This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Influenza virus	CD81	<p><i>In vitro</i> studies suggest inhibiting the interaction between CD81 and influenza virus could help treat or prevent infection. In a human lung cell line infected with various strains of influenza virus, small interfering RNA against CD81 decreased viral titers compared with control siRNA. A series of <i>in vitro</i> cellular assays showed that influenza virus relies on CD81 during the entry and budding stages of infection. Next steps could include developing pharmacological inhibitors that block the CD81–influenza virus interaction and evaluating them in infection models.</p> <p>SciBX 6(44); doi:10.1038/scibx.2013.1262 Published online Nov. 14, 2013</p>	Patent and licensing status unavailable	<p>He, J. <i>et al. PLoS Pathog.</i>; published online Oct. 10, 2013; doi:10.1371/journal.ppat.1003701 Contact: Xiaowei Zhuang, Harvard University, Cambridge, Mass. e-mail: zhuang@chemistry.harvard.edu</p>