This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Atherosclerosis	Caveolin 1 caveolae protein 22kDa (CAV1)	<p>Studies in mice suggest that inhibiting CAV1 could help treat or prevent atherosclerosis. In an apolipoprotein E (ApoE)-deficient mouse model of atherosclerosis, <i>Cav1</i> knockout blocked progression of atherosclerosis and decreased low-density lipoprotein (LDL) infiltration into artery walls. In the mice, endothelial-specific <i>Cav1</i> re-expression restored progression of atherosclerosis and caused expansion of atherosclerotic plaques. Next steps could include identifying an inhibitor of CAV1.</p> <p>SciBX 2(28); doi:10.1038/scibx.2009.1106 Published online July 23, 2009</p>	Patent and licensing status unavailable	<p>Fernandez-Hernando, C. <i>et al. Cell Metab.</i>; published online July 7, 2009; doi:10.1016/j.cmet.2009.06.003 Contact: William C. Sessa, Yale University School of Medicine, New Haven, Conn. e-mail: william.sessa@yale.edu Contact: Carlos Fernández-Hernando, same affiliation as above e-mail: carlos.fernandez@yale.edu</p>