This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Heart failure	Transient receptor potential cation channel subfamily C member 3 (TRPC3); TRPC4; TRPC6	A study in mice suggests that inhibiting TRPC3, TRPC4 and TRPC6 signaling could help prevent cardiac hypertrophy. In a mouse model of cardiac hypertrophy, transgenic mice expressing defective versions of TRPC3, TRPC4 or TRPC6 had less severe hypertrophy than wild-type controls. Next steps include replicating the results in a pig model of heart failure and screening for heart-specific TRPC inhibitors. <i>SciBX</i> 3(14); doi:10.1038/scibx.2010.433 Published online April 8, 2010	Work unpatented; mouse models available for licensing	Wu, X. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online March 29, 2010; doi:10.1073/pnas.1001825107 Contact: Jeffery D. Molkentin, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio e-mail: jeff.molkentin@cchmc.org