

Accepted Manuscript

Title: Involvement of tRNAs in replication of human mitochondrial DNA and modifying effects of telomerase.

Authors: Meenakshisundaram Balasubramaniam, Robert J. Shmookler Reis, D. Phil, Srinivas Ayyadevara, Xianwei Wang, Akshatha Ganne, Magomed Khaidakov



PII: S0047-6374(17)30095-7
DOI: <http://dx.doi.org/doi:10.1016/j.mad.2017.07.004>
Reference: MAD 10969

To appear in: *Mechanisms of Ageing and Development*

Received date: 18-4-2017
Revised date: 14-7-2017
Accepted date: 17-7-2017

Please cite this article as: Balasubramaniam, Meenakshisundaram, Reis, Robert J. Shmookler, Phil, D., Ayyadevara, Srinivas, Wang, Xianwei, Ganne, Akshatha, Khaidakov, Magomed, Involvement of tRNAs in replication of human mitochondrial DNA and modifying effects of telomerase. *Mechanisms of Ageing and Development* <http://dx.doi.org/10.1016/j.mad.2017.07.004>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Involvement of tRNAs in replication of human mitochondrial DNA and modifying effects of telomerase.

Meenakshisundaram Balasubramaniam^{1,2}, Ph.D., Robert J. Shmookler Reis^{1,2}, D.Phil., Srinivas
Ayyadevara^{1,2}, Ph.D., Xianwei Wang³, Ph.D., Akshatha Ganne^{1,4}, M.S., Magomed Khaidakov
^{2,3,5}, M.D., Ph.D.

1 – Reynolds Institute on Aging, University of Arkansas for Medical Sciences, Little Rock, AR,
72205

2 - Central Arkansas Veterans Healthcare System, Little Rock, AR, 72205

3 – Xinxiang Medical University, Xinxiang, Henan, Peoples Republic of China

4 – University of Arkansas at Little Rock-University of Arkansas for Medical Sciences
Bioinformatics Program

5 - Department of Medicine, Division of Gastroenterology and Hepatology, University of
Arkansas for Medical Sciences, Little Rock, AR, 72205

Correspondence:

Magomed Khaidakov

mkhaidakov@uams.edu

Word count: 4895

Abstract: 236

Download English Version:

<https://daneshyari.com/en/article/5503687>

Download Persian Version:

<https://daneshyari.com/article/5503687>

[Daneshyari.com](https://daneshyari.com)