This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	DNA	<p><i>In vitro</i> studies identified 1,4,5,8-naphthalentetracarboxylic diimide derivatives that could help treat cancer. In breast cancer and leukemia cell lines, two of the derivatives had antiproliferative potency comparable to that of mitonafide (4-nitro-benzoisoquinoline-dione), a related cancer compound. The new compounds bound to DNA, causing a general antiproliferative response <i>in vitro</i>. Next steps could include testing the compounds in animal models of cancer.</p> <p>SciBX 2(40); doi:10.1038/scibx.2009.1499 Published online Oct. 15, 2009</p>	Patent and licensing status unavailable	<p>Tumiatti, V. <i>et al. J. Med. Chem.</i>; published online Sept. 16, 2009; doi:10.1021/jm901131m</p> <p>Contact: Vincenzo Tumiatti, University of Bologna, Bologna, Italy e-mail: vincenzo.tumiatti@unibo.it</p>