This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Respiratory syncytial virus (RSV)	RSV nucleocapsid	<p>The crystal structure of a portion of the RSV nucleocapsid-RNA complex could help guide the development of new compounds to treat and prevent RSV infection. The crystal structure revealed three sites on the nucleocapsid that could be therapeutic targets: a cavity region containing three stacked bases; the tip of the protein's N-terminal domain, from which resistance mutations arise; and the site at which an extension in the N-terminal domain inserts. Next steps could include using the structure to guide the development of RSV nucleocapsid inhibitors.</p> <p>SciBX 2(48); doi:10.1038/scibx.2009.1764 Published online Dec. 17, 2009</p>	Patent and licensing status unavailable	<p>Tawar, R.G. <i>et al. Science</i>; published online Nov. 26, 2009; doi:10.1126/science.1177634 Contact: Jean-François Eléouët, French National Institute for Agricultural Research, Jouy-en-Josas, France e-mail: jean-francois.eleouet@jouy.inra.fr Contact: Félix A. Rey, Pasteur Institute, Paris, France e-mail: rey@pasteur.fr</p>