

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**ESPS manuscript NO:** 24874

**Title:** Role of urocortin in pregnancy: An update and future perspectives

**Reviewer's code:** 01427317

**Reviewer's country:** United States

**Science editor:** Jin-Xin Kong

**Date sent for review:** 2016-02-18 09:16

**Date reviewed:** 2016-02-27 23:51

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input checked="" type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

The authors proposed the role of urocortine in Ob/Gyn and its potential for diagnostic marker for certain conditions. This is well-written manuscript. Since the expression and localization of CRF, UCN, CRF-R1 & R2 are dramatically changed during pregnancy and labor, the authors are recommended to add summary schema showing these changes, in order to make readers easily understood the dynamics of CRF/UCN pathways during pregnancy.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**ESPS manuscript NO:** 24874

**Title:** Role of urocortin in pregnancy: An update and future perspectives

**Reviewer's code:** 00733642

**Reviewer's country:** Egypt

**Science editor:** Jin-Xin Kong

**Date sent for review:** 2016-02-18 09:16

**Date reviewed:** 2016-03-21 16:38

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

## COMMENTS TO AUTHORS

1-Please clarify the effect of UCN on myometrium; how it act as stimulator and inhibitor at the same time? please revise this editing mistakes. In page 6,..."CRF increases vasodilation placental" is an editing mistake, the correct is: placental vasodilation. "As is known". Better to be "As previously known" -Page 7, line 9.....atresic follicles" should be corrected to atretic follicles. Page 8. delivered at term (37 weeks of gestation)". At term is (37 weeks or more). Page 10: "Looking at obstetrics and gynecology, the administration of UCN and/or AM may reduce the inflammatory phenomena typical of several obstetrics as well as gynecological disease". The paragraph is inaccurate: Is UCN is commercially available for administration?. What is your reference?. "Disease should be diseases".

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**ESPS manuscript NO:** 24874

**Title:** Role of urocortin in pregnancy: An update and future perspectives

**Reviewer's code:** 00742121

**Reviewer's country:** Greece

**Science editor:** Jin-Xin Kong

**Date sent for review:** 2016-02-18 09:16

**Date reviewed:** 2016-03-25 15:58

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

This is a review paper with an interesting, original topic, worthy of publication after major revision, according to the comments listed below. 1) The content of the Abstract and the main text are substantially discordant as compared with that of the title and the "Core tip". According to the title, this article presents the role of Urocortin in Obstetrics and Gynaecology. However, the Abstract and most of the main text present only the possible role of Urocortin during pregnancy. Hence, the authors should either change the title to "The role of Urocortin in pregnancy: an update and future perspectives" or add more information about gynaecologic disease and add the words "gynaecologic disease" in the title. 2) The authors should use for the main text either the structure of a systematic review (i.e. Introduction, Methods, Results and Discussion) or the structure of a narrative review (without Methods, Results and Discussion). In any case, an "Introduction" should be added. 3) Comments regarding the second section of the main text entitled "Biochemics and genetics aspects": a) the title of this section should be changed to "Biochemical and genetic aspects"; b) this section should be divided into at least three paragraphs; c) the authors should make clear in each and every case throughout this section if the information provided refers to humans or other species; d) in the

last five lines of this section the authors should be more precise on how UCN correlates with congestive heart failure, gastritis, irritable bowel syndrome, rheumatoid arthritis, major depression, atopic disorders, the onset of labor, spontaneous abortion and preeclampsia. 4) Comments regarding the third section of the main text entitled "Implications in Obstetrics and Gynecology": a) As mentioned in comment 1, this section mainly presents the possible role of Urocortin during pregnancy; hence the title of this section should be changed accordingly. b) This section should be better subdivided in subsections, and long paragraphs should be divided in shorter paragraphs. c) At the end of this section the authors mention that "UCN is increased in women with endometriomas, and its measurement may be useful for differential diagnosis etc.". More information is needed on this issue: How was UCN measured? Is UCN increased in the serum of patients with endometriomas or in endometrioma tissue? Is there any evidence on UCN levels in other ovarian cysts or other disease states? 5) Comments regarding the fourth section of the main text entitled "Hypothesis of therapeutic applications": a) This section contains data from animal studies, and this should be mentioned in the section's title; the title should be changed to e.g. "Evidence from animal studies suggesting possible therapeutic applications". b) How safe would be the use of UCN/AM during pregnancy? Is there any evidence available regarding this issue? The authors should discuss these issues at the end of this section. 6) The authors should either use British or American spelling, not both.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Clinical Cases

**ESPS manuscript NO:** 24874

**Title:** Role of urocortin in pregnancy: An update and future perspectives

**Reviewer's code:** 00038621

**Reviewer's country:** United States

**Science editor:** Jin-Xin Kong

**Date sent for review:** 2016-02-18 09:16

**Date reviewed:** 2016-03-23 05:00

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
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<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

Review for Vitale SG et al. March 2016\_BH Name of Journal: World Journal of Clinical Cases Manuscript Type: MINIREVIEWS Manuscript Title: The role of Urocortin in obstetrics and gynaecology: updates and future perspectives This review concerns the role of Urocortin(s) in obstetrics and gynaecology. This is an interesting topic worth reviewing and the authors used the MEDLINE database to search for related articles and present the most relevant and interesting papers (they cite 44 papers). Overall however, this review needs a more rigorous approach, grammatical editing, and some major revision before it is acceptable for publication. Concerns: 1. Often, the authors cite other review articles for original findings. Instead, they should cite original research articles. E.g. the citations in the final two sentences in the section entitled "BIOCHEMICS AND GENETICS ASPECTS". Also some important papers were missed in later sections, such as "Hypoxia and preeclampsia: increased expression of urocortin 2 and urocortin 3" by Imperatore A. et al. 2010 should have been cited. 2. Urocortins comprise UCN1, UCN2, and UCN3. This should be mentioned in the "BIOCHEMICS AND GENETICS ASPECTS" section, where they introduce urocortin. Throughout the manuscript, the authors mostly refer to "UCN" and it is not clear which of the

urocortins they mean. On page 7, use of terminology UCN1 and UCN2 appears and later they also mention UCN3. It is therefore confusing what they mean with UCN. Similarly, the title refers to urocortin, but which one? And if they mean all of them, it should be clarified. 3. Abstract, first sentence- the authors write coupling "to the G protein". There are several G proteins to which a particular CRF receptor can couple to and therefore, it would be more precise to say coupling "to G proteins" or mention the specific one they mean and cite appropriate reference. 4. In the abstract the authors write "In term pregnancies, maternal plasma levels of CRF and UCN are lower and correlated to labor onset. Conversely, they do not decrease in post-term pregnancies (when the labor did not physiologically occur)." It is unclear what the comparison is being made to. Levels are lower compared to what? Also the comment in the brackets needs to be corrected for grammar and needs to be more specific, e.g. induced labor? It's not clear what the authors are referring to. 5. Section entitled "Core tip", the authors wrote "Urocortin is present at higher concentrations in women with endometriomas, and its measurement may be useful for the differential diagnosis of endometriosis compared with other benign ovarian cysts." It is not clear where the measurement is taken from, which specific tissue, or do they mean plasma? 6. The sentence "There are some differences between human and rat amino-acidic UCN." in the BIOCHEMICS AND GENETICS ASPECTS section is vague and somewhat out of place. It's not clear what significant information this sentence contributes. The authors should either elaborate on the differences, or leave this sentence out. Also, the word amino- acidic needs to be revised. 7. The sentence "The inactivation of CRF-BP induces an increase of CRF and free UCN." in the BIOCHEMICS AND GENETICS ASPECTS section needs to be clearer. Where is the increase, in the brain or plasma? Why do the authors refer to "free UCN" but not free CRF? Is the increase in CRF newly synthesized CRF or is it CRF detached from CRF-BP? 8. In the IMPLICATIONS IN OBSTETRICS AND GYNECOLOGY section the first sentence should be more specific. The authors wrote about "the concentration of free CRF increases during pregnancy". They need to at least state whether they mean plasma CRF concentrations? Or placental derived CRF? Placental CRF concentrations? How much increase? And give some citations. 9. The authors wrote a section on HYPOTHESIS OF THERAPEUTIC APPLICATIONS. While the whole review was on several different obstetric and gynecological pat