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:

<table>
<thead>
<tr>
<th>Name</th>
<th>Irvin Chen</th>
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</thead>
<tbody>
<tr>
<td>Institution</td>
<td>University of California, Los Angeles</td>
</tr>
<tr>
<td>Type</td>
<td>PI</td>
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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

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:
Statement of Benefit to California:

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