This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug delivery			
Adjuvant and antigen co-delivery with nickel-chelating lipid nanoparticles	Nickel-chelating lipid nanoparticles that co-deliver antigens and adjuvants could be useful for vaccine delivery. Nickel-chelating lipid nanoparticles were formulated to carry the adjuvants monophosphoryl lipid A or cholesterol-modified CpG oligodeoxynucleotides and histidine-tagged recombinant viral or bacterial antigens. In mice, injection of the particles resulted in fivefold to sevenfold higher antibody titers than co-delivery of adjuvant and antigen as separate entities. Next steps could include testing the efficacy of the lipid nanoparticles in mouse models for viral and bacterial infection. *SciBX* 6(6); doi:10.1038/scibx.2013.152 Published online Feb. 14, 2013	Patent and licensing status unavailable	Fischer, N.O. *et al. J. Am. Chem. Soc.*; published online Jan. 18, 2013; doi:10.1021/ja3063293 **Contact:** Craig D. Blanchette, Lawrence Livermore National Laboratory, Livermore, Calif. e-mail: blanchette2@llnl.gov **Contact:** Paul D. Hoeprich, same affiliation as above e-mail: hoeprich2@llnl.gov