

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Hypertrophy	Endothelial cell nitric oxide synthase 3 (NOS3; eNOS); regulator of G-protein signaling 4 (RGS4)	<i>In vitro</i> and mouse studies suggest inhibiting eNOS or increasing RGS4 could help prevent cardiac hypertrophy. In a mouse model for angiogenesis-driven myocardial hypertrophy, Rgs4 expression was lower and eNos-produced NO was greater than that seen in normal mice. In the same mouse model, Rgs4 overexpression or eNos inhibition prevented hypertrophy. Next steps include studying the mechanism in pathological hypertrophy and myocardial ischemia.	Patent application filed; available for licensing	Jaba, I.M. <i>et al. J. Clin. Invest.</i> ; published online March 1, 2013; doi:10.1172/JCI65112 Contact: Daniela Tirziu, Yale School of Medicine, New Haven, Conn. e-mail: daniela.tirziu@yale.edu
		SciBX 6(10); doi:10.1038/scibx.2013.236 Published online March 14, 2013		