This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Infectious disease				
Malaria	<i>P. falciparum</i> cytochrome b (CYTB)	<i>In vitro</i> studies identified CYTB inhibitors that could help treat malaria. SAR studies and enzymatic assays identified a class of tetracyclic benzothiazepines that inhibited CYTB with low nanomolar IC ₅₀ values. <i>In vitro</i> , the compounds decreased proliferation of <i>Plasmodium falciparum</i> strains, including those resistant to the generic CYTB inhibitor atovaquone. Next steps include optimizing <i>in vivo</i> pharmacological properties. SciBX 5(2); doi:10.1038/scibx.2012.48 Published online Jan. 12, 2012	Unpatented; unavailable for licensing	Dong, C.K. <i>et al. Chem. Biol.</i> ; published online Dec. 23, 2011; doi:10.1016/j.chembiol.2011.09.016 Contact: Ralph Mazitschek, Harvard Medical School, Boston, Mass. e-mail: rmazitschek@mgm.harvard.edu Contact: Jon Clardy, same affiliation as above e-mail: jon_clardy@hms.harvard.edu