

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Tubulin	<p><i>In vitro</i> and mouse studies identified derivatives of the plant-derived compound millepachine that could help treat cancer. In a panel of human cancer cells, the lead derivative inhibited proliferation with IC₅₀ values of 8–27 nM and disrupted tubulin polymerization. In four mouse xenograft models of cancer including multidrug-resistant cases, oral treatment with the lead derivative inhibited tumor growth versus vehicle. Next steps include determining efficacy in additional tumor models.</p> <p>SciBX 7(40); doi:10.1038/scibx.2014.1174 Published online Oct. 16, 2014</p>	Patented; available for licensing	<p>Yang, Z. <i>et al.</i> <i>J. Med. Chem.</i>; published online Sept. 10, 2014; doi:10.1021/jm500849z Contact: Lijuan Chen, West China Hospital of Sichuan University, Chengdu, China e-mail: chenlijuan125@163.com</p>