

## This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
<b>Cancer</b>				
Cancer	Lactadherin (MFGE8; HMFG)	<p>Mouse studies suggest inhibiting MFGE8 could help decrease chemotherapy resistance. Tumor-associated macrophages in mice with colon or lung cancer stem cells had greater MFGE8 expression than non-tumor associated macrophages in control mice. In mice with cancer stem cell-derived tumors, injection of tumor-associated macrophages from <i>Mfge8</i><sup>-/-</sup> mice led to less cisplatin resistance than injection of wild-type macrophages. Next steps include further characterization of the factors released by cancer stem cells as potential targets.</p> <p><b>SciBX 4(28); doi:10.1038/scibx.2011.789</b>  <b>Published online July 21, 2011</b></p>	Patent application being filed; unavailable for licensing	<p>Jinushi, M. <i>et al.</i>  <i>Proc. Natl. Acad. Sci. USA</i>;                      published online July 11, 2011;                      doi:10.1073/pnas.1106645108</p> <p><b>Contact:</b> Masahisa Jinushi,                      Hokkaido University,                      Sapporo, Japan                      e-mail:  <a href="mailto:jinushi@igm.hokudai.ac.jp">jinushi@igm.hokudai.ac.jp</a></p>