This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Candida	C-type lectin domain family 7, member A (CLEC7; DECTIN1); C-type lectin domain family 6, member A (CLEC6; DECTIN2)	<p>Studies in cell culture and in mice suggest that agonizing DECTIN1 and DECTIN2 could help stimulate host immunity to the pathogenic fungus <i>Candida albicans</i>. In cultured dendritic cells (DCs) lacking DECTIN1, an antibody against DECTIN2 reduced proinflammatory cytokine production following <i>C. albicans</i> exposure compared with mock treatment. In <i>Dectin1</i> knockout mice exposed to <i>C. albicans</i>, an anti-DECTIN2 antibody reduced T helper 17 cell responses after re-exposure to the pathogen, suggesting a decreased antibody response. Next steps include identifying molecules that agonize DECTIN2.</p> <p>SciBX 2(36); doi:10.1038/scibx.2009.1382 Published online Sept. 17, 2009</p>	Unpatented; licensing status not applicable	<p>Robinson, M.J. <i>et al. J. Clin. Invest.</i>; published online Aug. 24, 2009; doi:10.1084/jem.20082818</p> <p>Contact: Caetano Reis e Sousa, Cancer Research UK, London, U.K. e-mail: caetano@cancer.org.uk</p>