

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
Mouse model of intrahepatic cholangiocarcinoma	A mouse model of cholangiocarcinoma could be used to screen for treatments of the disease. In mice, a conditionally activated mutant <i>K-Ras</i> allele plus a conditional <i>p53</i> knockout allele led to liver tumors that recapitulated human intrahepatic cholangiocarcinoma. In cell lines derived from those mouse tumors, chloroquine-mediated inhibition of autophagy lowered proliferation compared with no treatment. Next steps include characterizing the early stages of cholangiocarcinoma and incorporating additional commonly mutated genes into the model.	Unpatented; licensing status undisclosed	O'Dell, M.R. <i>et al. Cancer Res.</i> ; published online Jan. 20, 2012; doi:10.1158/0008-5472.CAN-11-3596 Contact: Aram F. Hezel, University of Rochester Medical Center, Rochester, N.Y. e-mail: aram_hezel@urmc.rochester.edu
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