This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Heart failure; aneurysm	Kruppel-like factor 15 (KLF15)	<i>In vitro</i> and mouse studies suggest that increasing KLF15 expression could help treat heart failure and aortic aneurysm. In failing human hearts and aortic aneurysm samples, mRNA levels of the transcription factor <i>KLF15</i> were lower than those in healthy tissues. In <i>Klf15</i> ^{-/-} mice, stimulation of angiotensin II signaling caused severe cardiomyopathy and aortic aneurysm compared with what occurred in wild-type controls. Next steps include identifying compounds that increase KLF15 function in the heart and aorta.	Patent application filed; available for licensing	Haldar, S. <i>et al. Sci. Transl. Med.</i> ; published online April 7, 2010; doi:10.1126/scitranslmed.3000502 Contact: Mukesh J. Jain, Case Western Reserve University School of Medicine, Cleveland, Ohio e-mail: mukesh.jain2@case.edu
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