

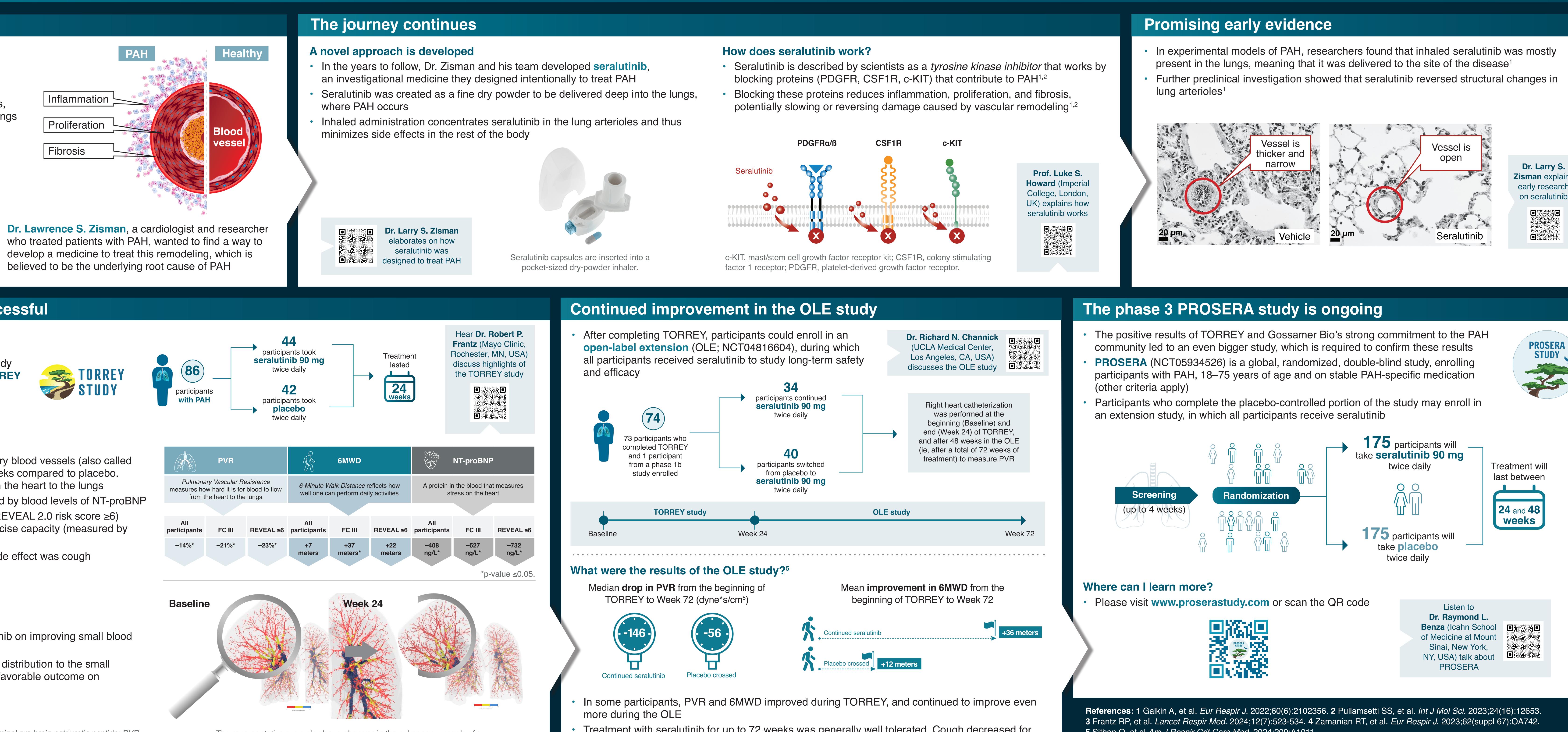


THE CLINICAL DEVELOPMENT OF INHALED SERALUTINIB FOR THE TREATMENT OF PULMONARY ARTERIAL HYPERTENSION (PAH)

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An unmet need sparks an idea

- In PAH, small vessels in the lungs ("arterioles") get thicker and stiffer due to overactive inflammation, increased cell growth ("proliferation"), and scarring ("fibrosis") – these arterioles are being "remodeled"
- As a result, the pressure in these arterioles increases, making it harder for the heart to pump blood to the lungs
- Advances have been made in the treatment of PAH, but new medicines are still needed to treat the remodeled vessels



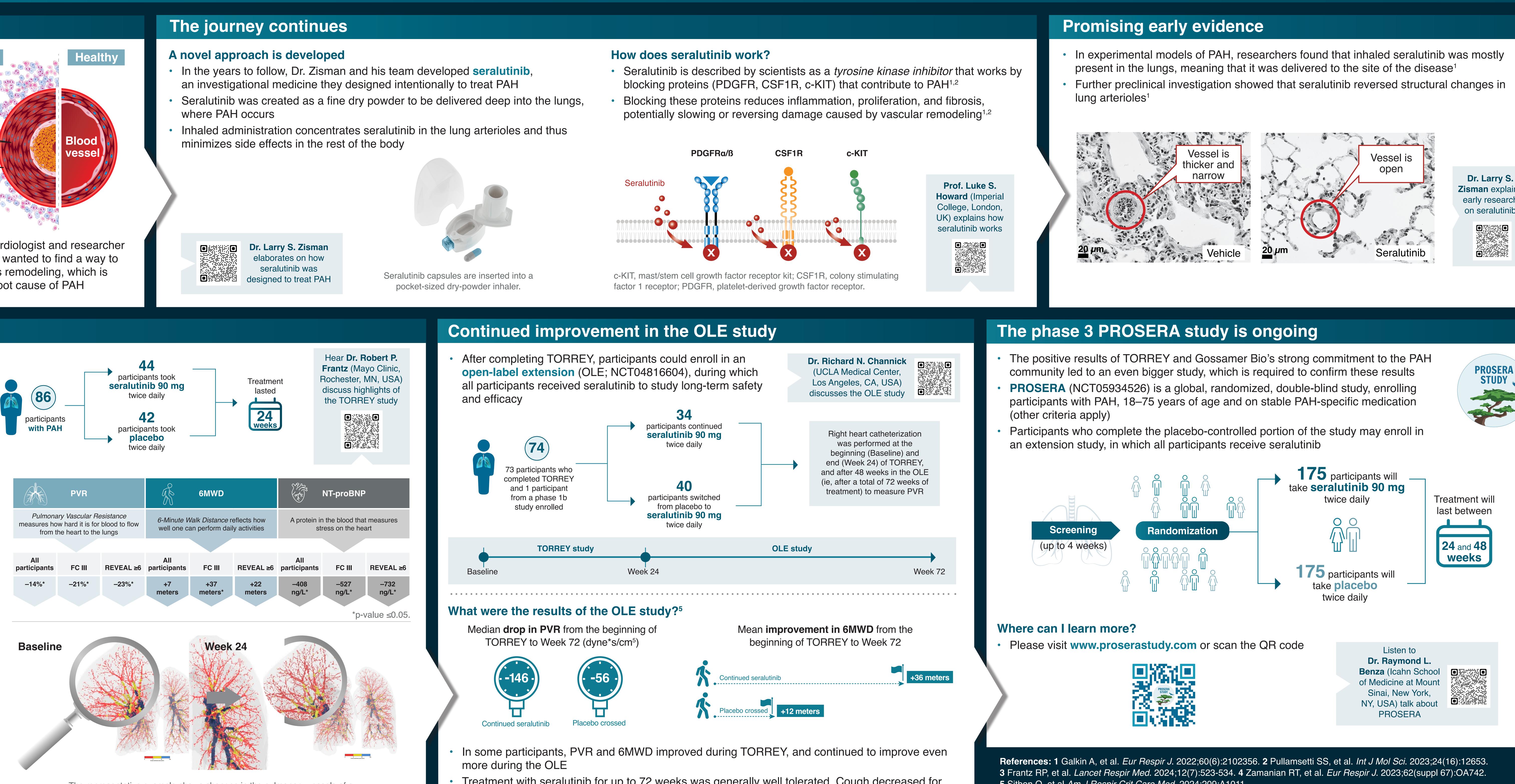


Dr. Larry S. Zisman talks about his motivation to support the PAH community

The phase 2 TORREY study is successful

Encouraged by data from early studies, a clinical study involving adults with PAH was conducted – the **TORREY** study (NCT04456998) (see figure, right)



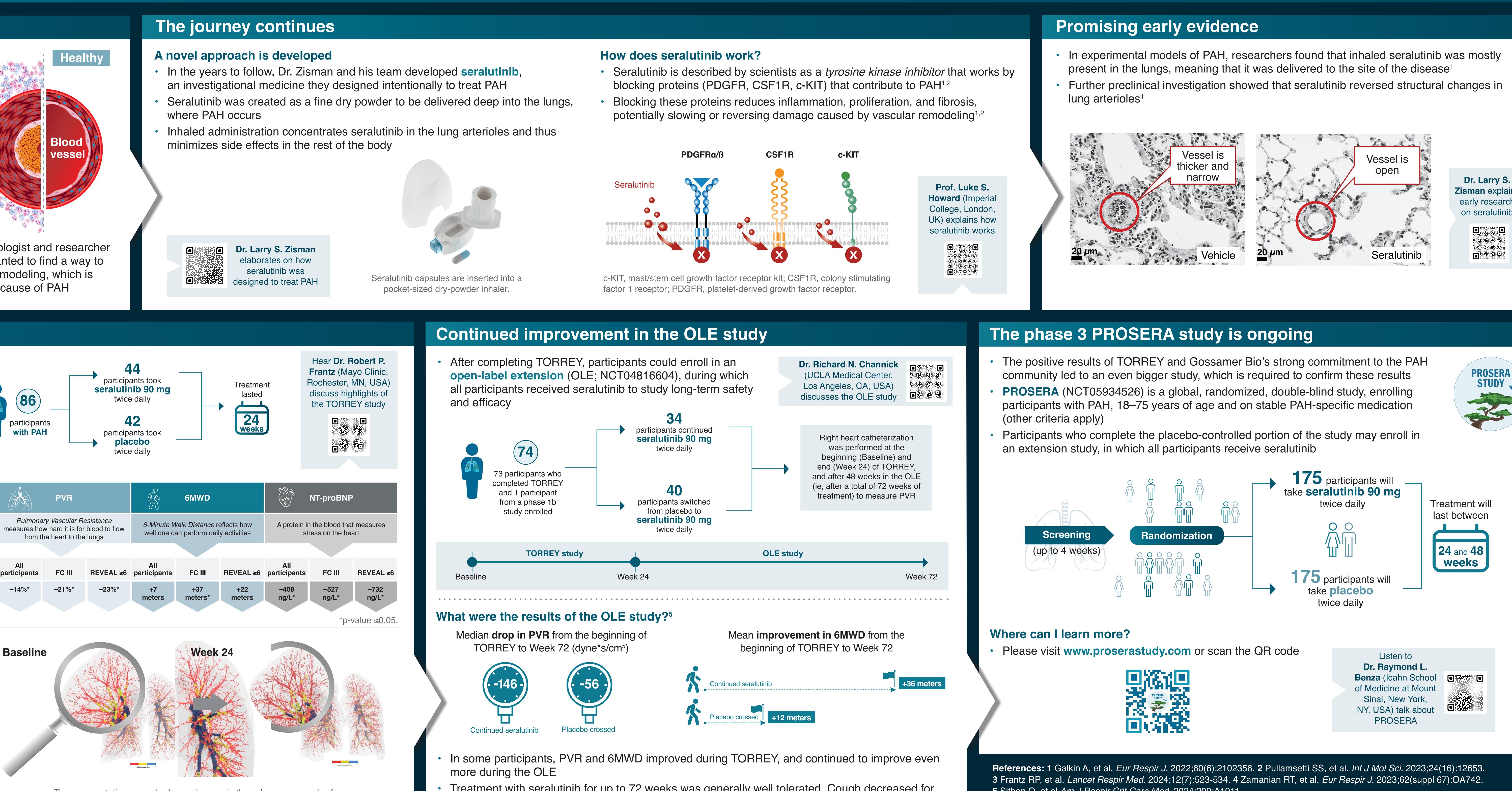


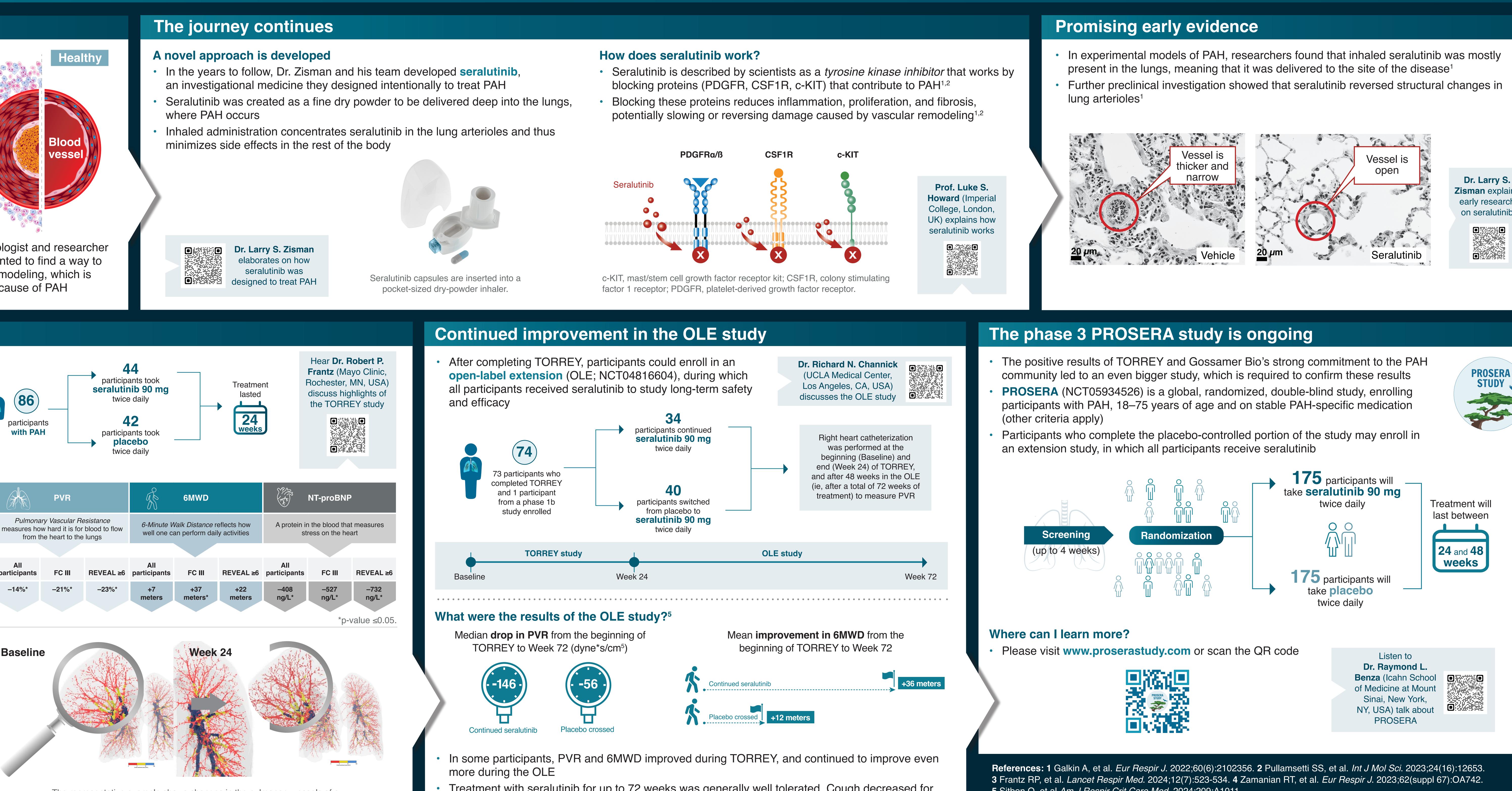
What did the TORREY study find?³

- Inhaled seralutinib reduced the pressure in pulmonary blood vessels (also called pulmonary vascular resistance, or PVR) after 24 weeks compared to placebo. Reducing PVR makes it easier for blood to flow from the heart to the lungs
- Seralutinib reduced stress on the heart, as measured by blood levels of NT-proBNP
- Participants with more severe symptoms (FC III or REVEAL 2.0 risk score ≥6) experienced greater improvements in PVR and exercise capacity (measured by 6-minute walk distance, or 6MWD)
- Seralutinib was well tolerated. The most common side effect was cough (seralutinib group: 43%; placebo group: 38%)

Imaging the lung vessels⁴

- An imaging substudy examined the effect of seralutinib on improving small blood vessels, which are typically narrowed in PAH
- The study found that seralutinib increased the blood distribution to the small vessels, which suggests that seralutinib is having a favorable outcome on underlying vascular remodeling (figure)





The representative example shows changes in the pulmonary vessels of a seralutinib-treated participant from the beginning of the study to 24 weeks.

Benza RL¹, Zisman LS², Channick RN³, Chin KM⁴, Frantz RP⁵, Ghofrani HA⁶, Hemnes AR⁷, McLaughlin VV⁸, Sitbon O⁹, Vachiéry JL¹⁰, Zamanian RT¹¹, Escribano Subías P¹², Sahay S¹³, Zolty RL¹⁴, Aranda R², Howard LS¹⁵

Treatment with seralutinib for up to 72 weeks was generally well tolerated. Cough decreased for both groups (continued seralutinib: 21%; placebo crossed: 23%) at Week 72

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5 Sitbon O, et al. Am J Respir Crit Care Med. 2024;209:A1011.

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