This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Checkpoint kinase 1 (Chk1)	<p>Mouse studies identified a Chk1 inhibitor that could help treat cancer. In a transgenic mouse model of neuroblastoma, oral treatment with the lead Chk1 inhibitor, CCT244747, decreased tumor burden compared with vehicle. In a mouse xenograft model of human colon cancer, CCT244747 plus chemotherapy decreased tumor growth better than chemotherapy alone. Next steps could include optimization of the lead Chk1 inhibitor and IND-enabling studies.</p> <p>At least four companies have Chk1 inhibitors in preclinical or clinical development to treat cancer.</p> <p>SciBX 5(43); doi:10.1038/scibx.2012.1133 Published online Nov. 1, 2012</p>	Patent and licensing status undisclosed	<p>Lainchbury, M. <i>et al. J. Med. Chem.</i>; published online Oct. 19, 2012; doi:10.1021/jm3012933 Contact: Ian Collins, The Institute of Cancer Research, Sutton, U.K. e-mail: ian.collins@icr.ac.uk</p>