

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Thrombosis	Protein tyrosine phosphatase, receptor type, J (PTPRTJ); CD148), glycoprotein VI (platelet) (GP6; GPVI)	<p>A study in mice suggests that inhibiting CD148 may be useful for preventing thrombosis. Platelets isolated from CD148-deficient mice showed less GP6-mediated aggregation and ATP secretion than platelets from wild-type controls. CD148 knockout mice showed significantly more bleeding and time to vessel occlusion than wild-type controls ($p < 0.03$ and $p < 0.001$, respectively). Thrombus formation in CD148-deficient mice was also delayed. Next steps could include developing small molecule inhibitors of CD148.</p> <p>SciBX 2(10); doi:10.1038/scibx.2009.402 Published online March 12, 2009</p>	Patent and licensing status undisclosed	<p>Senis, Y.A. <i>et al. Blood</i>; published online Feb. 25, 2009; doi:10.1182/blood-2008-08-174318</p> <p>Contact: Yotis A. Senis, University of Birmingham, Birmingham, U.K. e-mail: y.senis@bham.ac.uk</p>