

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Ecto-5'-nucleotidase (NT5E; NT; CD73)	<p>Mouse studies suggest that inhibiting CD73 could help treat cancer and prevent metastasis. In mouse models of colon cancer, lymphoma, breast cancer and melanoma, CD73 deficiency led to smaller tumor size than that in wild-type mice. In mice, a CD73 inhibitor and an anti-CD73 mAb decreased tumor size and lung metastases compared with saline and antibody controls, respectively. Next steps include studies in patients to determine whether CD73 expression in tumors or immune cells correlates with clinical outcomes.</p> <p>SciBX 4(8); doi:10.1038/scibx.2011.218 Published online Feb. 24, 2011</p>	Unpatented; licensing status not applicable	<p>Stagg, J. <i>et al. Cancer Res.</i>; published online Feb. 3, 2011; doi:10.1158/0008-5472.CAN-10-4246 Contact: John Stagg, University of Montreal, Montreal, Quebec, Canada e-mail: john.stagg.chum@sss.gouv.qc.ca</p>