This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug delivery			
Phloretin-adjustable control element (PEACE) to regulate transgene expression	PEACE-mediated expression of transgenes could allow for transdermal control of levels of therapeutic proteins in subcutaneous tissue. Mice were subcutaneously implanted with cells engineered to produce secreted alkaline phosphatase in response to phloretin. A phloretin-containing skin lotion caused dose-dependent decreases in phosphatase levels compared with a phloretin-free lotion. The researchers say development of the prototype system is complete. <i>SciBX</i> 2(27); doi:10.1038/scibx.2009.1095 Published online July 16, 2009	Patent pending covering PEACE system; available for licensing from Swiss Federal Institute of Technology Zurich (ETHZ) Transfer	Gitzinger, M. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online June 22, 2009; doi:10.1073/pnas.0901501106 Contact: Martin Fussenegger, Swiss Federal Institute of Technology (ETHZ), Zurich, Switzerland e-mail: martin.fussenegger@bsse.ethz.ch