

## THE DISTILLERY

## This week in therapeutics

integrin $\alpha_{\nu}\beta_{s}$ could decrease levels of proinflammatory status for findings pull T helper type 17 (Th17) cells and treat autoimmune in first study doi disease. The first study, using a mouse model of undisclosed <b>Co</b> experimental autoimmune encephalomyelitis (EAE), Ma showed that a peptide inhibitor of integrin $\alpha_{\nu}\beta_{s}$ , but Findings in second Ha not a control peptide, prevented increases in Th17 study unpatented; Ma cells and protected against disease. In the second licensing status e-r study, also in EAE mice, dendritic cell (DC)-specific undisclosed ala knockout of integrin $\alpha_{\nu}\beta_{s}$ lowered Th17 cell levels and protected animals from disease. In cocultures Me	Publication and contact information
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T cells, differentiation of T cells to proinflammatoryCoTh17 cells was impaired. Next steps for both researchCagroups could include developing small molecule ore-m	Acharya, M. et al. J. Clin. Invest.; published online Nov. 22, 2010; doi:10.1172/JCI43796 <b>Contact:</b> Adam Lacy-Hulbert, Massachusetts General Hospital and Harvard Medical School, Boston, Mass. e-mail: alacy-hulbert@partners.org Melton, A.C. et al. J. Clin. Invest.; published online Nov. 22, 2010; doi:10.1172/JCI43786 <b>Contact:</b> Dean Sheppard, University California, San Francisco, Calif. e-mail: dean.sheppard@ucsf.edu

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