This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Blood clots	Anoctamin 6 (ANO6; TMEM16F)	<p>Mouse and cell culture studies suggest inhibiting TMEM16F could help prevent thrombosis. In mice, knocking out <i>Tmem16f</i> increased bleeding time compared with no knockout and prevented chemical-induced thrombus formation. Studies in human and amphibian cell lines showed that TMEM16F forms a Ca²⁺-activated, nonselective cation channel needed for lipid scrambling, a process that regulates membrane phospholipid composition, in platelets during coagulation. Next steps could include screening for and evaluating compounds that inhibit TMEM16F.</p> <p>SciBX 5(40); doi:10.1038/scibx.2012.1050 Published online Oct. 11, 2012</p>	Patent and licensing status unavailable	<p>Yang, H. <i>et al. Cell</i>; published online Sept. 28, 2012; doi:10.1016/j.cell.2012.07.036 Contact: Lily Yeh Jan, University of California, San Francisco, Calif. e-mail: lily.jan@ucsf.edu</p>