

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Breast cancer	IL-25 (IL-17E); IL-17 receptor B (IL-17RB; IL-25R)	<i>In vitro</i> and mouse studies suggest that IL-25 or its mimetics could help treat breast cancer. In human breast cancer cell lines, IL-25 bound IL-25R to induce apoptosis. In mice with xenograft mammary tumors, IL-25 decreased tumor growth compared with vehicle. Planned studies include developing tumor targeting systems to deliver IL-25 or its mimetics to tumors. SciBX 4(16); doi:10.1038/scibx.2011.450 Published online April 21, 2011	Patented by Lawrence Berkeley National Laboratory and the University of California, Irvine; licensing status undisclosed	Furuta, S. <i>et al. Sci. Transl. Med.</i> ; published online April 13, 2011; doi:10.1126/scitranslmed.3001374 Contact: Mina J. Bissell, Lawrence Berkeley National Laboratory, Berkeley, Calif. e-mail: mjbissell@lbl.gov Contact: Saori Furuta, same affiliation as above e-mail: sfuruta@lbl.gov Contact Wen-Hwa Lee, University of California, Irvine, Calif. e-mail: whlee@uci.edu