

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
Cell line-based culture system for generating human bocavirus	<p>A cell line that generates human bocavirus 1 could be useful for developing vaccines and models of bocavirus infection. The genome of human bocavirus 1 was sequenced, cloned into a plasmid and inserted into the human embryonic kidney 293 (HEK293) cell line. In culture, the modified HEK293 cells generated human bocavirus 1 particles that infected primary human airway epithelial cells. Next steps could include conducting mutagenesis studies to identify attenuated strains for a vaccine, as well as screening for epitopes on the viral capsid that mediate infection of airway epithelia cells.</p> <p>SciBX 5(37); doi:10.1038/scibx.2012.991 Published online Sept. 20, 2012</p>	<p>Provisional patent application filed; available for licensing from The University of Kansas Center for Technology Commercialization Contact: Matthew Koenig, The University of Kansas Center for Technology Commercialization, Lawrence, Kan. phone: 785-864-1774 e-mail: mekoenig@ku.edu</p>	<p>Huang, Q. <i>et al. PLoS Pathog.</i>; published online Aug. 30, 2012; doi:10.1371/journal.ppat.1002899 Contact: Jianming Qiu, The University of Kansas Medical Center, Kansas City, Kan. e-mail: jquiu@kumc.edu</p>