Author's Accepted Manuscript

Cyclophosphamide and Acrolein induced oxidative stress leading to deterioration of metaphase II mouse oocyte quality

Roohi Jeelani, Sana N. Khan, Faten Shaeib, Hamid-Reza Kohan-Ghadr, Sarah R. Aldhaheri, Tohid Najafi, Mili Thakur, Robert Morris, Husam M. Abu-Soud



www.elsevier.com

PII: S0891-5849(17)30579-8

DOI: http://dx.doi.org/10.1016/j.freeradbiomed.2017.05.006

FRB13333 Reference:

To appear in: Free Radical Biology and Medicine

Received date: 23 November 2016

3 May 2017 Revised date: Accepted date: 7 May 2017

Cite this article as: Roohi Jeelani, Sana N. Khan, Faten Shaeib, Hamid-Rez Kohan-Ghadr, Sarah R. Aldhaheri, Tohid Najafi, Mili Thakur, Robert Morris and Husam M. Abu-Soud, Cyclophosphamide and Acrolein induced oxidative stress leading to deterioration of metaphase II mouse oocyte quality, Free Radica Biology and Medicine, http://dx.doi.org/10.1016/j.freeradbiomed.2017.05.006

This is a PDF file of an unedited manuscript that has been accepted fo publication. As a service to our customers we are providing this early version o the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable 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

Cyclophosphamide and Acrolein induced oxidative stress leading to deterioration of metaphase II mouse oocyte quality

Roohi Jeelani¹, Sana N. Khan¹, Faten Shaeib¹, Hamid-Reza Kohan-Ghadr¹, Sarah R. Aldhaheri¹, Tohid Najafi¹, Mili Thakur^{1,2}, Robert Morris^{1,3} and Husam M. Abu-Soud^{1,4}

¹Department of Obstetrics and Gynecology, The C.S. Mott Center for Human Growth and Development, Wayne State University School of Medicine, Detroit, MI 48201, USA;

²Division of Genetic and Metabolic Disorders, Department of Pediatrics and Center for Molecular Medicine and Genetics, Wayne State University School of Medicine, Detroit, MI 48201, USA;

³Karmanos Cancer Institute, Detroit, MI 48201, USA;

⁴Department of Biochemistry and Molecular Biology, Wayne State University School of Medicine, Detroit, MI 48201, USA.

Corresponding Author: Husam M. Abu-Soud, Ph.D, Department of Obstetrics and Gynecology, Wayne State University School of Medicine, The C.S. Mott Center for Human Growth and Development, 275 E. Hancock Detroit, MI 48201, Tel. 313 577-6178, Fax. 313 577-8554, E-Mail: habusoud@med.wayne.edu.

Download English Version:

https://daneshyari.com/en/article/5501723

Download Persian Version:

 $\underline{https://daneshyari.com/article/5501723}$

Daneshyari.com