

ANSWERING REVIEWERS

Name of journal: World Journal of Clinical Pediatrics

ESPS manuscript NO: 22461

Title: Fetal programming and early identification of newborns at high risk to free radical-mediated diseases

Comments to authors (reviewer 1)

To the Authors, I have read with particular interest your article entitled “Fetal programming and early identification of newborns at high risk of free radical-mediated diseases” submitted to World Journal of Clinical Pediatrics. The current work tackled a very ambitious goal: the review of the growing evidence for the oxidative stress (OS) as the crucial in utero event which will possibly trigger fetal programming and further pathological conditions such as obesity, diabetes or hypertension through lifelong. Nevertheless, you have successfully overcome this objective by an exhaustive review of the current state of art concerning this topic. This review offers a comprehensive knowledge of the most significant factors involved in metabolic syndrome from the very early stages of human development.



BAISHIDENG PUBLISHING GROUP INC

8226 Regency Drive, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: bpgoffice@wjgnet.com

<http://www.wjgnet.com>

Comments to authors (reviewer 2)

The authors have summarized recent studies the potential role of oxidative stress in fetal programming of adult disease. It will increase our understanding that oxidative stress is the common mechanism underlying intrauterine adverse environment-induced fetal programming.

Response of authors

We are very pleased with the comments received. Considering the lack of suggestions, no changes to the manuscript was made.

The corresponding author: Serafina Perrone MD, PhD, Department of Molecular and Developmental Medicine, University of Siena, Policlinico Santa Maria alle Scotte, Viale Bracci 36, 53100 Siena, Italy; Tel.: 0039 0577 586542 / 523; fax: 0039 0577 586182. E-mail address: saraspv@yahoo.it