This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug platforms			
Stabilization of enzymes with polycationic branched polymers	Stabilization of enzymes with polycationic branched polymers could improve the oral delivery of therapeutics. Poly-(3,5-bis(3-aminopropoxy)benzyl)-methacrylate was conjugated to a bacteria-derived, proline-specific endopeptidase. In rats, the endopeptidase-polymer conjugate showed greater retention and catalytic activity within the stomach than the same enzyme conjugated to polymers that stabilize proteins for systemic delivery. Next steps include evaluating the impact of polymer structure, molecular weight and conjugation site on efficacy and safety.	Unpatented; licensing status not applicable	Fuhrmann, G. <i>et al. Nat. Chem.</i> ; published online June 9, 2013; doi:10.1038/nchem.1675 Contact: Jean-Christophe Leroux, Swiss Federal Institute of Technology Zurich (ETHZ), Zurich, Switzerland e-mail: jleroux@ethz.ch
	SciBX 6(27); doi:10.1038/scibx.2013.707 Published online July 18, 2013		