This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Heart failure	Calcium and integrin binding 1 (CIB1; calmyrin)	<p>Studies in mice suggest that inhibiting CIB1 in cardiomyocytes could help treat cardiac hypertrophy. In a mouse model of pressure overload-induced cardiac hypertrophy, CIB1 mRNA and protein levels were higher than those in controls or mice with nonpathological, exercise-induced hypertrophy. In the same mouse model, as compared with wild-type controls, knockout of <i>Cib1</i> decreased hypertrophy, expression of hypertrophic marker genes and fibrosis. Next steps include identifying CIB1 inhibitors.</p> <p>SciBX 3(29); doi:10.1038/scibx.2010.895 Published online July 29, 2010</p>	Unpatented; licensing status not applicable	<p>Heineke, J. <i>et al. Nat. Med.</i>; published online July 18, 2010; doi:10.1038/nm.2181 Contact: Jeffery D. Molkentin, Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio e-mail: jeff.molkentin@cchmc.org Contact: Joerg Heineke, Hannover Medical School, Hannover, Germany e-mail: Heineke.Joerg@mh-hannover.de</p>