

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Skin cancer	Myeloid-lymphoid or mixed-lineage leukemia translocated to 6 (MLLT6); histone methyltransferase DOT1L (DOT1L); β -catenin (CTNNB1)	<p>Mouse studies suggest inhibiting MLLT6 or CTNNB1 could help treat squamous cell carcinoma. In a mouse xenograft model of squamous cell carcinoma, inducible small hairpin RNAs against <i>Mllt6</i> or <i>Cttnb1</i> increased tumor-free survival compared with inducible control shRNA. Next steps could include determining if inhibiting DOT1L, which is associated with MLL proteins, could have a functional role in squamous cell carcinomas.</p> <p>SciBX 6(35); doi:10.1038/scibx.2013.960 Published online Sept. 12, 2013</p>	Unpatented; licensing status not applicable	<p>Beronja, S. <i>et al. Nature</i>; published online Aug. 14, 2013; doi:10.1038/nature12464 Contact: Elaine Fuchs, The Rockefeller University, New York, N.Y. e-mail: fuchslb@rockefeller.edu</p>