

This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Cardiovascular disease				
Cardiovascular disease	Ras homolog gene family member A (RHOA)	<i>In vitro</i> and cell culture studies identified RHOA inhibitors that could help treat cardiovascular disease. <i>In vitro</i> , lead compounds inhibited RHOA with low micromolar IC ₅₀ values. In isolated rat thoracic aortas, a lead inhibitor lowered phenylephrine-induced contraction compared with vehicle control. Next steps could include designing more potent RHOA inhibitor derivatives. SciBX 4(25); doi:10.1038/scibx.2011.710 Published online June 23, 2011	Patent and licensing status unavailable	Deng, J. <i>et al.</i> <i>J. Med. Chem.</i> ; published online May 26, 2011; doi:10.1021/jm200161c Contact: Jian Li, East China University of Science and Technology, Shanghai, China e-mail: jianli@ecust.edu.cn Contact: Honglin Li, same affiliation as above e-mail: hlli@ecust.edu.cn Contact: Liyan Miao, The First Affiliated Hospital of Soochow University, Suzhou, China e-mail: miaolysuzhou@163.com