This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Thrombosis	Protein disulfide isomerase (PDI)	<p><i>In vitro</i> and mouse studies identified a PDI inhibitor that could help prevent thrombosis. In cellular assays, the PDI inhibitor quercetin-3-rutinoside decreased both platelet aggregation and endothelial cell-mediated fibrin generation compared with vehicle. In mice with laser-induced vessel injury, quercetin-3-rutinoside lowered thrombus formation compared with vehicle control, whereas recombinant PDI reversed the inhibitor's antithrombotic effects. Next steps could include testing the inhibitor in additional models of thrombosis.</p> <p>SciBX 5(21); doi:10.1038/scibx.2012.551 Published online May 24, 2012</p>	Patent and licensing status unavailable	<p>Jasuja, R. <i>et al. J. Clin. Invest.</i>; published online May 8, 2012; doi:10.1172/JCI61228</p> <p>Contact: Robert Flaumenhaft, Beth Israel Deaconess Medical Center, Boston, Mass. e-mail: rflaumen@bidmc.harvard.edu</p>