

## This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Infectious disease</b>				
Influenza virus	Polymerase 1 (PB1)	<i>In vitro</i> and mouse studies identified a PB1 inhibitor that could help treat influenza. <i>In vitro</i> , the compound inhibited the growth of influenza virus, including H1N1 pandemic and avian H5N1 strains, but not influenza virus containing a PB1 mutation. In mice, the inhibitor partially protected against lethal influenza challenge and increased survival compared with saline control. Next steps include confirming that PB1 is the direct target of the inhibitor.	Patent application filed; available for licensing	Ortigoza, M.B. <i>et al. PLoS Pathog.</i> ; published online April 26, 2012; doi:10.1371/journal.ppat.1002668 <b>Contact:</b> Megan L. Shaw, Mount Sinai School of Medicine, New York, N.Y. e-mail: <a href="mailto:megan.shaw@mssm.edu">megan.shaw@mssm.edu</a>
<i>SciBX</i> 5(20); doi:10.1038/scibx.2012.524 Published online May 17, 2012				