This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Atherosclerosis; intimal hyperplasia	MicroRNA-143 (miRNA-143); miRNA-145	Studies in mice and in murine tissue suggest that upregulating miRNA-143 and miRNA-145 could help treat atherosclerosis and vascular conditions. In mouse models of atherosclerosis and vascular injury, both miRNAs were downregulated in vascular smooth muscle cells compared with what was seen in healthy mice. Ongoing work includes investigating methods of targeting miRNA-143 and miRNA-145 to treat atherosclerosis and intimal hyperplasia associated with stent injury.	Patented; available for licensing	Cordes, K. <i>et al. Nature</i> ; published online July 5, 2009; doi:10.1038/nature01895 Contact: Deepak Srivastava, University of California, San Francisco, Calif. e-mail: dsrivastava@gladstone.ucsf.edu
<i>SciBX</i> 2(27); doi:10.1038/scibx.2009.1077 Published online July 16, 2009				