

## This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Autoimmune disease</b>				
Osteoarthritis (OA)	Hedgehog (Hh) pathway	A study in human samples and in mice suggests that inhibiting the hedgehog signaling pathway could help treat OA. In patients undergoing knee replacement, tissue samples from more severely affected osteoarthritic regions had greater hedgehog signaling than samples from less severely affected regions. In a mouse model of OA, a hedgehog signaling blocker reduced disease severity compared with vehicle. Next steps could include evaluating hedgehog signaling blockers in additional animal models of OA.	Patent and licensing status unavailable	Lin, A.C. <i>et al. Nat. Med.</i> ; published online Nov. 15, 2009; doi:10.1038/nm.2055 <b>Contact:</b> Benjamin A. Alman, Hospital for Sick Children, Toronto, Ontario, Canada e-mail: <a href="mailto:benjamin.alman@sickkids.ca">benjamin.alman@sickkids.ca</a>
<p><b>SciBX 2(47); doi:10.1038/scibx.2009.1721</b>  <b>Published online Dec. 10, 2009</b></p>				