

Development of a humanized mouse model for testing anti-HIV HSPC gene therapy strategies in HIV-1 infected mice.

### Grant Award Details

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Development of a humanized mouse model for testing anti-HIV HSPC gene therapy strategies in HIV-1 infected mice.

**Grant Type:** Early Translational from Disease Team Conversion

**Grant Number:** TRX-01431

**Project Objective:** Goal of the project is to develop a humanized mouse model for transplantation of HIV infected mice and to demonstrate disease modifying activity of gene modified CD34 encoding anti-HIV shRNA in the progeny immune cells after transplantation in this animal model.

**Investigator:**

<b>Name:</b>	Irvin Chen
<b>Institution:</b>	University of California, Los Angeles
<b>Type:</b>	PI

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**Disease Focus:** HIV/AIDS, Infectious Disease

**Human Stem Cell Use:** Adult Stem Cell

**Award Value:** \$1,505,000

**Status:** Closed

### Progress Reports

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**Reporting Period:** Year 1

[View Report](#)

**Reporting Period:** Year 2 + NCE

[View Report](#)

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### Grant Application Details

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**Application Title:** HPSC based therapy for HIV disease using RNAi to CCR5.

**Public Abstract:**

**Statement of Benefit to  
California:**

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**Source URL:** <https://www.cirm.ca.gov/our-progress/awards/development-humanized-mouse-model-testing-anti-hiv-hspc-gene-therapy-strategies>