This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Blood clots; thrombosis	Matrix metalloproteinase 2 (MMP2)	A study in mice suggests that inhibiting MMP2 in platelets could help prevent thrombosis. In multiple models of thrombosis, animals with <i>MMP2</i> deficiency had longer bleeding times and smaller thrombi than mice with functional MMP2. In a mouse model of vascular injury, platelets from <i>MMP2</i> -deficient mice were less able to shorten bleeding time than platelets from wild-type mice. Next steps could include developing compounds that selectively inhibit MMP2 in platelets.	Patent and licensing status undisclosed	Momi, S. <i>et al. J. Exp. Med.</i> ; published online Oct. 6, 2009; doi:10.1084/jem.20090687 Contact: Paolo Gresele, University of Perugia, Perugia, Italy e-mail: grespa@unipg.it
SciBX 2(44); doi:10.1038/scibx.2009.1627 Published online Nov. 12, 2009				