

### This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Cardiovascular disease</b>				
Cardiomyopathy	Myosin heavy chain 6 cardiac muscle- $\alpha$ (MYH6)	<p>Studies in mice and in human samples suggest that inducing tolerance to MYH6 could help prevent autoimmune myocarditis. In immunodeficient mice, adoptive transfer of Myh6-specific T cells caused severe myocarditis. In a separate set of mice, increasing host tolerance of Myh6 prevented the development of myosin autoantibodies and myocarditis. Samples from three myocarditis patients had higher levels of MYH6-specific T cells than samples from three controls without myocarditis. Next steps include confirming that an increase in T cell reactivity to the MYH6 protein occurs in a large cohort of myocarditis patients.</p> <p><b>SciBX 4(14); doi:10.1038/scibx.2011.402</b>  <b>Published online April 7, 2011</b></p>	Work unpatented; models used in study available for licensing	<p>Lv, H. <i>et al. J. Clin. Invest.</i>; published online March 23, 2011; doi:10.1172/JCI44583</p> <p><b>Contact:</b> Myra A. Lipes, Joslin Diabetes Center, Boston, Mass.            e-mail: <a href="mailto:myra.lipes@joslin.harvard.edu">myra.lipes@joslin.harvard.edu</a></p>