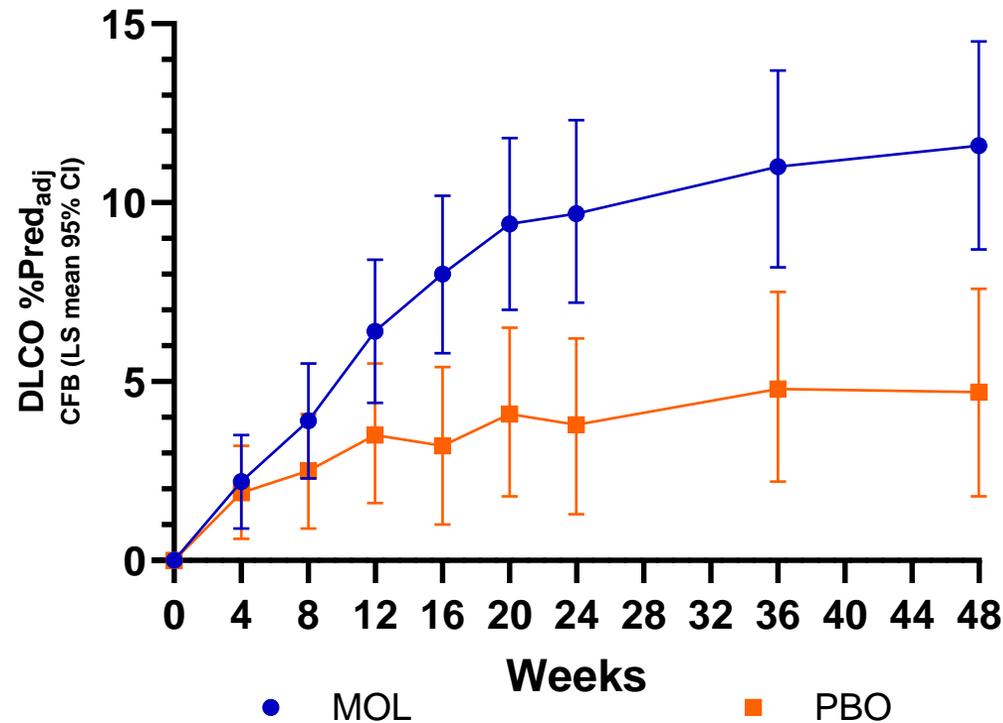
**One placebo patient stopped blinded trial drug but continued trial participation through Week 48 and entered the open label period

Demographics Were Well-Balanced Across Treatment Groups

| | | MOLBREEVI N=81 | Placebo N=83 |
|----------------------------------|---------------------------|-------------------|-----------------|
| Age years | Mean (SD) | 50.8 (13.03) | 48.4 (12.69) |
| Sex n (%) | Male | 44 (54.3) | 54 (65.1) |
| | Female | 37 (45.7) | 29 (34.9) |
| Race n (%) | White | 38 (46.9) | 40 (48.2) |
| | Asian | 36 (44.4) | 37 (44.6) |
| | Black or African American | 3 (3.7) | 2 (2.4) |
| | Other | 4 (4.9) | 4 (4.8) |
| DLCO at baseline | Mean (SD) | 52.6 (11.71) | 52.6 (10.39) |
| DLCO stratification group | ≤ 50% | 31 (38.3) | 32 (38.6) |
| | > 50% | 50 (61.7) | 51 (61.4) |

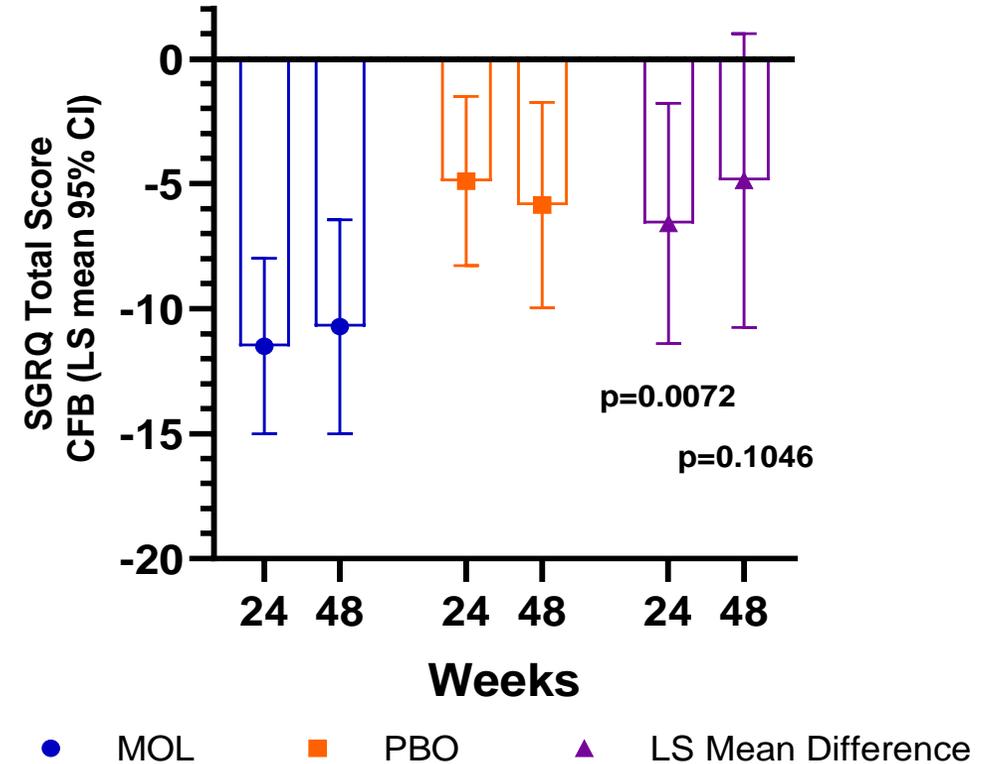
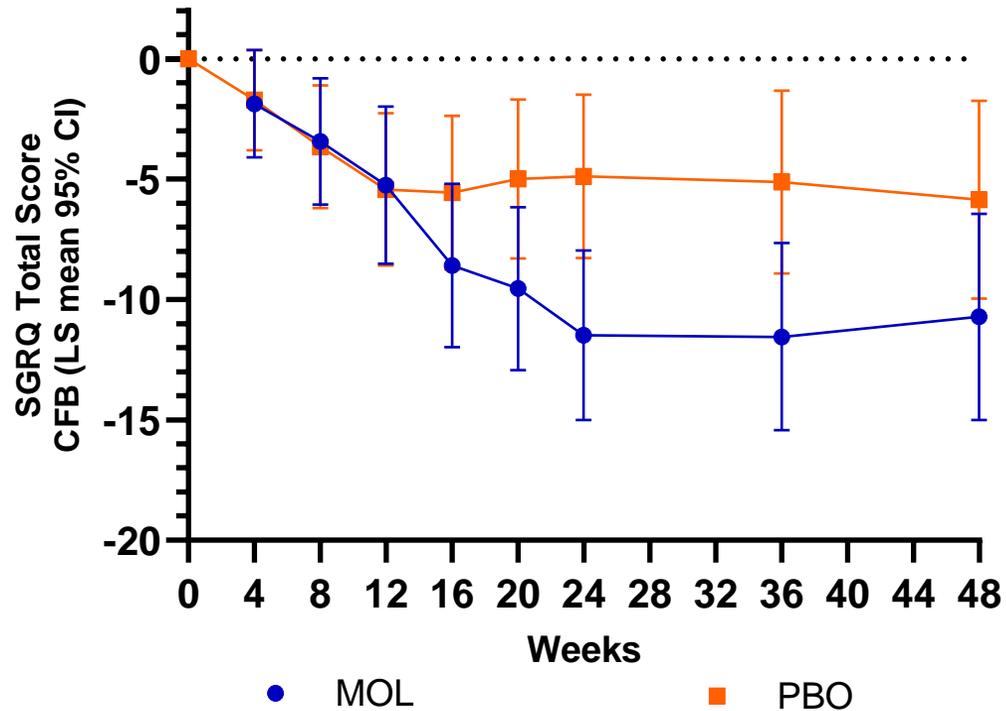
Primary Endpoint Met (DLCO): Achieved Statistical Significance

MOLBREEVI Superior to Placebo on Change From Baseline in DLCO at W24 (Primary Endpoint) and W48 (Secondary Endpoint)



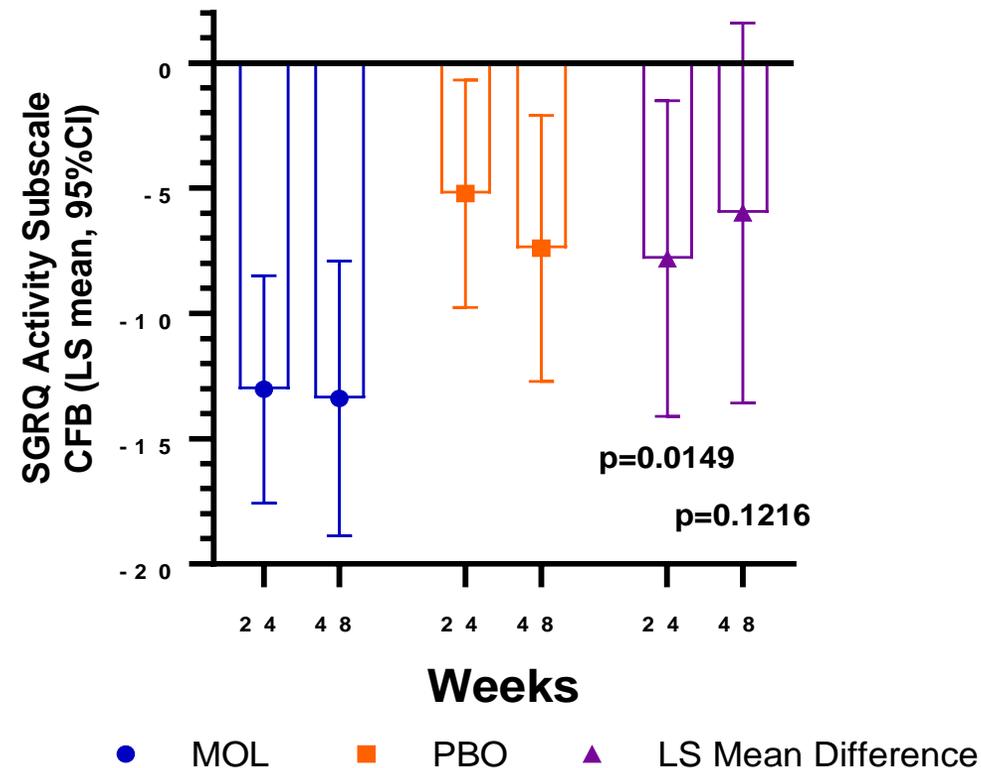
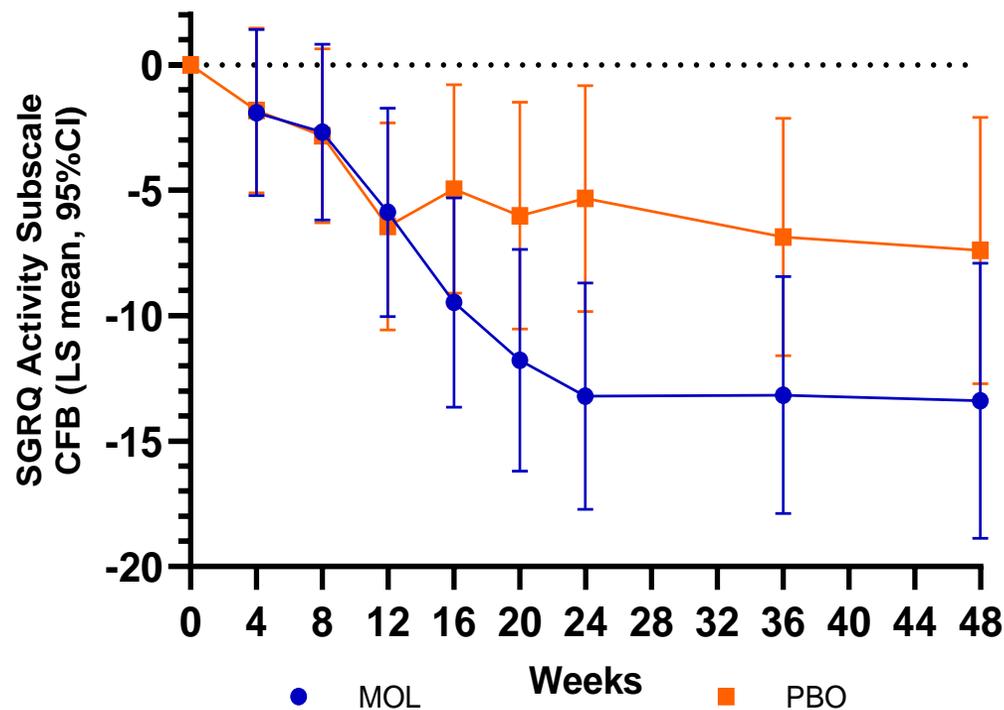
P-values are for Difference in LS Mean compared to PBO

MOLBREEVI Superior to Placebo on Change From Baseline in SGRQ Total Score at W24, Favorability Continues Through W48



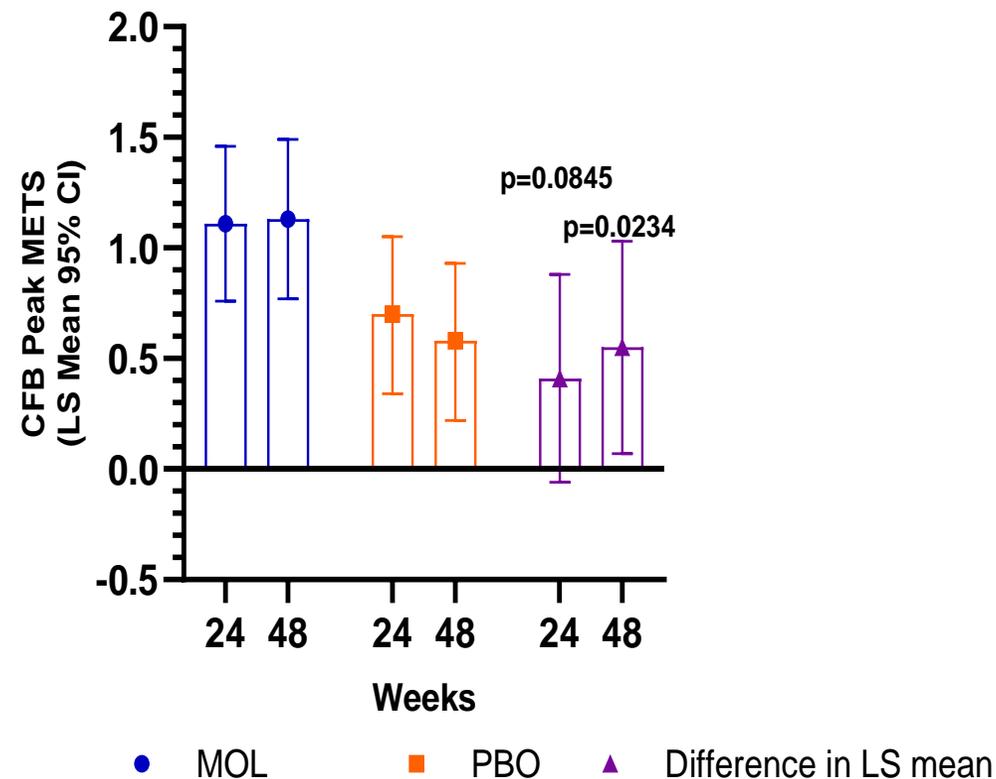
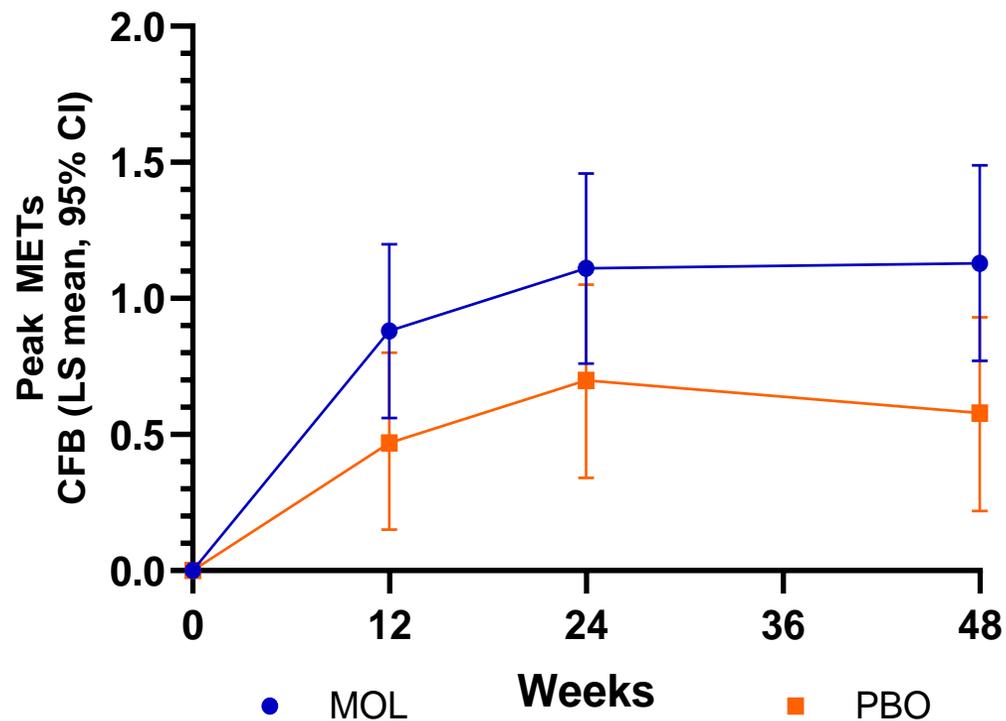
P-values are for Difference in LS Mean compared to PBO

MOLBREEVI Nominally Significant on Change From Baseline in SGRQ Activity Subscale Score at W24, Favorability Continues Through W48



P-values are for Difference in LS Mean compared to PBO

MOLBREEVI Nominally Significant on Change From Baseline in Exercise Capacity (Peak METs) at W48



P-values are for Difference in LS Mean compared to PBO

Lung Lavage Was Permitted as a Rescue Therapy During the Trial

During 48-week double-blind period

- 17 (~10%) patients underwent at least one lung lavage
 - MOLBREEVI: n=6 (7.4%)
 - Placebo: n=11 (13.3%)

IMPALA-2 Safety Summary: MOLBREEVI Was Well-Tolerated

| Treatment Emergent Adverse Events | MOLBREEVI N=81 n (%) | Placebo N=83 n (%) |
|--|----------------------------|--------------------------|
| Any | 69 (85) | 71 (86) |
| Severe | 13 (16) | 16 (19) |
| Treatment related | 20 (25) | 16 (19) |
| Serious | 14 (17) | 20 (24) |
| Not treatment related | 13 (16) | 20 (24) |
| Treatment related ¹ | 1 (1) | 0 |
| Leading to death | 0 | 0 |
| Leading to trial drug discontinuation | 2 (2) | 1 (1) |
| Special interest (chest pain, hypersensitivity) | 9 (11) | 6 (7) |
| Serious and of special interest | 0 | 1 (1) |

¹SAE of delusions resulting in psychiatric hospitalization in patient with a past medical history of seizure disorder treated with levetiracetam, which is labeled for psychiatric side effects, including delusions; the event was assessed as possibly related to study drug by the investigator.

IMPALA-2 Safety Summary: Most Common Adverse Events

ADVERSE EVENTS IN >10% OF PATIENTS IN ANY TREATMENT ARM DURING DOUBLE-BLIND TREATMENT PERIOD

| Treatment Emergent Adverse Events | MOLBREEVI (N=81) n (%) | Placebo (N=83) n (%) |
|-----------------------------------|------------------------------|----------------------------|
| Any | 69 (85) | 71 (86) |
| Most common | | |
| COVID-19 | 18 (22) | 8 (10) |
| Cough | 17 (21) | 18 (22) |
| Pyrexia | 11 (14) | 9 (11) |
| Nasopharyngitis | 11 (14) | 7 (8) |
| Arthralgia | 9 (11) | 7 (8) |
| Headache | 9 (11) | 7 (8) |
| Diarrhea | 9 (11) | 2 (2) |
| Alveolar proteinosis | 4 (5) | 12 (14) |
| Treatment related | 20 (25) | 16 (19) |

Overview of IMPALA-2 Results: Top Line, DSS, Responder Analyses, and GGO Data

| | Measure | Timeframe | P-Value / Results |
|--|---------------------------------|--------------------|--|
| Pulmonary gas exchange | DLco% | Week 24 Week 48 | 0.0007 0.0008 |
| | Disease Severity Score (DSS) | Week 24 Week 48 | 0.0239* 0.0006* |
| | Responder Analysis - DLco% | Weeks 24 and 48 | Significantly higher proportions of patients achieved each responder threshold (5%, 7%, 10%) with MOLBREEVI compared to placebo |
| Respiratory health-related quality of life | SGRQ Total Score | Week 24 Week 48 | 0.0072 0.1046 |
| | SGRQ Activity Score | Week 24 Week 48 | 0.0149† 0.1216 |
| | Responder Analysis – SGRQ Total | Week 24 Week 48 | Numerically (W24) & significantly (W48) higher proportions of patients achieved each responder threshold (-4, -8, -12-points) with MOLBREEVI compared to placebo |
| Patient functionality | Exercise Capacity (Peak METs) | Week 24 Week 48 | 0.0845 0.0234† |
| Surfactant burden | Chest Computed Tomography – GGO | Week 24 | 0.0004* |
| | Whole Lung Lavage | Over 48 Weeks | Numerically favorable to MOLBREEVI compared to placebo |

*Post-hoc analysis. †P-value nominally significant: P-value ≤ 0.0500 but did not meet the p-value threshold required in the pre-specified hierarchical testing procedure.

DLco%, hemoglobin-adjusted percent predicted diffusing capacity of the lungs for carbon monoxide; GGO, ground glass opacification; METs, metabolic equivalents; SGRQ, St. George's Respiratory Questionnaire.

Regulatory and Intellectual Property

BLA Submission On Track for 1H 2025

MOLBREEVI IN aPAP REGULATORY DESIGNATIONS

- Orphan Drug Designation, Europe (eligible for 10 years exclusivity)
- Orphan Drug Designation, U.S. (eligible for 7 years exclusivity)
- Fast Track Designation, U.S.
- Breakthrough Therapy Designation, U.S.
- Innovation Passport Designation, U.K.
- Promising Innovative Medicine Designation, U.K.

IMPALA-2

- Trial design endorsed by regulatory authorities in the U.S., Canada, Japan, South Korea, Australia, U.K., and countries in Europe where the trial is being conducted

BIOLOGIC EXCLUSIVITY

- Upon Biologics License Application (BLA) approval FDA would grant 12 years marketing exclusivity

INTELLECTUAL PROPERTY

- Pending patent applications for MOLBREEVI drug formulation and methods of use including treating aPAP with MOLBREEVI
- Worldwide exclusive license to proprietary eFlow[®] Nebulizer System (PARI) for MOLBREEVI in aPAP and pending joint patent application with PARI for the drug/device combination
- Proprietary cell bank for MOLBREEVI

Commercial Outlook

U.S. Addressable Market is Sizeable with ~3,600 Diagnosed aPAP Patients

CONFIRMED DIAGNOSED aPAP PATIENTS¹



~3,600

(U.S. Claims Data Analysis)

Analysis of comprehensive claims dataset

- Counted PAP ICD9/10 diagnosis codes from 300M+ lives*
- Physicians managing the patients are located across ~1,100 centers
- ~3,600 unique aPAP patients identified

*Adjusted for autoimmune PAP (aPAP)

UNCONFIRMED HIGHLY LIKELY AND LIKELY aPAP¹

+1,400

Highly likely

+2,300

Likely



aPAP ClearPath Ab testing to confirm diagnosis

U.S. Centers Prioritized Based on Expertise and Experience Treating aPAP Patients

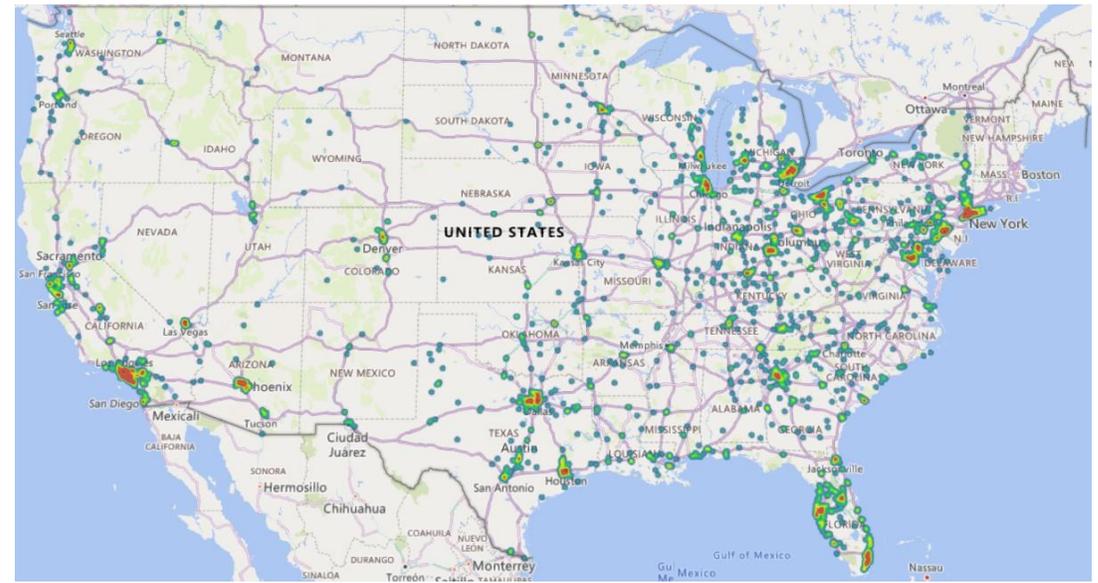
After profiling the first 29 centers, we have line of sight to ~300 aPAP patients today

PAP COEs†

Interstitial Lung Disease (ILD) Centers*

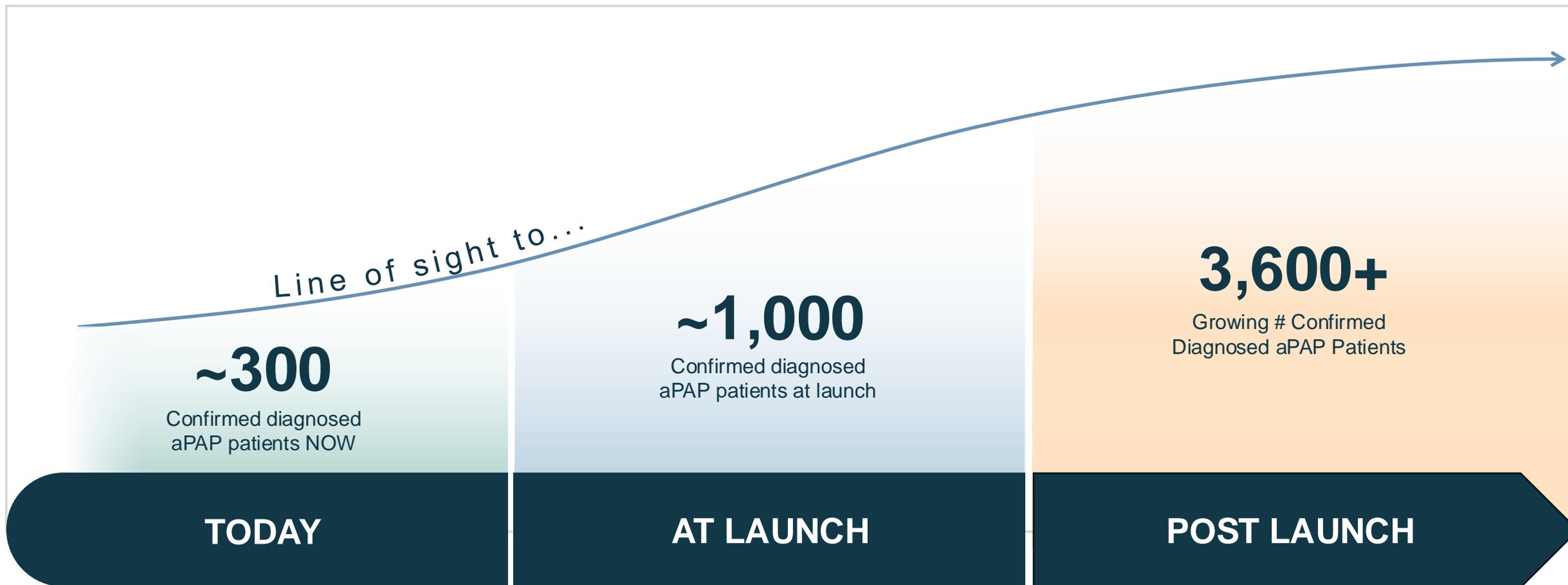
General Pulmonary Centers

U.S. PATIENTS/HCP HEATMAP¹



1) Data from 2023 U.S. Insurance Claims Analysis conducted by Savara

Goal: Line of Sight to ~1,000 U.S. Addressable aPAP Patients at Launch



Pulmonologists, Payers, and Patients Indicate Strong Interest in MOLBREEVI

U.S. PULMONOLOGISTS¹

83% Likely to prescribe MOLBREEVI

Willing to prescribe across severity segments

Rated performance of MOLBREEVI as superior to currently used treatments

U.S. PAYERS²

87% At \$300-500K annually, payers intend to cover MOLBREEVI with typical prior authorization criteria

Recognize aPAP disease burden as moderate to severe

Not concerned about impact on pharmacy budget

U.S. PATIENTS³

100% Think new, non-invasive PAP treatments are needed

Would ask their doctor to prescribe MOLBREEVI

Would take MOLBREEVI if doctor recommended it

Europe (EU4+UK) Market Development is Underway

aPAP TREATMENT CENTERS

| Country | Target Centers (#) ¹ | Estimated TAM ² |
|--------------|---------------------------------|----------------------------|
| Germany | 11 | ~1,100 |
| UK | 25 | ~900 |
| France | 24 | ~900 |
| Italy | 16 | ~700 |
| Spain | 12 | ~600 |
| Total | 88 | ~5,000 |

62 EU patients are currently enrolled in the IMPALA-2 open-label extension*

*Enrolled across 15 IMPALA-2 sites in the EU, UK, and Turkey

TREATMENT CENTER MAPPING¹



IDENTIFIED:

8 Tier-1 aPAP Treatment Centers

MOLBREEVI: Global Commercial Opportunity

Significant Unmet Need

- **High disease burden**
- **Strong market expansion potential** via disease awareness campaign, broad access to GM-CSF autoantibody testing

Rare Disease Infrastructure

- **Orphan disease-like infrastructure in U.S.** – field-based team of ~15-30
- **OUS commercial strategy optionality** – go-it-alone, regional partnerships, etc.



MOLBREEVI

- **WLL (standard of care) is invasive and not standardized**
- **Dosing expected to be chronic**, providing long-term revenue stream
- **Assumed pricing power consistent with recently approved orphan drug analogs** (i.e., in U.S. ~\$300-\$500K p/patient, p/year)

Long Term Exclusivity

- **12-year biologic exclusivity in the U.S. and biosimilar competition unlikely**

Financials

- **Cash runway through 2026**
 - ~\$215M in cash*
- **Strong investor support with coverage from 7 equity research analysts**

ANALYST COVERAGE

| | |
|-----------------------|-----------------------|
| Jefferies | Andrew Tsai |
| Piper Sandler | Yasmeen Rahimi, PhD |
| Guggenheim Securities | Vamil Divan, MD, MBA |
| Oppenheimer | Francois Brisebois |
| JMP | Jonathan Wolleben |
| H.C. Wainwright | Andrew Fein |
| Evercore ISI | Liisa Bayko, MSC, MBA |

**Pro forma for cash, cash equivalents, and short-term investments as of 06/30/24, including July 2024 equity offering of \$94M (net).*

Financial Highlights

Near- and Long-Term U.S. Market Opportunity in aPAP is Sizeable

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\$300K-\$500K Orphan rare disease potential pricing power

~3,700 Large pool of likely patients that are currently undiagnosed

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Thank You

 **SAVARA**