Accepted Manuscript

Title: Aging-related compensated hypogonadism: Role of metabolomic analysis in physiopathological and therapeutic evaluation

Authors: Gustavo Monnerat, Fernando A.C. Seara, Joseph Albert Medeiros Evaristo, Gabriel Carneiro, Geisa Paulino Caprini Evaristo, Gilberto Domont, Jose Hamilton Matheus Nascimento, Jose Geraldo Mill, Fabio Cesar Souza Nogueira, Antonio Carlos Campos de Carvalho



PII: S0960-0760(18)30289-9

DOI: https://doi.org/10.1016/j.jsbmb.2018.05.005

Reference: SBMB 5154

To appear in: Journal of Steroid Biochemistry & Molecular Biology

Received date: 7-12-2017 Revised date: 29-3-2018 Accepted date: 20-5-2018

Please cite this article as: Monnerat G, Seara FAC, Evaristo JAM, Carneiro G, Evaristo GPC, Domont G, Nascimento JHM, Mill JG, Nogueira FCS, de Carvalho ACC, Aging-related compensated hypogonadism: Role of metabolomic analysis in physiopathological and therapeutic evaluation, *Journal of Steroid Biochemistry and Molecular Biology* (2018), https://doi.org/10.1016/j.jsbmb.2018.05.005

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.

ACCEPTED MANUSCRIPT

Aging-related compensated hypogonadism: Role of metabolomic analysis in physiopathological and therapeutic evaluation

Gustavo Monnerat^{a,*,#}, Fernando A. C. Seara^{a,*}, Joseph Albert Medeiros Evaristo^b, Gabriel Carneiro^b, Geisa Paulino Caprini Evaristo^b, Gilberto Domont^c, Jose Hamilton Matheus Nascimento^a, Jose Geraldo Mill^d, Fabio Cesar Souza Nogueira^{b,c}, Antonio Carlos Campos de Carvalho^a

^aInstitute of Biophysics Carlos Chagas Filho, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil

^bProteomics Laboratoy, LADETEC, Institute of Chemistry, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil

^cProteomic Unit, Institute of Chemistry, Federal University of Rio de Janeiro, Rio de Janeiro, Brazil

^dDepartment of Physiological Sciences, Federal University of Espirito Santo, Vitória, Brazil

*Equal contribution

*Correspondence and requests for materials should be addressed to: Gustavo Monnerat, gmc@biof.ufrj.br at: IBCCF-UFRJ, Av. Carlos Chagas Filho 373 – CCS – Bloco G, Rio de Janeiro 21941–902, Brazil. Tel./fax: +55 21 25626555.

Graphical asbtract



Download English Version:

https://daneshyari.com/en/article/8961903

Download Persian Version:

https://daneshyari.com/article/8961903

<u>Daneshyari.com</u>