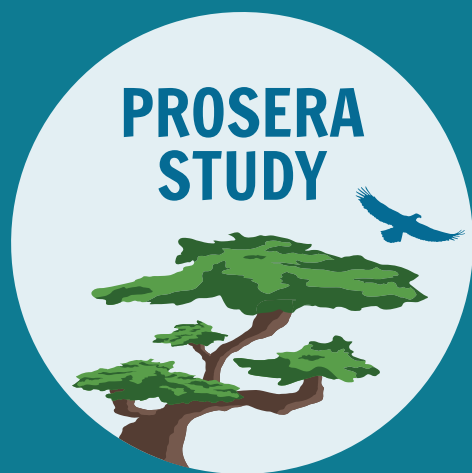


TRIAL IN PROGRESS: PROSERA, A PHASE 3 STUDY OF THE EFFICACY AND SAFETY OF SERALUTINIB IN ADULTS WITH PULMONARY ARTERIAL HYPERTENSION (PAH)

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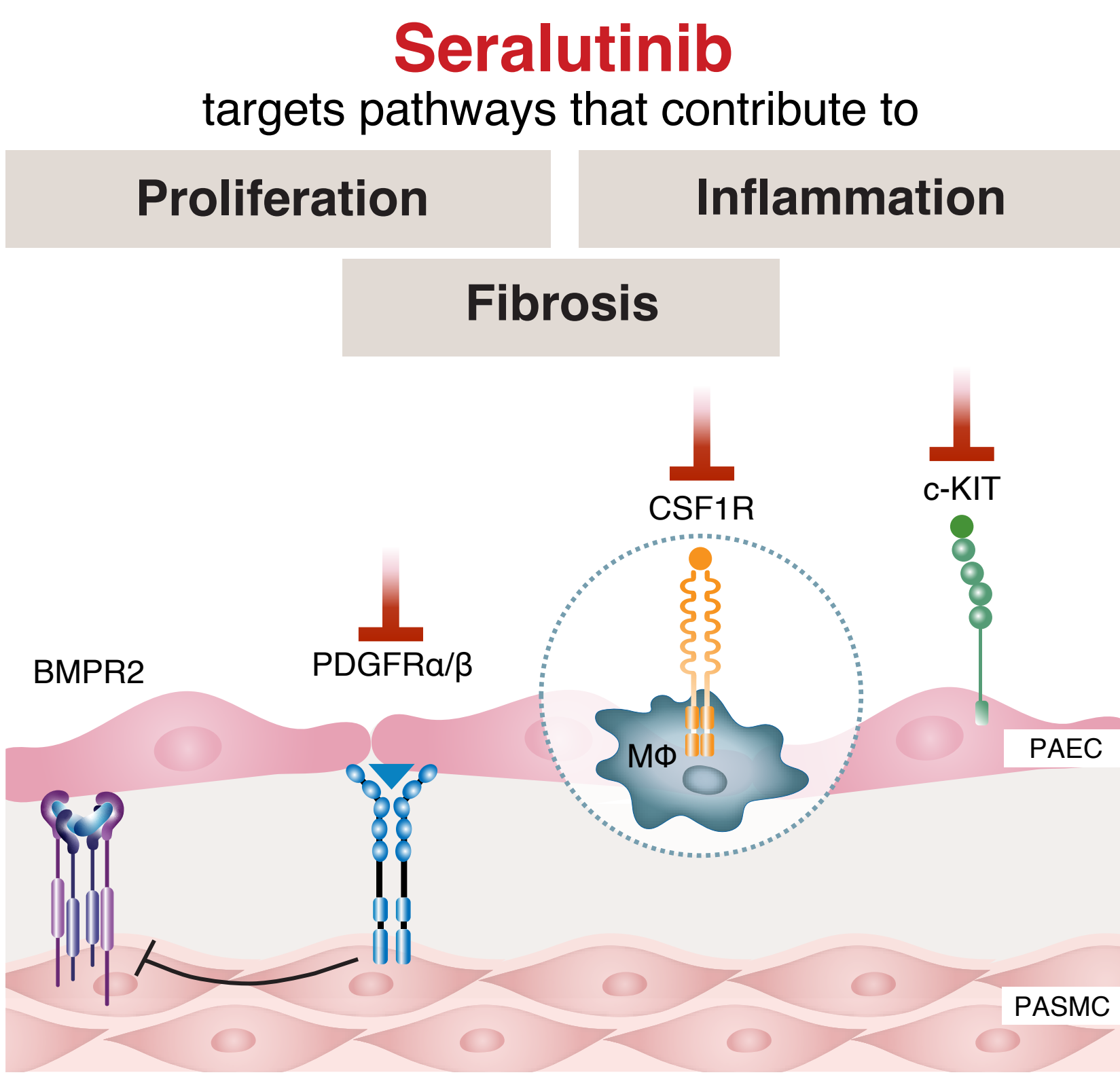


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BACKGROUND

- PDGFRα/β, CSF1R, and c-KIT kinase pathways drive inflammation, proliferation, and fibrosis that contribute to pulmonary vascular remodeling in PAH¹ (**Figure**)
- Seralutinib is a potent tyrosine kinase inhibitor (TKI) targeting these pathways
- Seralutinib is the only inhaled TKI intentionally developed as a treatment for PAH and specifically formulated as a dry powder to reach the site of the disease and limit systemic exposure²



The Phase 2 TORREY Study

- Double-blind, randomized, placebo-controlled study of inhaled seralutinib in patients with WHO Group 1 pulmonary hypertension (PAH; NCT04456998)
- TORREY met its primary endpoint, demonstrating a significant reduction in pulmonary vascular resistance (PVR) from baseline to Week 24 (–14.3%; p = 0.0310), with favorable tolerability³
- Prespecified subgroup analyses showed greater benefit in Functional Class (FC) III patients and patients with REVEAL 2.0 risk score ≥ 6
- The reduction in PVR and increase in pulmonary arterial compliance in conjunction with a reduction of NT-proBNP indicates that seralutinib is reducing right ventricular afterload and having a beneficial effect on the right heart

PROSERA, A PHASE 3 STUDY OF SERALUTINIB IN PAH

- PROSERA is a phase 3, randomized, double-blind, placebo-controlled study to evaluate the efficacy and safety of inhaled seralutinib in adults (ages 18–75 y) with WHO Group 1 PH (NCT05934526)
- 350 patients are to be enrolled at ~160 investigational sites globally throughout North America, Europe, Latin America, and Asia Pacific (**Figure 1**)
- Eligible patients will be randomized 1:1 to receive seralutinib 90 mg or placebo twice daily (BID) by dry powder inhalation, in addition to background PAH therapy (**Figure 2**)

Key Inclusion Criteria

- Adults ≥ 18 and ≤ 75 years old
- WHO Group 1 PH
- WHO FC II or III
- PVR ≥ 400 dyne·s/cm⁵
- Baseline 6-minute walk distance (6MWD) 150–475 m
- Either REVEAL Lite 2 risk score ≥ 5 or NT-proBNP ≥ 300 ng/L or PVR ≥ 800 dyne·s/cm⁵
- Stable treatment with at least one PAH background therapy

Endpoints

Primary

- Change in 6MWD from baseline to Week 24

Key Secondary

- Time from 1st dose to 1st event of clinical worsening
- Proportion of patients who achieve all components of a composite endpoint of clinical improvement at Week 24 in the absence of clinical worsening:
 - Decrease in WHO FC or maintenance of WHO FC II
 - Decrease in NT-proBNP ≥ 30% or maintenance at < 300 ng/L
 - Increase in 6MWD ≥ 10% or ≥ 30 m
- Change vs baseline in NT-proBNP at Week 24
- Proportion of patients with ≥ 1 point decrease in REVEAL Lite 2 risk score vs baseline at Week 24

Safety

- Incidence of treatment-emergent adverse events (TEAEs), serious TEAEs, and TEAEs of special interest

Exploratory

- Seralutinib plasma concentrations and pharmacodynamic biomarkers measured in blood and plasma samples

Figure 1. Countries with PROSERA study sites.

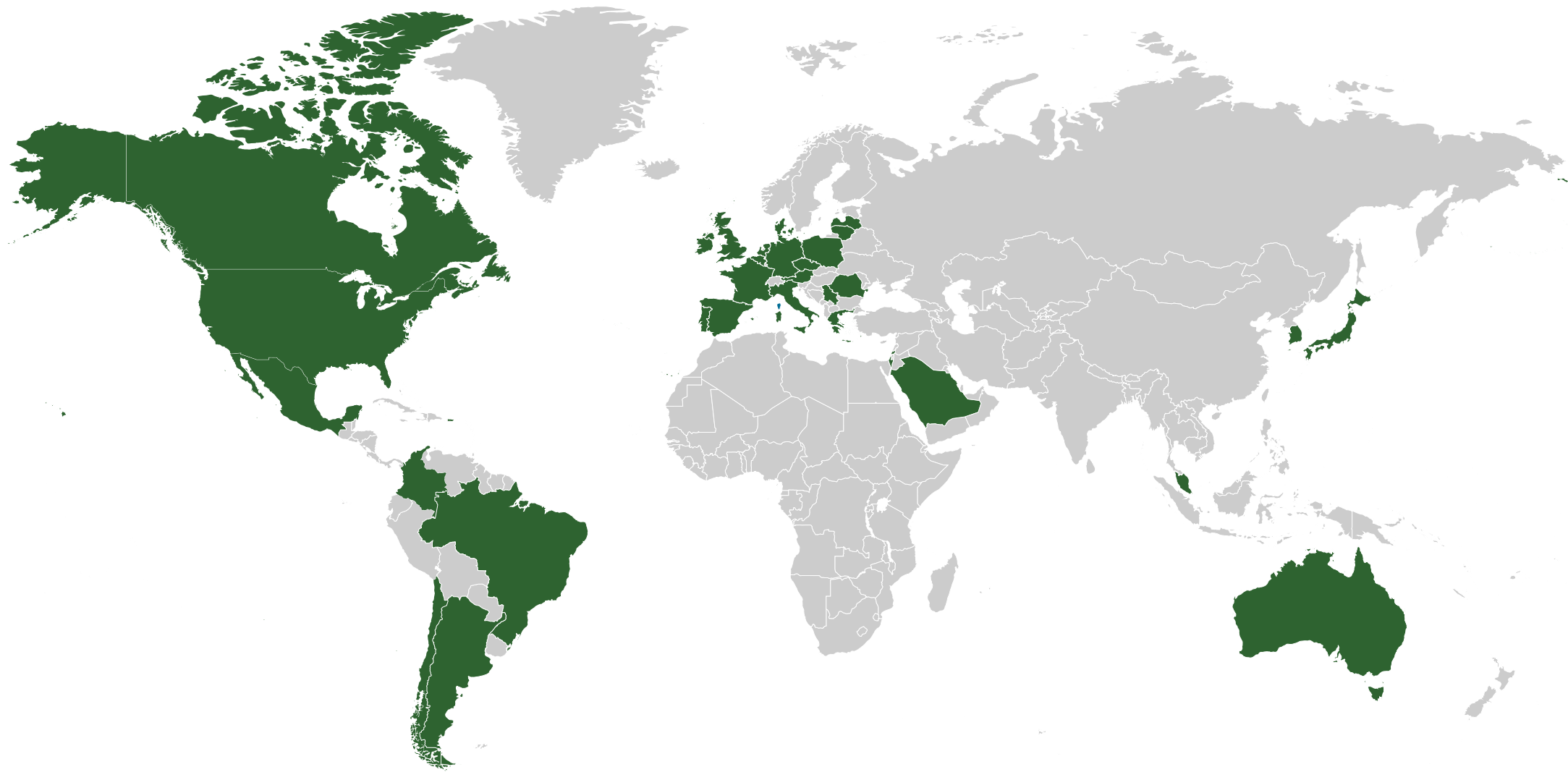
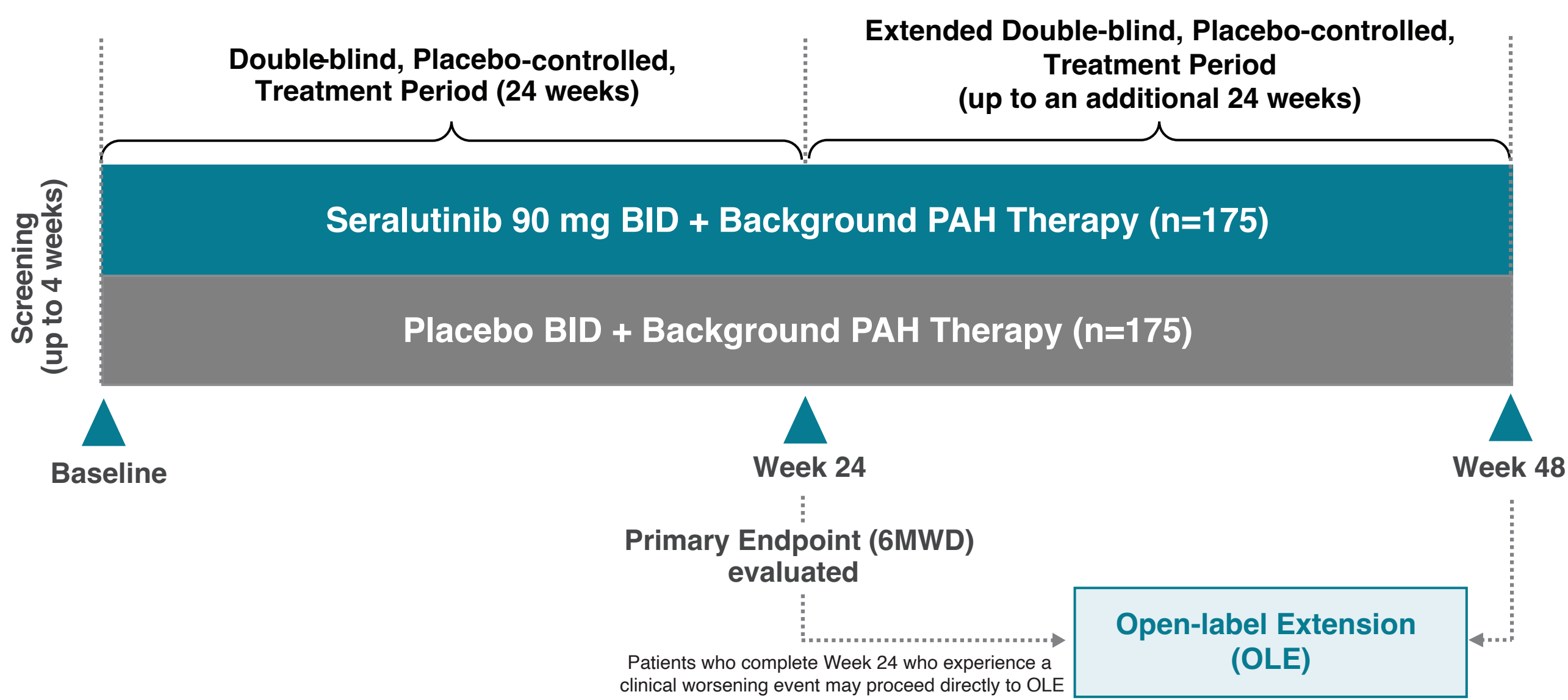


Figure 2. PROSERA study schema.



Functional Respiratory Imaging (FRI) Substudy

Objective:

- To evaluate the effect of seralutinib vs placebo on changes in the pulmonary vasculature as assessed by high-resolution chest computed tomography

Endpoints include changes in:

- Pulmonary vasculature blood volume
- Pulmonary blood volume as % total lung volume
- Fibrosis score
- Image-based ventilation-to-perfusion score from baseline to Week 24

SUMMARY

- Seralutinib is a potent small-molecule TKI that targets PDGFRα/β, CSF1R, and c-KIT, and was specifically designed for inhalation to maximize the therapeutic index and limit systemic exposure
- In the phase 2 TORREY study in patients with PAH, seralutinib demonstrated significant reduction in PVR compared to placebo, and significant improvements in NT-proBNP and right heart function, with favorable tolerability
- The phase 3 PROSERA study in patients with WHO Group 1 PH, FC II/III, is enrolling (NCT05934526)

References: 1 Pullamsetti SS et al. *Int J Mol Sci.* 2023;24(16):12653. 2 Galkin A et al. *Eur Respir J.* 2022;60(6):2102356. 3 Frantz RP et al. *Lancet Respir Med.* 2024;12(7):523-534.

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