

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Dengue fever	Dengue virus envelope protein E (DENV_gp1)	<i>In vitro</i> studies identified small molecule inhibitors of the viral fusion protein DENV_gp1 that could help treat Dengue fever. High throughput screening and SAR studies identified a scaffold that bound DENV_gp1. In hamster kidney fibroblasts, three compounds based on the scaffold blocked infectivity of Dengue virus serotypes 2 and 4 at low micromolar to submicromolar IC ₅₀ values. Future studies could include testing the compounds in animal models of Dengue fever.	Patent and licensing status unavailable	Schmidt, A.G. <i>et al. PLoS Pathog.</i> ; published online April 5, 2012; doi:10.1371/journal.ppat.1002627 Contact: Stephen C. Harrison, Harvard Medical School, Boston, Mass. e-mail: harrison@crystal.harvard.edu
<p>SciBX 5(17); doi:10.1038/scibx.2012.443 Published online April 26, 2012</p>				