This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Hodgkin's disease	ATP-binding cassette sub-family C member 1 (<i>ABCC1</i> ; <i>MRP</i> ; <i>MRP1</i>)	Genetic studies identified copy number variations associated with Hodgkin's lymphoma and suggest that blocking <i>ABCC1</i> could help overcome treatment resistance. Failed treatment, relapse and shorter survival were more common in individuals with increased copy number variations in chromosome 16p compared with individuals without increased copy number variations. In a therapy-resistant Hodgkin's lymphoma line, copy number gains were identified in the multi-drug resistance gene <i>ABCC1</i> . Small interfering RNA against <i>ABCC1</i> sensitized the cancer cells to doxorubicin. Next steps include validating the findings in more cohorts. <i>SciBX</i> 3(16); doi:10.1038/scibx.2010.494 Published online April 22, 2010	The findings have not been patented; available for nonexclusive licensing worldwide for diagnostic, prognostic or theranostic applications	Steidl, C. <i>et al. Blood</i> ; published online March 24, 2010; doi:10.1182/blood-2009-12-257345 Contact: Randy D. Gascoyne, University of British Columbia, Vancouver, British Columbia, Canada e-mail: rgascoyn@bccancer.bc.ca