This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Colorectal cancer	IL-10	<p>Mouse studies suggest orally available microparticles that deliver IL-10 could help suppress polyposis to prevent colorectal cancer. In a mouse model of polyposis, oral IL-10-encapsulating microparticles that localized to Peyer's patches and mesenteric lymph nodes decreased polyp burden and systemic symptoms and led to increased survival compared with empty microparticles. In the model, the therapeutic effect was associated with neutralization of inflammatory IL-17-producing T_{reg} cells and elevation of IL-17⁻ T_{reg} cells. Ongoing work by TherapyX Inc. includes developing a clinically applicable particle formulation and performing toxicology studies.</p> <p>SciBX 7(39); doi:10.1038/scibx.2014.1150 Published online Oct. 9, 2014</p>	Covered by issued and filed patents; available for licensing	<p>Chung, A.Y. <i>et al. Cancer Res.</i>; published online Sept. 16, 2014; doi:10.1158/0008-5472.CAN-14-0918 Contact: Nejat K. Egilmez, University of Louisville, Louisville, Ky. e-mail: nejat.egilmez@louisville.edu</p>