

This week in therapeutics

Indication	Target/marker/pathway	Summary	Licensing status	Publication and contact information
Endocrine/metabolic disease				
Mitochondrial disease	Not applicable	<p>Nuclear transfer between oocytes could prevent transmission of disorders related to mutations in mitochondrial DNA. In unfertilized denucleated oocytes from female donors, fusion with oocyte nuclear DNA from another donor generated cells with exchanged nuclear genotype and less than 1% carryover of mitochondrial DNA. The resulting oocytes showed normal differentiation and mitochondrial function and did not show detrimental spontaneous oocyte activation. Next steps could include testing the strategy in larger samples.</p> <p>SciBX 6(3); doi:10.1038/scibx.2013.56 Published online Jan. 24, 2013</p>	Patent and licensing status unavailable	<p>Paull, D. <i>et al. Nature</i>; published online Dec. 19, 2012; doi:10.1038/nature11800</p> <p>Contact: Dieter Egli, The New York Stem Cell Foundation Laboratory, New York, N.Y. e-mail: d.egli@nyscf.org</p> <p>Contact: Mark V. Sauer, Columbia University, New York, N.Y. e-mail: mvs9@columbia.edu</p>