

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Acute myelogenous leukemia (AML)	Unknown	<p>Cell culture and mouse studies suggest the generic malaria drug mefloquine could help treat AML. In cultured AML cell lines, mefloquine inhibited cell growth at low micromolar concentrations and disrupted lysosome integrity. In a mouse model of AML, mefloquine decreased tumor volume compared with vehicle control. Next steps include identifying and testing mefloquine analogs that more potently disrupt lysosomes.</p> <p>SciBX 5(49); doi:10.1038/scibx.2012.1278 Published online Dec. 20, 2012</p>	Unpatented; licensing status not applicable	<p>Sukhai, M.A. <i>et al. J. Clin. Invest.</i>; published online Dec. 3, 2012; doi:10.1172/JCI64180 Contact: Aaron D. Schimmer, University Health Network, Toronto, Ontario, Canada e-mail: aaron.schimmer@utoronto.ca</p>