SciBX
Science-Business eXchange

THE DISTILLERY

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Instrumentation			
Intra-arterial catheter for *in vivo* microstructural and molecular imaging	Tissue sample and rabbit studies suggest an intra-arterial catheter capable of molecular imaging could improve diagnosis and prognosis of cardiovascular diseases such as atherosclerosis. The catheter was designed to collect 2D and 3D imaging data. In a cadaver implanted with a coronary artery stent, the catheter produced images of the vasculature. In a rabbit model of atherosclerosis, the catheter imaged atherosclerotic plaques. Next steps could include evaluating the catheter for imaging vasculature in large animal models. *SciBX* 4(45); doi:10.1038/scibx.2011.1281 Published online Nov. 17, 2011	Patent application filed; available for licensing	Yoo, H. *et al. Nat. Med.*; published online Nov. 6, 2011; doi:10.1038/nm.2555 **Contact:** Guillermo J. Tearney, Massachusetts General Hospital, Boston, Mass. e-mail: gtearney@partners.org