This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
HIV; Coxsackie B4 virus	Not applicable	<p>An SAR study characterized a series of non-nucleoside reverse transcriptase inhibitors (NNRTIs) that could be useful for treating both HIV and Coxsackie B4 virus. In human T lymphocyte cells, several indolylarylsulfone analogs blocked HIV replication with inhibitory potencies in the subnanomolar range while also inhibiting Coxsackie B4 virus with EC₅₀ values in the 3–5 µM range. Next steps include testing the compounds in animal models of HIV and Coxsackie B4 virus.</p> <p>At least six companies have NNRTIs in development stages ranging from preclinical to marketed to treat HIV/AIDS.</p> <p>SciBX 2(12); doi:10.1038/scibx.2009.495 Published online March 26, 2009</p>	Patent and licensing status unavailable	<p>Piscitelli, F. <i>et al. J. Med. Chem.</i>; published online March 12, 2009; doi:10.1021/jm801470b</p> <p>Contact: Romano Silvestri, Sapienza University of Rome, Rome, Italy e-mail: romano.silvestri@uniroma1.it</p>