This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
Hydrogen peroxide-inactivated viral vaccines	<p><i>In vitro</i> and mouse studies suggest hydrogen peroxide-inactivated viral vaccines could be used to prevent viral infections. Antibodies from mice inoculated with hydrogen peroxide-inactivated yellow fever virus showed greater antigenicity than those obtained from mice inoculated with formaldehyde- or β-propiolactone-inactivated virus. In mice, inoculation with hydrogen peroxide-inactivated vaccinia virus or West Nile virus increased neutralizing antibody titers and survival after viral challenge compared with inoculation using formaldehyde- or UV-inactivated viruses. Ongoing work includes developing improved flavivirus vaccines and cGMP manufacturing of hydrogen peroxide-inactivated vaccines against yellow fever virus, West Nile virus and dengue virus.</p> <p>SciBX 5(23); doi:10.1038/scibx.2012.613 Published online June 7, 2012</p>	Patented; licensed to Najit Technologies Inc.; available for partnering and licensing from Najit	<p>Amanna, I.J. <i>et al. Nat. Med.</i>; published online May 27, 2012; doi:10.1038/nm.2763</p> <p>Contact: Mark K. Slifka, Oregon Health & Science University, Portland, Ore. e-mail: slifkam@ohsu.edu</p>