This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Ubiquitin-specific peptidase 17-like 2 (USP17L2; DUB3)	A study in mice and in cell culture suggests that inhibiting DUB3 signaling could help treat cancer. In a mouse model of breast cancer, small hairpin RNA knockdown of <i>Dub3</i> reduced tumor growth compared with control shRNA treatment. In human osteosarcoma cells, small interfering RNA-mediated <i>DUB3</i> knockdown reduced proliferation compared with that seen using control siRNA. Next steps could include evaluating compounds that inhibit <i>Dub3</i> signaling in additional animal cancer models. SciBX 3(13); doi:10.1038/scibx.2010.402 Published online April 1, 2010	Patent and licensing status unavailable	Pereg, Y. <i>et al. Nat. Cell Biol.</i> ; published online March 14, 2010; doi:10.1038/ncb2041 Contact: Vishva M. Dixit, Genentech Inc., South San Francisco, Calif. e-mail: dixit@gene.com