This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Not applicable	<p><i>In vitro</i> and mouse studies suggest that osmium arene complexes could help treat cancer. <i>In vitro</i>, three lead osmium arene phenylazopyridine complexes were cytotoxic at low or subnanomolar concentrations in human bladder, breast, colon, lung, prostate, ovarian and cisplatin-resistant ovarian cancer cell lines. In mice with xenograft colon tumors, two of the lead compounds had maximum tolerated doses at least sixfold higher than those of the generic chemotherapeutic cisplatin. Ongoing work includes testing the efficacy of the lead compounds in animal models of cancer and elucidating their mechanism of action.</p> <p>SciBX 3(44); doi:10.1038/scibx.2010.1321 Published online Nov. 11, 2010</p>	Patented by The University of Warwick; available for licensing	<p>Fu, Y. <i>et al. J. Med. Chem.</i>; published online Oct. 26, 2010; doi:10.1021/jm100560f Contact: Peter J. Sadler, The University of Warwick, Coventry, U.K. e-mail: P.J.Sadler@warwick.ac.uk</p>