This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Inflammation				
Allergy	Unknown	<p>Studies in mice suggest the absence of normal gut microbiota could contribute to allergies. Mice treated with antibiotics from birth had higher levels of allergy-associated IgE antibodies, circulating proinflammatory basophils and T helper type 2 (Th2) cells and greater airway inflammation than untreated controls. Next steps could include identification of bacterial molecules that suppress allergic inflammation. Vedanta Biosciences Inc. has a formulation of enteric bacteria in preclinical development to restore immune functioning in inflammatory bowel disease (IBD).</p> <p>Enterome Bioscience is developing diagnostic technology to detect abnormalities in enteric bacteria for nonalcoholic fatty liver disease, nonalcoholic steatohepatitis and IBD.</p> <p>SciBX 5(14); doi:10.1038/scibx.2012.371 Published online April 5, 2012</p>	Patent and licensing status undisclosed	<p>Hill, D.A. <i>et al. Nat. Med.</i>; published online March 25, 2012; doi:10.1038/nm.2657</p> <p>Contact: David Artis, Perelman School of Medicine at the University of Pennsylvania, Philadelphia, Pa. e-mail: dartis@mail.med.upenn.edu</p>