

This week in techniques

Approach	Summary	Licensing status	Publication and contact information
Disease models			
A hepatoma-based cell culture model that supports the entire cycle of HBV and HCV	Cell culture studies suggest a hepatoma-based cell culture model could aid the study of HBV and HCV infection and replication. The hepatocellular carcinoma (HCC)-derived cell line called HLCZ01 originated from tumor tissue obtained from a male patient with HCV infection. <i>In vitro</i> , the cell line supported infection of clinically isolated HBV and HCV, producing infectious viral particles. In the cells, agents that block infection in other models and in humans decreased infection compared with no treatment. Next steps include using the cell line to explore mechanisms of viral entry and host-virus interactions.	HLCZ01 patented; unavailable for licensing	Yang, D. <i>et al. Proc. Natl. Acad. Sci. USA</i> ; published online March 10, 2014; doi:10.1073/pnas.1320071111 Contact: Haizhen Zhu, Hunan University, Hunan, China e-mail: zhuhaizhen69@yahoo.com
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