

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Renal disease				
Renal damage; renal failure	Not applicable	<p>A study in rats suggests that acetaminophen or its derivatives could help treat rhabdomyolysis-induced renal failure. Rhabdomyolysis, the breakdown of muscle tissue following injury, often causes renal failure. In rats, pretreatment with acetaminophen reduced rhabdomyolysis-induced renal failure compared with saline control pretreatment. In a second murine injury model, acetaminophen improved renal function compared with saline control. Next steps could include identifying acetaminophen derivatives with increased potency.</p> <p>SciBX 3(8); doi:10.1038/scibx.2010.255 Published online Feb. 25, 2010</p>	Patent and licensing status unavailable	<p>Boutaud, O. <i>et al. Proc. Natl. Acad. Sci. USA</i>; published online Feb. 1, 2010; doi:10.1073/pnas.0910174107 Contact: Olivier Boutaud, Vanderbilt University, Nashville, Tenn. e-mail: olivier.boutaud@vanderbilt.edu</p>