This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Heart failure	Lysine (K)-specific demethylase 4A (KDM4A; JMJD2A)	Studies in patient samples and in mice suggest inhibiting KDM4A could help treat cardiac hypertrophy. In human hypertrophic heart samples, KDM4A expression was greater than that in healthy controls. In a mouse model of cardiac hypertrophy, mice lacking Kdm4a had greater heart function and smaller heart size than wild-type controls. Next steps include identifying targets of KDM4A that are involved in hypertrophic remodeling.	Unpatented; available for licensing	Zhang, Q.-J. <i>et al. J. Clin. Invest.</i> ; published online May 9, 2011; doi:10.1172/JCI46277 Contact: Zhi-Ping Liu, The University of Texas Southwestern Medical Center at Dallas, Dallas, Texas e-mail: Zhi-Ping.Liu@utsouthwestern.edu
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