

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Cancer	Uridine phosphorylase 1 (UPP1)	Cell culture studies identified UPP1 inhibitors that could be useful for improving the efficacy of 5-fluorouracil (5-FU) chemotherapy. In a human colon cancer cell line, the 2 lead inhibitors increased the antiproliferative effect of 5-FU compared with vehicle as measured by a 6- and 12-fold decrease in IC ₅₀ values. Next steps include evaluating the combination therapy in additional cancer cell lines to help determine for which indications it could be most effective. <i>SciBX</i> 6(45); doi:10.1038/scibx.2013.1286 Published online Nov. 21, 2013	Patent application filed; available for licensing from the Pontifical Catholic University of Rio Grande do Sul Technology Transfer Office	Renck, D. <i>et al. J. Med. Chem.</i> ; published online Oct. 16, 2013; doi:10.1021/jm401389u Contact: Luiz A. Basso, Pontifical Catholic University of Rio Grande do Sul, Porto Alegre, Brazil e-mail: luiz.basso@pucrs.br Contact: Diogenes S. Santos, same affiliation as above e-mail: diogenes@pucrs.br