This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Inflammation				
Allergy	C-type lectin domain family 6 member A (CLEC6A; DECTIN2)	<p>Mouse studies suggest that blocking DECTIN2 in the lungs could help treat allergies. In mice challenged by an allergen, implantation of allergen-stimulated, <i>Dectin2</i>^{-/-} bone marrow cells led to lower levels of inflammatory cells and less T helper type 2 (Th2) cell-driven cytokine expression in the lungs and lymph nodes than implantation of allergen-stimulated, wild-type bone marrow cells. Also in mice, an anti-Dectin2 mAb decreased pulmonary inflammation caused by intranasal allergen challenge compared with an IgG control mAb. Next steps could include studies of DECTIN2 inhibition in other animal models of allergy.</p> <p>SciBX 4(11); doi:10.1038/scibx.2011.315 Published online March 17, 2011</p>	Patent and licensing status unavailable	<p>Barrett, N.A. <i>et al. J. Exp. Med.</i>; published online Feb. 28, 2011; doi:10.1084/jem.20100793</p> <p>Contact: Yoshihide Kanaoka, Harvard Medical School, Boston, Mass. e-mail: ykanaoka@rics.bwh.harvard.edu</p>