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

Grant Award Details

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:
- Name: Irvin Chen
- Institution: University of California, Los Angeles
- Type: PI

Disease Focus: HIV/AIDS, Infectious Disease
Human Stem Cell Use: Adult Stem Cell
Award Value: $1,505,000
Status: Closed

Progress Reports

Reporting Period: Year 1
View Report

Reporting Period: Year 2 + NCE
View Report

Grant Application Details

Application Title: HPSC based therapy for HIV disease using RNAi to CCR5
Public Abstract: