This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Cardiovascular disease	MicroRNA-424 (miR-424)	Cell culture and rodent studies suggest that miR-424 could help treat cardiovascular diseases such as myocardial infarction and stroke. In rats, surgical induction of myocardial infarction led to upregulation of the rodent homolog of miR-424 compared with that in sham-operated controls. Next steps include nanoparticle-mediated delivery of synthetic miR-424 oligonucleotides in rodent models of stroke and peripheral vascular disease. <i>SciBX</i> 3(43); doi:10.1038/scibx.2010.1288 Published online Nov. 4, 2010	Patent and licensing status unavailable	Ghosh, G. <i>et al. J. Clin. Invest.</i> ; published online Oct. 25, 2010; doi:10.1172/JCI42980 Contact: Sundaram Ramakrishnan, University of Minnesota, Minneapolis, Minn. e-mail: sunda001@umn.edu