

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Not applicable	<p><i>In vitro</i> studies suggest gold-containing indole analogs could help treat cancer. Chemical synthesis and <i>in vitro</i> testing of (phosphine)gold indole analogs identified two lead compounds that induced apoptosis in human breast cancer, colorectal cancer, cervical cancer and leukemia cell lines at low micromolar IC₅₀ values. In the cervical cancer cell line, each lead compound plus irradiation decreased cell viability compared with irradiation or vehicle alone. Ongoing work includes testing the compounds in animal models of cancer.</p> <p>SciBX 5(6); doi:10.1038/scibx.2012.144 Published online Feb. 9, 2012</p>	Patented by Case Western Reserve University; available for licensing or partnering	<p>Craig, S. <i>et al.</i> <i>J. Med. Chem.</i>; published online Jan. 30, 2012; doi:10.1021/jm2005942</p> <p>Contact: Anthony Joseph Berdis, Case Western Reserve University, Cleveland, Ohio e-mail: ajb15@cwru.edu</p> <p>Contact: Thomas Gerald Gray, same affiliation as above e-mail: tgray@case.edu</p>