This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Fungal Infection	Phosphatidylinositol-3-phosphate (PI3P)	<p><i>In vitro</i> and cell culture studies suggest that blocking the cell surface phospholipid PI3P could help treat fungal infections. <i>In vitro</i> studies identified a fungal protein motif that bound PI3P and allowed uptake of fungal proteins into host cells. In cell culture, addition of PI3P-binding proteins decreased cellular uptake of fungal proteins containing the motif compared with no treatment. Next steps include identifying human fungal pathogens that bind PI3P in order to infect cells.</p> <p>SciBX 3(30); doi:10.1038/scibx.2010.925 Published online Aug. 5, 2010</p>	Patented; available for licensing	<p>Kale, S.D. <i>et al. Cell</i>; published online July 23, 2010; doi:10.1016/j.cell.2010.06.008</p> <p>Contact: Brett M. Tyler, Virginia Bioinformatics Institute at Virginia Polytechnic Institute and State University, Blacksburg, Va. e-mail: bmt Tyler@vt.edu</p> <p>Contact: Weixing Shan, Northwest A&F University, Shaanxi, China e-mail: wxshan@nwsuaf.edu.cn</p>