This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Other				
Poisoning	Bactericidal/permeability-increasing protein (BPI)	<p>Mouse and human studies suggest a recombinant BPI fragment could help decrease radiation toxicity. Patients receiving radiation conditioning for hematopoietic stem cell transplant showed endotoxemia and had lower BPI levels than before treatment. In irradiated mice, the recombinant BPI fragment plus a fluoroquinolone accelerated hematopoietic recovery, promoted stem and progenitor cell expansion and resulted in a 65%–80% survival rate compared with 0%–25% for vehicle plus fluoroquinolone. Next steps include studies in additional animals.</p> <p>SciBX 4(48); doi:10.1038/scibx.2011.1361 Published online Dec. 15, 2011</p>	Covered by issued and filed patents; licensed to an undisclosed company	<p>Guinan, E.C. <i>et al. Sci. Transl. Med.</i>; published online Nov. 23, 2011; doi:10.1126/scitranslmed.3003126 Contact: Eva C. Guinan, Children's Hospital Boston, Boston, Mass. e-mail: eva_guinan@dfci.harvard.edu</p>