

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Cancer				
Neuroendocrine tumors	Arginase 1 (ARG1); GABA _A receptor	<i>In vitro</i> and mouse studies suggest inhibiting ARG1 or agonizing the GABA _A receptor could help treat neuroblastoma. In mice, genetic analyses identified high levels of ARG1 and low levels of GABA _A receptor as markers of increased neuroblastoma susceptibility. In human neuroblastoma cell lines, an ARG1 inhibitor or GABA _A receptor agonist decreased cell viability and growth compared with vehicle control. Next steps include testing marketed GABA _A receptor agonists as anticancer agents.	Unpatented; licensing status not applicable	Hackett, C.S. <i>et al. Cell Rep.</i> ; published online Oct. 23, 2014; doi:10.1016/j.celrep.2014.09.046 Contact: William A. Weiss, University of California, San Francisco, Calif. e-mail: waweiss@gmail.com Contact: QiWen Fan, same affiliation as above e-mail: qiwen.fan@ucsf.edu
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