This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Solid tumors	NADPH oxidase 4 (NOX4)	<p>Studies in mice and in cell culture suggest that the NOX4 inhibitor fulvene-5 could be useful for treating endothelial tumors. In mice, small hairpin RNA-mediated knockdown of NOX4 significantly reduced tumor growth compared with control shRNA treatment ($p < 0.05$). In the same model, the NOX4 inhibitor fulvene-5 significantly reduced tumor growth compared with vehicle treatment ($p < 0.05$). Next steps could include evaluating fulvene-5 and its analogs in additional animal models of solid tumors.</p> <p>SciBX 2(30); doi:10.1038/scibx.2009.1178 Published online Aug. 6, 2009</p>	Patent and licensing status unavailable	<p>Bhandarkar, S.S. <i>et al. J. Clin. Invest.</i>; published online July 13, 2009; doi:10.1172/JCI33877</p> <p>Contact: Jack L. Arbiser, Emory University School of Medicine, Atlanta, Ga. e-mail: jarbise@emory.edu</p>