This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Prostate cancer	Glutathione peroxidase 3 plasma (GPX3); tumor protein p53 inducible protein 3 (TP53I3; PIG3)	*In vitro* studies suggest increasing the activity of GPX3 and PIG3 could help treat prostate cancer. In human prostate cancer cell lines and immortalized prostate epithelial cells, the tumor suppressor GPX3 colocalized with PIG3. In the same cells, anti-GPX3 and anti-PIG3 small interfering RNA decreased both reactive oxygen species (ROS) and UV-induced cell death compared with scrambled siRNA control. Next steps include additional studies of the effects of increasing PIG3 levels. *SciBX* 5(17); doi:10.1038/scibx.2012.438 Published online April 26, 2012	Findings unpatented; unavailable for licensing	Wang, H. *et al. J. Biol. Chem.*; published online March 29, 2012; doi:10.1074/jbc.M111.322636 **Contact:** Yan P. Yu, University of Pittsburgh School of Medicine, Pittsburgh, Pa. e-mail: ypyu@pitt.edu