

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Not applicable	<p>A study in cell culture identified glutarimide-containing 12-membered macrolides that may be useful for preventing cancer metastasis. The new compounds were extracted from optimized fermentation broths of <i>Streptomyces platensis</i> and <i>S. amphibiosporus</i>. In mouse and human mammary tumor cell lines, 14 of the 25 new extracts inhibited tumor cell migration with higher potency than the glutarimide-containing 12-membered macrolide migrastatin, originally isolated from <i>S. platensis</i>. Next steps include identifying the molecular target of the compounds and replicating the cellular data in animal models.</p> <p>SciBX 2(4); doi:10.1038/scibx.2009.133 Published online Jan. 29, 2009</p>	<p>Provisional patent published; patent application filed covering chemical structure, production and use in preventing cell migration; available for licensing from the Wisconsin Alumni Research Foundation</p> <p>Contact: Paulanne Chelf, Wisconsin Alumni Research Foundation, Madison, Wis. phone: 608-263-4957 e-mail: pchelf@warf.org</p>	<p>Ju, J. <i>et al.</i> <i>J. Am. Chem. Soc.</i>; published online Jan. 9, 2009; doi:10.1021/ja808462p</p> <p>Contact: Ben Shen, University of Wisconsin-Madison, Madison, Wis. e-mail: bshen@pharmacy.wisc.edu</p>