



This week in therapeutics

nultiple sclerosis receptor A (RORA); agonists of RORA and ROR γ T that could help treat ap MS) RORC (ROR γ ; autoimmune diseases. In cultured mouse Cd4 $^+$ T av	Patent application filed; available for licensing	Solt, L.A. et al. Nature; published online April 17, 2011; doi:10.1038/nature10075 Contact: Thomas P. Burris, Scripps Florida, Jupiter, Fla. e-mail:
nultiple sclerosis receptor A (RORA); agonists of RORA and RORγT that could help treat autoimmune diseases. In cultured mouse Cd4+ T average autoimmune diseases. In cultured mouse Cd4+ T are cells, the RORA and RORγT synthetic ligand SR1001 decreased both T cell differentiation to T helper type 17 (Th17) cells and proinflammatory Il-17 expression compared with vehicle control. In an experimental autoimmune encephalomyelitis (EAE) mouse model	application filed; available for	published online April 17, 2011; doi:10.1038/nature10075 Contact: Thomas P. Burris, Scripps Florida, Jupiter, Fla.
disease onset and decreased disease severity compared with vehicle control. Ongoing work includes the medicinal optimization of SR1001 and RORγT-selective compounds. At least five companies have therapeutics that block IL-I7 signaling in development stages from discovery to Phase II for autoimmune diseases.		tburris@scripps.edu