

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Heat shock protein 72 (HSP72); heat shock cognate 70 (HSC70)	Studies in cell culture suggest that simultaneously inhibiting HSC70 and HSP72 in tumors could help treat cancer. In human cancer cell lines, small interfering RNA knockdown of both proteins induced G1 cell-cycle arrest and tumor-specific apoptosis. Knockdown in nontumorigenic cell lines lacked these effects. The next step is to develop small molecule inhibitors of HSP72 and HSC70.	Findings not patented; available for licensing	Powers, M. <i>et al.</i> <i>Cancer Cell</i> ; published online Sept. 8, 2008; doi:10.1016/j.ccr.2008.08.002 Contact: Paul Workman, Cancer Research UK Centre for Cancer Therapeutics, Surrey, U.K. e-mail: paul.workman@icr.ac.uk