

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Not applicable	<p><i>In vitro</i> and mouse studies suggest that a poly-L-lysine-based dendrimer could help treat cancer. In murine endothelial cells and in a chick embryo model of angiogenesis, the dendrimer inhibited capillary formation by up to 89% and 94%, respectively, compared with no treatment. In two mouse models of solid tumors, animals given the dendrimer had less neovascularization and tumor growth than controls. Ongoing work includes investigating the dendrimer as a delivery agent for cancer therapeutics.</p> <p>SciBX 3(6); doi:10.1038/scibx.2010.178 Published online Feb. 11, 2010</p>	Patented by The School of Pharmacy at University of London; available for licensing	<p>Al-Jamal, K. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online Feb. 1, 2010; doi:10.1073/pnas.0908401107</p> <p>Contact: Kostas Kostarelos, University of London, London, U.K. e-mail: kostas.kostarelos@pharmacy.ac.uk</p> <p>Contact: Khuloud T. Al-Jamal, same affiliation as above e-mail: khuloud.al-jamal@pharmacy.ac.uk</p>