This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Breast cancer	Thioesterase superfamily member 4 (THEM4; CTMP)	Studies in cell culture, mice and human tissue samples suggest inhibiting CTMP could help treat breast cancer. In a breast cancer cell line, small hairpin RNA knockdown of CTMP decreased proliferation compared with no knockdown. In a mouse xenograft model of breast cancer, CTMP overexpression increased tumorigenesis compared with wild-type CTMP expression. In human tissue samples, CTMP expression was higher in breast tumor cells than in normal cells, and expression of CTMP correlated with poor patient prognosis. Next steps could include designing and testing CTMP inhibitors in animal models.	Patent and licensing status unavailable	Liu, Y.-P. <i>et al. Cancer Res.</i> ; published online Aug. 13, 2013; doi:10.1158/0008-5472.CAN-13-0518 Contact: Pei-Jung Lu, National Cheng Kung University, Tainan, Taiwan e-mail: pjlu2190@mail.ncku.edu.tw
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