



## Mitochondrial macro-haplogroup JT may play a protective role in ovarian ageing

Submitted by Emmanuel Lemoine on Tue, 02/24/2015 - 15:45

Titre	Mitochondrial macro-haplogroup JT may play a protective role in ovarian ageing
Type de publication	Article de revue
Auteur	May-Panloup, Pascale [1], Desquiret-Dumas, Valérie [2], Moriniere, C. [3], Ferre-L'Hotellier, V. [4], Lemerle, S. [5], Boucret, L. [6], Lehais, S. [7], Chao de La Barca, Juan Manuel [8], Descamps, Philippe [9], Procaccio, Vincent [10], Reynier, Pascal [11]
Editeur	Elsevier
Type	Article scientifique dans une revue à comité de lecture
Année	2014
Langue	Anglais
Date	2014
Pagination	1 - 6
Volume	18C
Titre de la revue	Mitochondrion
ISSN	1872-8278
Résumé en anglais	<p>This study of 200 Caucasian women shows that the distribution of the mtDNA macro-haplogroups in patients with diminished ovarian reserve (DOR) differed significantly from that of patients with normal ovarian reserve (NOR) (<math>p=0.02</math>). The JT macro-haplogroup was significantly under-represented in DOR patients compared with NOR patients (<math>p=0.006</math>) and compared with the estimated frequency of 18.8% in the general French population (<math>p=0.0012</math>). Our findings suggest that the risk of a prematurely depleted ovarian reserve would be three times lower for patients carrying the JT macro-haplogroup than for patients with any of the other mtDNA haplogroups (odds ratio: 0.3; 95% CI: 0.13-0.74). If these preliminary results are confirmed in larger independent studies, they should lead to the better management of infertility.</p>
URL de la notice	<a href="http://okina.univ-angers.fr/publications/ua8325">http://okina.univ-angers.fr/publications/ua8325</a> [12]
DOI	10.1016/j.mito.2014.08.002 [13]
Lien vers le document	<a href="http://dx.doi.org/10.1016/j.mito.2014.08.002">http://dx.doi.org/10.1016/j.mito.2014.08.002</a> [13]
Titre abrégé	Mitochondrion

### Liens

[1] <http://okina.univ-angers.fr/pa.ma/publications>

[2] <http://okina.univ-angers.fr/valerie.desquiretdumas/publications>

[3] [http://okina.univ-angers.fr/publications?f\[author\]=13515](http://okina.univ-angers.fr/publications?f[author]=13515)

[4] [http://okina.univ-angers.fr/publications?f\[author\]=13516](http://okina.univ-angers.fr/publications?f[author]=13516)

- [5] [http://okina.univ-angers.fr/publications?f\[author\]=13517](http://okina.univ-angers.fr/publications?f[author]=13517)
- [6] [http://okina.univ-angers.fr/publications?f\[author\]=14354](http://okina.univ-angers.fr/publications?f[author]=14354)
- [7] [http://okina.univ-angers.fr/publications?f\[author\]=14355](http://okina.univ-angers.fr/publications?f[author]=14355)
- [8] [http://okina.univ-angers.fr/publications?f\[author\]=18505](http://okina.univ-angers.fr/publications?f[author]=18505)
- [9] [http://okina.univ-angers.fr/publications?f\[author\]=16486](http://okina.univ-angers.fr/publications?f[author]=16486)
- [10] <http://okina.univ-angers.fr/v.procaccio/publications>
- [11] <http://okina.univ-angers.fr/pascal.reynier/publications>
- [12] <http://okina.univ-angers.fr/publications/ua8325>
- [13] <http://dx.doi.org/10.1016/j.mito.2014.08.002>

Publié sur *Okina* (<http://okina.univ-angers.fr>)