This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cancer				
Prostate cancer	Hyalurono- glucosaminidase 1 (HYAL1)	Cell culture and mouse studies suggest inhibiting the proangiogenic HYAL1 with sulfated hyaluronic acid could help treat prostate cancer. In prostate cancer cell lines, sulfated hyaluronic acid inhibited proliferation and induced apoptosis compared with vehicle. In xenograft mice with prostate cancer cells, injection of sulfated hyaluronic acid decreased tumor growth and angiogenesis compared with injection of vehicle. Next steps could include testing sulfated hyaluronic acid in animal models of bladder and breast cancer.	Patent and licensing status undisclosed	Benitez, A. <i>et al. Cancer Res.</i> ; published online May 9, 2011; doi:10.1158/0008-5472.CAN-10-4610 Contact: Vinata B. Lokeshwar, University of Miami Miller School of Medicine, Miami, Fla. e-mail: vlokeshw@med.miami.edu
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