This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
HIV/AIDS	HIV gp41	Macaque studies suggest that a vaccine eliciting mucosal antibodies (IgAs) could help prevent HIV infection. In healthy macaques, intranasal and intramuscular immunization with a virosome that delivered two gp41 subunit antigens protected against 13 separate mucosal HIV challenges compared with intramuscular immunization alone or immunization with vehicle. Protected animals secreted gp41-specific neutralizing IgAs and IgGs in vaginal and rectal mucosa. Ongoing work includes Phase I testing of the vaccine in women and planned work includes a Phase I/II trial. SciBX 4(9); doi:10.1038/scibx.2011.256 Published online March 3, 2011	Patented by Institut National de la Santé et de la Recherche Médicale (INSERM), Mymetics Corp. and Pevion Biotech Ltd.; licensing status undisclosed	Bomsel, M. <i>et al. Immunity</i>; published online Feb. 10, 2011; doi:10.1016/j.immuni.2011.01.015 Contact: Morgane Bomsel, Institut National de la Santé et de la Recherche Médicale (INSERM), Paris, France e-mail: morgane.bomsel@inserm.fr