This week in therapeutics

Indication	Target/marker/ pathway	Summary	Licensing status	Publication and contact information
Endocrine/metabolic disease				
Diabetes	Nicotinic acid adenine dinucleotide phosphate (NAADP)	Cell culture and mouse studies suggest NAADP analogs could help treat type 2 diabetes. In pancreatic β cells and adipocytes cultured in high glucose concentrations, NAADP increased intracellular insulin production and glucose uptake compared with no treatment. In a mouse model of obesity and type 2 diabetes, NAADP increased insulin production and glucose clearance compared with no treatment. Next steps include identifying stable NAADP analogs and testing them in additional diabetes models.	Patent applications filed; available for licensing	Park, K.-H. <i>et al. J. Biol. Chem.</i> ; published online Oct. 28, 2013; doi:10.1074/jbc.M113.489278 Contact: Uh-Hyun Kim, Chonbuk National University Medical School, Jeonju, South Korea e-mail: uhkim@chonbuk.ac.kr
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