This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Neurology				
Stroke	Monocarboxylic acid transporter 2 (SLC16A7; MCT2)	<p>Studies in mice suggest agonizing MCT2 could help treat sleep apnea-induced stroke. In a mouse model of sleep apnea-induced stroke, Mct2 expression was decreased compared with that in healthy mice, and small molecule inhibition of Mct2 increased infarct volume compared with vehicle control. In the same model, transgenic mice overexpressing human MCT2 had lower infarct volumes than wild-type controls. Next steps include confirming that patients with larger strokes or with poor recovery from stroke in the context of underlying sleep apnea have decreased MCT2 transcription.</p> <p>SciBX 4(29); doi:10.1038/scibx.2011.832 Published online July 28, 2011</p>	Unpatented; licensing status undisclosed	<p>Wang, Y. <i>et al. J. Neurosci.</i>; published online July 13, 2011; doi:10.1523/JNEUROSCI.1462-11.2011 Contact: David Gozal, The University of Chicago, Chicago, Ill. e-mail: dgozal@uchicago.edu</p>