This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
HIV/AIDS	HIV gag polyprotein; HIV p27 (nef)	<p>Studies in cell culture suggest that stimulating HIV gag-specific and nef-specific CD4⁺ T cell populations could be useful for preventing HIV infection. In cell culture, gag- and nef-specific CD4⁺ T cells inhibited viral replication in SIV-infected macrophages and eliminated 30–40% of infected immune cells. Next steps include studying whether vaccine-induced, virus-specific CD4⁺ T cells would help reduce retroviral replication. Vironix-HIV, an adenovirus vector vaccine containing HIV gag polyprotein from Etubics Corp., is in preclinical development.</p> <p>SciBX 2(23); doi:10.1038/scibx.2009.944 Published online June 11, 2009</p>	Patent and licensing status undisclosed	<p>Sacha, J.B. <i>et al. Proc Natl. Acad. Sci. USA</i>; published online May 25, 2009; doi:10.1073/pnas.0813106106 Contact: Jonah B. Sacha, University of Wisconsin–Madison, Madison, Wis. e-mail: jbsacha@wisc.edu</p>