This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Tuberculosis (TB)	<i>Mycobacterium</i> methionine aminopeptidase 1 (MAP-1)	<i>In vitro</i> studies suggest that inhibiting a MAP-1 isoform of <i>Mycobacterium tuberculosis</i> could help treat TB. In culture, strains of <i>M. tuberculosis</i> lacking the <i>map-1</i> gene had less growth than wild-type strains. Screening and <i>in vitro</i> testing of a small molecule library identified a dichloronaphthoquinone compound with a low micromolar inhibitory effect on MAP-1. In wild-type <i>M. tuberculosis</i> , the compound inhibited growth compared with vehicle. Future studies could include testing the compound <i>in vivo</i> .	Patent and licensing status unavailable	Olaleye, O. <i>et al. Chem. Biol.</i> ; published online Jan. 29, 2010; doi:10.1016/j.chembiol.2009.12.014 Contact: Jun O. Liu, The Johns Hopkins School of Medicine, Baltimore, Md. e-mail: joliu@jhu.edu
<i>SciBX</i> 3(6); doi:10.1038/scibx.2010.191 Published online Feb. 11, 2010				