SciBX
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THE DISTILLERY

This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Hypoxia-inducible factor prolyl hydroxylase 2 (EGLN1; HIF-PH2; PHD2)	Studies in mice suggest that inhibiting the oxygen sensor PHD2 could be useful for improving the delivery of chemotherapeutics. In Phd2-deficient mice, implanted tumors showed better perfusion and oxygenation and less tumor cell invasion, intravasation and metastasis than tumors in wild-type mice. Next steps include investigating both the oncogenic and tumor-suppressor effects of PHD2 inhibition in cancer cells and tumor models. *SciBX* 2(8); doi:10.1038/scibx.2009.309 Published online Feb. 26, 2009	Patent and licensing status unavailable	Mazzone, M. *et al. Cell*; published online Feb. 15, 2009; doi:10.1016/j.cell.2009.01.020 **Contact:** Peter Carmeliet, Catholic University Leuven, Leuven, Belgium e-mail: peter.carmeliet@med.kuleuven.be