

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Cardiomyopathy	SWI/SNF related matrix-associated actin dependent regulator of chromatin subfamily a member 4 (SMARCA4; BRG1)	Human and mouse studies suggest that blocking BRG1-mediated chromatin remodeling could help treat cardiac hypertrophy. In patients with hypertrophic cardiomyopathy, cardiomyocytes had higher expression of <i>BRG1</i> than those in normal controls. In a mouse model of cardiac hypertrophy, <i>Brg1</i> knockout in the myocardium led to less hypertrophy than that seen in control myocardium. Next steps include developing an inhibitor of BRG1 for preclinical testing in hypertrophic hearts.	Patent application filed; available for licensing	Hang, C.T. <i>et al. Nature</i> ; published online July 1, 2010; doi:10.1038/nature09130 Contact: Ching-Pin Chang, Stanford University School of Medicine, Stanford, Calif. e-mail: chingpin@stanford.edu
		SciBX 3(28); doi:10.1038/scibx.2010.860 Published online July 22, 2010		