This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
IL-12-expressing oncolytic herpes virus to treat glioblastoma	<p>Mouse studies identified an oncolytic virus expressing IL-12 that could help treat glioblastoma. In a mouse model for glioma stem cell-induced glioblastoma, an oncolytic herpes virus expressing a mouse <i>IL-12</i> transgene inhibited tumor growth and increased survival compared with a virus expressing no transgene or saline. In this model, the virus expressing IL-12 also inhibited angiogenesis and induced a T cell-mediated immune response against the cancer cells. Next steps include creating an oncolytic virus that could be evaluated in clinical trials.</p> <p>SciBX 6(27); doi:10.1038/scibx.2013.706 Published online July 18, 2013</p>	<p>Patented by Georgetown University and Massachusetts General Hospital; licensed to Catherex Inc.; Massachusetts General Hospital patents available for licensing</p>	<p>Cheema, T.A. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online June 10, 2013; doi:10.1073/pnas.1307935110 Contact: Samuel D. Rabkin, Massachusetts General Hospital and Harvard Medical School, Boston, Mass. e-mail: rabkin@helix.mgh.harvard.edu</p>