This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	ATP-binding cassette sub-family C member 1 (ABCC1; MRP; MRP1)	<i>In vitro</i> studies identified a series of flavonoid homodimers that could help reduce multidrug resistance in tumors. In ovarian cancer cells, an optimized flavonoid homodimer prevented MDR1 from interacting with and expelling the chemotherapeutic doxorubicin, leading to doxorubicin accumulation that was greater than that in untreated cells and similar to that in MDR1-negative cells. Next steps include testing the homodimers for their ability to reverse chemoresistance in animal models. SciBX 2(35); doi:10.1038/scibx.2009.1336 Published online Sept. 10, 2009	Compounds patented by The Hong Kong Polytechnic University and McGill University; available for licensing	Wong, I. <i>et al. J. Med. Chem.</i> ; published online Aug. 19, 2009; doi:10.1021/jm900194w Contact: Larry Ming Cheung Chow, The Hong Kong Polytechnic University, Hung Hom, Hong Kong, China e-mail: bclchow@polyu.edu.hk Contact: Tak Hang Chan, same affiliation as above e-mail: bcchanth@polyu.edu.hk