This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
Optimized dendritic cell (DC) vaccine regimen	A study in macaques suggests that a vaccination regimen involving two distinct types of vaccines could help elicit a strong T cell response. Macaques first received a vaccination of HIV gag antigen fused to a mAb that bound DCs plus a synthetic double-stranded RNA adjuvant. Next, they received a secondary vaccination with New York vaccinia virus to boost HIV antigen responses. The primates showed greater cytotoxic T lymphocyte and $CD4^+$ T cell activity against antigen than controls receiving non–DC-targeted primary vaccine. Next steps include testing the technique with antigens from pathogens that cause malaria and tuberculosis. *SciBX* 4(16); doi:10.1038/scibx.2011.469 Published online April 21, 2011	Unpatented; licensing status not applicable	Flynn, B.J. *et al. Proc. Natl. Acad. Sci. USA*; published online April 5, 2011; doi:10.1073/pnas.1103869108 **Contact:** Robert Seder, National Institutes of Health, Bethesda, Md. e-mail: rseder@mail.nih.gov **Contact:** Ralph M. Steinman, The Rockefeller University, New York, N.Y. e-mail: steinma@mail.rockefeller.edu