This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Inflammation				
Asthma	Chemokine CX3C motif receptor 1 (CX3CR1)	Studies in mice suggest that inhibiting CX3CR1 could help treat asthma. <i>Cx3cr1</i> -deficient mice had less intense asthma symptoms in response to allergen exposure than controls with functional <i>Cx3cr1</i> . In wild-type mice, antibodies and small molecules against Cx3cr1 led to less intense allergen-induced asthma symptoms than no treatment. Next steps include studying CX3CR1 expression in T cells from asthmatic patients and generating compounds to block the receptor.	Work unpatented; available for licensing from the Institut National de la Santé et de la Recherche Médicale (INSERM) Technology Transfer Office	Mionnet, C. <i>et al. Nat. Med.</i> ; published online Oct. 31, 2010; doi:10.1038/nm.2253 Contact: Valerie Julia, University of Nice Sophia Antipolis, Valbonne, France e-mail: vjulia@unice.fr
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