

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Non-small cell lung cancer (NSCLC)	MicroRNA-21 (miR-21)	Cell culture and mouse studies suggest that inhibiting miR-21 could help treat NSCLC. In a mouse model of K-Ras mutant NSCLC, animals lacking miR-21 had a lower tumor load than wild-type mice. In a K-Ras mutant cell line, deletion of miR-21 increased doxorubicin-induced apoptosis compared with that in similarly treated control cells. Next steps include pharmacological inhibition of miR-21 in a NSCLC mouse model.	Unpatented; licensing status undisclosed	Hatley, M.E. <i>et al. Cancer Cell</i> ; published online Sept. 13, 2010; doi:10.1016/j.ccr.2010.08.013 Contact: Eric N. Olson, The University of Texas Southwestern Medical Center at Dallas, Dallas, Texas e-mail: eric.olson@utsouthwestern.edu
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