This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
HIV/AIDS; influenza virus	IL-28B	<p><i>In vitro</i> and mouse studies suggest that IL-28B could be a useful adjuvant for DNA vaccines. In mice, co-delivery of an adjuvant plasmid encoding IL-28B and an HIV-1 Gag protein increased Gag-specific immune responses compared with the effect of co-delivery using an IL-12 plasmid adjuvant. In mice, co-delivery of the IL-28B plasmid and a plasmid encoding the influenza nucleoprotein protected all mice from lethal influenza virus compared with the effect of using the plasmid encoding the influenza nucleoprotein alone. Next steps could include evaluating the IL-28B-encoding plasmid as an adjuvant in DNA vaccines to treat cancer or infectious disease.</p> <p>SciBX 2(15); doi:10.1038/scibx.2009.626 Published online April 16, 2009</p>	Patent and licensing status unavailable	<p>Morrow, M. <i>et al. Blood</i>; published online March 20, 2009; doi:10.1182/blood-2008-11-190520 Contact: David B. Weiner, University of Pennsylvania School of Medicine, Philadelphia, Pa. e-mail: dbweiner@mail.med.upenn.edu</p>