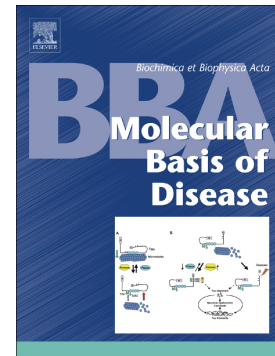


Accepted Manuscript

Senescence and declining reproductive potential: Insight into molecular mechanisms through testicular metabolomics

Ivana Jarak, Susana Almeida, Rui A. Carvalho, Mário Sousa, Alberto Barros, Marco G. Alves, Pedro F. Oliveira



PII: S0925-4439(18)30277-1
DOI: doi:[10.1016/j.bbadis.2018.07.028](https://doi.org/10.1016/j.bbadis.2018.07.028)
Reference: BBADIS 65198
To appear in: *BBA - Molecular Basis of Disease*
Received date: 4 May 2018
Revised date: 9 July 2018
Accepted date: 25 July 2018

Please cite this article as: Ivana Jarak, Susana Almeida, Rui A. Carvalho, Mário Sousa, Alberto Barros, Marco G. Alves, Pedro F. Oliveira , Senescence and declining reproductive potential: Insight into molecular mechanisms through testicular metabolomics. Bbadis (2018), doi:[10.1016/j.bbadis.2018.07.028](https://doi.org/10.1016/j.bbadis.2018.07.028)

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.

Senescence and declining reproductive potential: insight into molecular mechanisms through testicular metabolomics

Ivana Jarak^{a,b,c,1}, Susana Almeida^{b,1}, Rui A. Carvalho^a, Mário Sousa^{b,e}, Alberto Barros^{d,e,f},
Marco G. Alves^b, Pedro F. Oliveira^{b,d,e}

^a Department of Life Sciences, Faculty of Sciences and Technology and Centre for Functional Ecology (CFE), University of Coimbra, Coimbra, Portugal

^b Laboratory of Cell Biology and Unit for Multidisciplinary Research in Biomedicine (UMIB), Department of Microscopy, Institute of Biomedical Sciences Abel Salazar (ICBAS), University of Porto, Porto, Portugal

^c Health Sciences Research Centre (CICS–UBI), University of Beira Interior, Covilhã, Portugal

^d i3S, Instituto de Investigação e Inovação em Saúde, Universidade do Porto, Porto, Portugal

^e Centre for Reproductive Genetics Prof. Alberto Barros, Porto, Portugal

^f Department of Genetics, Faculty of Medicine, University of Porto, Porto, Portugal

¹ Both authors contributed equally

Corresponding authors:

Pedro F. Oliveira, PhD

Department of Microscopy, Laboratory of Cell Biology, Institute of Biomedical Sciences Abel Salazar (ICBAS), Rua de Jorge Viterbo Ferreira no. 228, 4050-313 Porto, Portugal.

Tel: +351-220-428000; E-mail: pfobox@gmail.com

Marco G. Alves, PhD

Department of Microscopy, Laboratory of Cell Biology, Institute of Biomedical Sciences Abel Salazar (ICBAS), Rua de Jorge Viterbo Ferreira no. 228, 4050-313 Porto, Portugal.

Tel: +351-220-428000; E-mail: alvesmarc@gmail.com

Running title: Testicular metabolome and reproductive maturity

Download English Version:

<https://daneshyari.com/en/article/8949192>

Download Persian Version:

<https://daneshyari.com/article/8949192>

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