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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</table>

**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:**