

CIRM Funded Clinical Trials

Phase 2b Clinical Study of Safety and Efficacy of Intravitreal Injection of Retinal Progenitor Cells (jCell) for Treatment of Retinitis Pigmentosa

Disease Area:	Retinitis Pigmentosa
Investigator:	Henry Klassen
Institution:	jCyte, Inc
CIRM Grant:	CLIN2-09698
Award Value:	\$8,295,750
Trial Sponsor:	jCyte, Inc
Trial Stage:	Phase 2
Trial Status:	Completed
Targeted Enrollment:	84
ClinicalTrials.gov ID:	NCT03073733



Henry Klassen

Details:

Retinitis pigmentosa (RP) is a severe form of blindness that runs in families with an incidence of 1:4000. A team at UC Irvine, is using cells called retinal progenitor cells to repair the damage caused by this vision destroying disease. The cells are injected into the back of the eye and it's hoped they will help preserve the photoreceptors attacked by RP as well as generate new photo receptors to replace those destroyed by the disease. This is a follow-on study based on an earlier CIRM-funded Phase 1/2a clinical trial out of UC Irvine. This Phase 2 trial will continue to assess safety and establish efficacy of this treatment.

Design:

Single dose. Randomized 1:1. Placebo-controlled with crossover option after 12 month follow up of treated group.

Goal:

Safety and efficacy - improvement in visual function at 12 months.

Updates:

RMAT designation was awarded in May 2017.

News about this clinical trial:

jCyte, Inc. Identifies Retinitis Pigmentosa Patients Most Likely to Respond in Planned Pivotal Study with jCell Therapy

Contact Trial Sponsor

Source URL: <https://www.cirm.ca.gov/clinical-trial/phase-2b-clinical-study-safety-and-efficacy-intravitreal-injection-retinal-progenitor>