This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Inflammatory disease				
Asthma	IL-33; IL-1 receptor- like 1 (IL1RL1; ST2)	A study in mice suggests antagonizing the IL-33 receptor IL1RL1 could help treat influenza-induced asthma. In a mouse model of influenza-induced airway hyper-reactivity, <i>Il1rl1</i> deficiency or an IL1RL1-blocking antibody prevented the onset of symptoms compared with what was seen in wild-type mice or with antibody controls. Next steps include determining if the same pathway is involved in viral-induced asthma in patients.	Unpatented; licensing status not applicable	Chang, Y.-J. <i>et al. Nat. Immunol.</i> ; published online May 29, 2011; doi:10.1038/ni.2045 Contact: Dale T. Umetsu, Children's Hospital Boston and Harvard Medical School, Boston, Mass. e-mail: dale.umetsu@childrens.harvard.edu
SciBX 4(24); doi:10.1038/scibx.2011.688 Published online June 16, 2011				