This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Cardiac hypertrophy	Cell division cycle 42 (CDC42)	<p>Studies in mice suggest that boosting CDC42 signaling could be useful for preventing cardiac hypertrophy. In mice, animals with cardiac-specific deletion of <i>Cdc42</i> had significantly greater cardiac hypertrophy than controls that expressed <i>Cdc42</i> ($p < 0.05$). <i>Cdc42</i> deletion also significantly increased exercise-associated sudden death compared with that in controls ($p < 0.001$). Next steps could include identifying CDC42-inducing compounds and evaluating them in animal models of cardiac hypertrophy.</p> <p>SciBX 2(37); doi:10.1038/scibx.2009.1406 Published online Sept. 24, 2009</p>	Patent and licensing unavailable	<p>Maillet, M. <i>et al.</i> <i>J. Clin. Invest.</i>; published online Sept. 8, 2009; doi:10.1172/JCI37694</p> <p>Contact: Jeffery D. Molkentin, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio e-mail: jeff.molkentin@cchmc.org</p>