

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Imaging			
Chemically modified glycans for <i>in vivo</i> imaging	A study in zebrafish embryos shows that <i>in vivo</i> fluorescent imaging of glycans could be useful for detecting changes in glycosylation associated with cancer and other diseases. Noninvasive imaging of glycans revealed variation in cell-surface expression, intracellular trafficking and tissue distribution of glycans throughout zebrafish development. Further studies are necessary to determine the pharmacokinetics and metabolic stability of the imaging probes in mammalian systems before they can be used in humans.	Technology patented; available for licensing through the University of California, Berkeley Office of Technology Licensing	Laughlin, S. <i>et al. Science</i> ; published online May 1, 2008; doi:10.1126/science.1155106 Contact: Carolyn R. Bertozzi, Lawrence Berkeley National Laboratory, Berkeley, Calif. e-mail: crb@berkeley.edu