

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Heart failure	Toll-like receptor 9 (TLR9)	<p>Mouse studies suggest inhibiting TLR9 could help prevent heart failure caused by inflammation. In mice subjected to cardiac pressure overload, <i>Tlr9</i> deficiency increased survival and decreased loss of cardiac function and pulmonary congestion compared with normal <i>Tlr9</i> expression. Next steps could include testing TLR9 inhibitors in the mouse model.</p> <p>At least 10 companies have TLR9 inhibitors in preclinical or clinical development for various indications, including inflammation.</p> <p>SciBX 5(20); doi:10.1038/scibx.2012.521 Published online May 17, 2012</p>	Unpatented; licensing status not applicable	<p>Oka, T. <i>et al. Nature</i>; published online April 25, 2012; doi:10.1038/nature10992 Contact: Kinya Otsu, King's College London, London, U.K. e-mail: kinya.otsu@kcl.ac.uk</p>