This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Brain cancer	Guanylate binding protein 1 interferon-inducible (GBP1)	<i>In vitro</i> and mouse studies suggest inhibiting GBP1 could help treat glioblastoma. In glioblastoma cell lines, GBP1 knockdown decreased cell invasion, whereas GBP1 overexpression increased cell invasion. In mice, brain-implanted glioblastoma cells expressing GBP1 small hairpin RNA formed more invasive tumors than glioblastoma cells expressing a control shRNA. Next steps could include testing GBP1 inhibition in additional animal models of brain cancer.	Patent and licensing status unavailable	Li, M. <i>et al. J. Exp. Med.</i> ; published online Dec. 12, 2011; doi:10.1084/jem.20111102 Contact: Frank Furnari, University of California, San Diego, La Jolla, Calif. e-mail: ffurnari@ucsd.edu
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