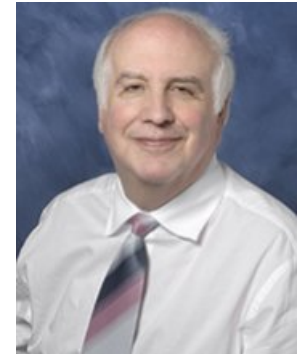


CIRM Funded Clinical Trials

## Pulmonary Arterial Hypertension Treated with Cardiosphere-Derived Allogeneic Stem Cells

<b>Disease Area:</b>	Pulmonary Hypertension
<b>Investigator:</b>	Michael Lewis
<b>Institution:</b>	Cedars-Sinai Medical Center
<b>CIRM Grant:</b>	CLIN2-09444
<b>Award Value:</b>	\$7,354,772
<b>Trial Sponsor:</b>	Cedars-Sinai Medical Center
<b>Trial Stage:</b>	Phase 1/2
<b>Trial Status:</b>	Active, not recruiting
<b>Targeted Enrollment:</b>	26
<b>ClinicalTrials.gov ID:</b>	NCT03145298



Michael Lewis

**Details:**

Pulmonary arterial hypertension (PAH) is a progressive condition with no cure. Scientists at Cedars-Sinai Medical Center are using donor cells derived from the heart to reduce two hallmark symptoms of pulmonary hypertension: inflammation and high blood pressure in the blood vessels within the lungs. These conditions make the heart struggle to pump blood to the heart and lungs, and over time, can ultimately lead to heart failure. The aim of this treatment is to delay the progression of the disease.

**Design:**

Phase 1a: dose escalation, safety. Phase 1b: randomized, placebo-controlled safety/efficacy. Single dose, central intravenous infusion.

**Goal:**

Primary: Safety. Secondary: Exploratory efficacy measures of right ventricular function.

[Contact Trial Sponsor](#)

Source URL: <https://www.cirm.ca.gov/clinical-trial/pulmonary-arterial-hypertension-treated-cardiosphere-derived-allogeneic-stem-cells>