This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Drug delivery			
Ultrasound-stimulated microbubbles for disruption of tumor vasculature	<p>Mouse studies suggest ultrasound-stimulated disruption of tumor vasculature could be combined with radiation therapy. In a mouse xenograft model of human pancreatic cancer, i.v. microbubble injection followed by ultrasound pulses disrupted tumor vasculature. Combining the technique with gamma radiation increased cancer cell death compared with either treatment alone. Next steps include optimizing the technology's hardware and software and planning clinical trials.</p> <p>SciBX 5(29); doi:10.1038/scibx.2012.772 Published online July 26, 2012</p>	Provisional patent application filed; available for licensing	<p>Czarnota, G.J. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online July 9, 2012; doi:10.1073/pnas.1200053109</p> <p>Contact: Gregory J. Czarnota, Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada e-mail: gregory.czarnota@sunnybrook.ca</p>