

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Transplantation				
Transplantation	Not applicable	<p>A study in mice suggests that <i>ex vivo</i> expanded human T_{reg} cells could help prevent organ transplant-associated arteriosclerosis. Chimeric mice transplanted with a human arterial side branch with the T_{reg} cell-enriched cell population had less transplant-associated arteriosclerosis than mice that did not receive the enriched cells. In mice receiving the T_{reg} cells, secretion of interferon-γ (IFNγ; IFN-γ), a cytokine associated with transplant arteriosclerosis, was lower than that in controls. Next steps include evaluating the cell therapy in combination with immunosuppressive drugs.</p> <p>SciBX 3(21); doi:10.1038/scibx.2010.660 Published online May 27, 2010</p>	<p>Work unpatented; available for licensing from Isis Innovation Ltd.</p>	<p>Nadig, S.N. <i>et al. Nat. Med.</i>; published online May 16, 2010; doi:10.1038/nm.2154 Contact: Kathryn J. Wood, University of Oxford, Oxford, U.K. e-mail: kathryn.wood@nds.ox.ac.uk</p>