This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
HIV/AIDS	HIV reverse transcriptase	A study in cell culture and in rodents identified a non-nucleoside reverse transcriptase inhibitor (NNRTI) that could help treat HIV infection. *In vitro*, 10-chloromethyl-11-demethyl-12-oxo-calanolide A had antiviral activity with nanomolar EC_{50} values against multiple mutant HIV strains. Mice tolerated a single oral dose. Next steps include ongoing long-term toxicity studies. At least eight companies have NNRTIs in development stages ranging from preclinical to marketed to treat HIV/AIDS. ***SciBX*** **3(5); doi:10.1038/scibx.2010.155** **Published online Feb. 4, 2010**	Patent and licensing status unavailable	Xue, H. *et al. J. Med. Chem.*; published online Jan. 5, 2010; doi:10.1021/jm901653e **Contact:** Gang Liu, Chinese Academy of Medical Sciences & Peking Union Medical College, Beijing, China e-mail: gliu@imm.ac.cn **Contact:** Zhiwei Chen, The University of Hong Kong, Pokfulam, Hong Kong, China e-mail: zchenai@hku.hk