This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Coronary artery disease (CAD); myocardial infarction (MI)	ABO blood group (ABO); ADAM metalloproteinase with thrombospondin type 1 motif 7 (ADAMTS7)	Genomewide association studies identified loci associated with CAD and MI that could help predict disease risk. In 12,393 CAD patients and 7,282 healthy controls, the <i>ADAMTS7</i> locus was associated with the disease ($p=4.98 \times 10^{-13}$). In 5,783 patients with CAD and MI and in 3,644 patients with CAD only, the <i>ABO</i> locus, which encodes the O blood group phenotype, was associated with added risk of MI ($p=7.62 \times 10^{-9}$). Next steps include confirming the associations in additional patients and controls.	Patent and licensing status unavailable	Reilly, M.P. <i>et al. Lancet</i> ; published online Jan. 14, 2011; doi:10.1016/S0140-6736(10)61996-4 Contact: Muredach P. Reilly, University of Pennsylvania, Philadelphia, Pa. e-mail: muredach@mail.med.upenn.edu
SciBX 4(6); doi:10.1038/scibx.2011.164 Published online Feb. 10, 2011				