

## This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Various</b>				
Ischemia; reperfusion injury; myocardial infarction (MI)	Dickkopf homolog 2 (DKK2)	Rodent studies suggest that DKK2 could help treat ischemic vascular diseases. In transgenic mice overexpressing DKK2, vascular density and sprouting were greater than those in wild-type controls. In a mouse model of hind limb ischemia, intramuscular injection of DKK2 decreased necrosis compared with saline control injection. In a rat model of myocardial infarction, injection of DKK2 decreased infarct size and increased tissue repair compared with sham control injection. Next steps could include testing the strategy in additional ischemia models.	Patent and licensing status unavailable	Min, J.-K. <i>et al. J. Clin. Invest.</i> ; published online April 11, 2011; doi:10.1172/JCI42556 <b>Contact:</b> Young-Guen Kwon, Yonsei University, Seoul, South Korea e-mail: <a href="mailto:ygkwon@yonsei.ac.kr">ygkwon@yonsei.ac.kr</a>
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