

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Solid tumors	Glucose-6-phosphate dehydrogenase (G6PD)	An SAR study identified G6PD inhibitors that could be useful for treating solid tumors. Previous studies suggested G6PD is critical for tumor growth. <i>In vitro</i> SAR experiments identified derivatives of dehydroepiandrosterone (DHEA), a weak inhibitor of G6PD, with up to 10-fold greater potency than the parent compound. Next steps include further lead optimization and <i>in vivo</i> testing in tumor xenograft models. SciBX 5(19); doi:10.1038/scibx.2012.491 Published online May 10, 2012	Unpatented; licensing status not applicable	Hamilton, N.M. <i>et al. J. Med. Chem.</i> ; published online April 16, 2012; doi:10.1021/jm300317k Contact: Niall M. Hamilton, The University of Manchester, Manchester, U.K. e-mail: nhamilton@picr.man.ac.uk