This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Cardiovascular disease	Potassium channel Kv11.1 (KCNH2)	Cell culture studies suggest increasing KCNH2 activity could help prevent long QT syndrome (LQTS). In induced pluripotent stem (iPS) cell-derived cardiomyocytes from patients with LQTS, a chemical activator of human KCNH2 decreased excessively long action potential duration compared with no treatment. Next steps include improving the drug-like properties of the KCNH2 activator and profiling its activity and safety. <i>SciBX</i> 5(27); doi:10.1038/scibx.2012.702 Published online July 12, 2012	Patent pending; available for licensing	Zhang, H. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online June 28, 2012; doi:10.1073/pnas.1205266109 Contact: Min Li, The Johns Hopkins University, Baltimore, Md. e-mail: minli@jhmi.edu