This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Not applicable	<i>In vitro</i> and mouse studies suggest 7-hetaryl-7-deazaadenosine-derived compounds could help treat cancer. In a panel of cancer cell lines, a lead compound inhibited RNA synthesis and cell growth at nanomolar concentrations. In a mouse model of leukemia, the lead compound prolonged overall survival compared with vehicle control. Next steps include detailed study of compound metabolism and mechanism of action as well as dose optimization.	Patent application filed; licensing status undisclosed	Bourderioux, A. <i>et al. J. Med. Chem.</i> ; published online June 29, 2011; doi:10.1021/jm2005173 Contact: Michal Hocek, Academy of Sciences of the Czech Republic, Gilead Sciences and IOCB Research Center, Prague, Czech Republic e-mail: hocek@uochb.cas.cz
<i>SciBX</i> 4(29); doi:10.1038/scibx.2011.822 Published online July 28, 2011				