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THE DISTILLERY

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Neurology				
Spinal cord injury (SCI)	Chemokine CX3C motif receptor 1 (CX3CR1)	Mouse studies suggest inhibiting *CX3CR1* could help treat SCI. In a mouse model of SCI, *Cx3cr1* deficiency resulted in greater recovery of locomotor function than wild-type *Cx3cr1* expression ($p<0.05$). The *Cx3cr1*-deficient mice also had less inflammation and developed smaller lesions in response to injury. Next steps could include identifying and evaluating *CX3CR1* inhibitors in animal models of SCI.	Patent and licensing status unavailable	Donnelly, D.J. *et al. J. Neurosci.*; published online July 6, 2011; doi:10.1523/JNEUROSCI.2114-11.2011 **Contact:** Phillip G. Popovich, The Ohio State University, Columbus, Ohio e-mail: phillip.popovich@osumc.edu

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