This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Inflammation				
Inflammation	Inducible nitric oxide synthase 2 (NOS2; iNOS); JAK kinase (JAK); signal transducer and activator of transcription 1 (STAT1)	Cell culture studies have identified a saccharin derivative that could be useful for treating interferon (IFN)-mediated inflammation. In a murine macrophage cell line, the lead derivative inhibited lipopolysaccharide (LPS)-induced production of proinflammatory factors with an IC_{50} value of 9.61 μ M. The compound decreased LPS-induced production of proinflammatory factors by downregulating iNOS to inhibit IFN-mediated activation of the JAK/STAT1 pathway. Next steps include identifying a specific disease indication to target with the identified inhibitors.	Unpatented; licensing details available from the University of Colorado Technology Transfer Office Contact: Darcey Miller, University of Colorado, Denver, Colo. e-mail: darcey.miller@cu.edu	Csakai, A. <i>et al. J. Med. Chem.</i> ; published online May 24, 2014; doi:10.1021/jm500409k Contact: Hang Yin, University of Colorado at Boulder, Boulder, Colo. e-mail: hubert.yin@colorado.edu
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