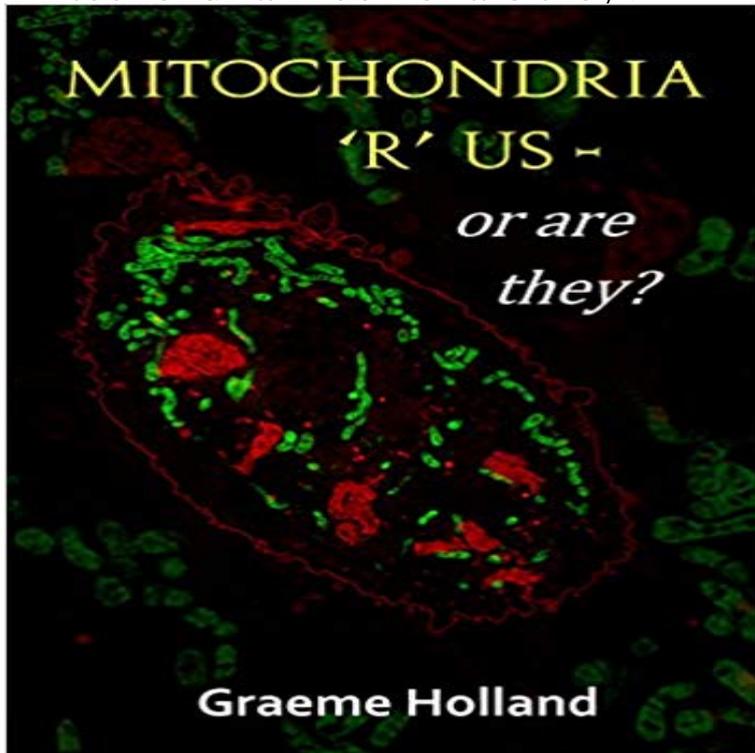


Mitochondria R us - or are they?



Technologies enabling mitochondrial transplantation have the potential to mitigate future suffering; to prevent the inheritance of mitochondrial diseases. When considering the use of germ-line modification of the type I will consider there are some who claim such modifications do not avoid the impersonal harm/benefits arguments; that depending on the timing of our actions genetic modification may affect numerical-identity, or perhaps even personal-identity (narrative-identity). The aim of this book is to contextualise the process of mitochondria germ-line modification within a detailed examination of our identity. I consider the potential of affecting identity in the context of both naturally occurring reproductive events and in respect of known identity-affecting events, in order to make the claim that the types of affects to either numerical-identity or personal-identity, resulting from mitochondria germ-line modification, should not in any sense be considered morally problematic.

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Mitochondrion - Wikipedia Rossignol R(1), Gilkerson R, Aggeler R, Yamagata K, Remington SJ, Capaldi RA.

University of Oregon, Eugene, Oregon, USA. rossig@ modifications and whether or not they are physiologically reversible. **9781326640149: Mitochondria R us - or are they? - AbeBooks** Components of a typical mitochondrion. 1 Outer membrane. 1.1 Porin. 2 Intermembrane space . They are: the outer mitochondrial membrane, the intermembrane space (the space between the Deng N, Vondriska TM, Liem DA, Yang J, Korge P, Honda H, Weiss JN, Apweiler R, Ping P (2008). Scientific American. **Energy substrate modulates mitochondrial structure and oxidative NOVA Online Neanderthals on Trial Tracing Ancestry with MtDNA** They are unique in that they have their own DNA, called mitochondrial DNA .. Mitochondrial Disease Consortium (NAMDC) with sites throughout the US and . Saneto R. Mitochondrial Medicine Society Clinical Directors Working Group: **What is mitochondrial DNA? - Genetics Home Reference** Transcript of Cells R US Project The mitochondria is the main factory. Just like in the factory they have an assembly where the goods are **African-Derived Mitochondria in South American Native Cattle Breeds** Schaefer

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