

### This week in techniques

Approach	Summary	Licensing status	Publication and contact information
<b>Drug platforms</b>			
Influenza vaccine to induce broadly neutralizing antibodies	<p>Mouse and ferret studies suggest vaccines that induce broadly neutralizing antibodies may be useful for preventing influenza virus infection, even in humans with previous influenza exposure. Past human studies have suggested induction of broadly neutralizing antibodies could be difficult in subjects with prior exposure to influenza. In mice and ferrets with pre-existing immunity to an H1N1 influenza A virus hemagglutinin (HA), a prime and boost vaccination protocol against a second H1N1 HA induced broadly neutralizing antibodies that protected the animals from challenge with two other unmatched H1N1 strains. Next steps include using the prime-boost vaccine strategy with an adjuvant in animal models of influenza challenge.</p> <p><i>SciBX</i> 5(35); doi:10.1038/scibx.2012.942 Published online Sept. 6, 2012</p>	Patent application filed; certain aspects available for licensing	<p>Wei, C.-J. <i>et al. Sci. Transl. Med.</i>; published online Aug. 15, 2012; doi:10.1126/scitranslmed.3004273  <b>Contact:</b> Gary J. Nabel, National Institutes of Health, Bethesda, Md.                      e-mail: <a href="mailto:glabel@nih.gov">glabel@nih.gov</a></p>