This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug delivery			
Poly[(dicarboxylatophenoxy)phosphazene] (PCPP) adjuvant for microneedle delivery of intradermal vaccines	<p>Studies in pigs suggest that the adjuvant PCPP could boost immune responses to intradermal vaccines. Microneedles were coated with a formulation of HBV antigen and PCPP, which aided the coating process. Injecting the microneedles into the skin of healthy pigs elicited anti-HBV antibody levels up to 1,000 times greater than those elicited by injecting HBV antigen alone. Future studies could test PCPP as an adjuvant to other vaccines delivered with microneedles.</p> <p>SciBX 2(43); doi:10.1038/scibx.2009.1617 Published online Nov. 5, 2009</p>	Patented by Apogee Technology Inc.; available for partnering	<p>Andrianov, A. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online Oct. 26, 2009; doi:10.1073/pnas.0908842106 Contact: Alexander K. Andrianov, Apogee Technology Inc., Norwood, Mass. e-mail: aandrianov@apogeebio.com</p>