

### This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
<b>Infectious disease</b>				
Trypanosome	Isoleucyl tRNA synthetase (IARS)	A study in mice suggests inhibiting IARS could help treat human African trypanosomiasis. In mice infected with <i>Trypanosoma brucei</i> , IARS knockdown in the parasite or treatment with an IARS inhibitor led to rapid clearance of infection. Next steps include partnering with medicinal chemists to identify lead compounds.	Unpatented; licensing status not applicable	Cestari, I. & Stuart, K. <i>J. Biol. Chem.</i> ; published online April 2, 2013; doi:10.1074/jbc.M112.447441 <b>Contact:</b> Kenneth Stuart, Seattle Biomedical Research Institute, Seattle, Wash. e-mail: <a href="mailto:ken.stuart@seattlebiomed.org">ken.stuart@seattlebiomed.org</a>
		<b>SciBX 6(18); doi:10.1038/scibx.2013.441</b> Published online May 9, 2013		