

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Various				
Autoimmune disease; diabetes	Not applicable	<p>Mouse studies suggest enteric microbiota from males could help protect females from type 1 diabetes. In a mouse model of nonobese type 1 diabetes, oral transfer of enteric microbiota from adult male mice to young female mice led to testosterone-dependent decreases in the markers and incidence of type 1 diabetes compared with oral transfer of enteric microbiota from adult female mice or no transfer. Next steps include determining how commensal bacterial consortia regulate testosterone levels and how alterations in testosterone levels attenuate autoimmunity.</p> <p>SciBX 6(5); doi:10.1038/scibx.2013.121 Published online Feb. 7, 2013</p>	<p>Unpatented; available for partnering from The Hospital for Sick Children Contact: Arlene Yee, The Hospital for Sick Children, Toronto, Ontario, Canada phone: 416-813-8858 e-mail: arlene.yee@sickkids.ca</p>	<p>Markle, J.G.M. <i>et al. Science</i>; published online Jan. 17, 2013; doi:10.1126/science.1233521 Contact: Jayne S. Danska, The Hospital for Sick Children Research Institute, Toronto, Ontario, Canada e-mail: jayne.danska@sickkids.ca</p>