

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Neurology

**ESPS manuscript NO:** 29904

**Title:** Drinking during pregnancy: Potential role of endocannabinoid signaling in fetal alcohol effects

**Reviewer's code:** 03464100

**Reviewer's country:** Australia

**Science editor:** Shui Qiu

**Date sent for review:** 2016-09-01 18:08

**Date reviewed:** 2016-09-13 16:13

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 checked="" 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 commentary by Basalingappa L. Hungund aims at presenting how the endocannabinoid pathway plays a role during FASD. Although this commentary is pretty basic and presents current knowledge and future venues on the CB pathway and alcohol consumption this reviewer feels that after modifications (see below) this manuscript should be suitable for publication in World Journal of Neurology Major comments: Figure 1 is pixelated. Please use a better image for final figure. The figure legend is unreadable A reference is missing after: alcohol metabolizing enzyme in fetal tissue A reference is missing after: normal development of nervous system machinery A reference is missing after: excitotoxic neuroinflammatory microglial activation Introduce which facial malformation in the fetus are induced by alcohol consumption from the mother As this commentary focusses on fetal development I am not sure that the paragraph on adolescence and alcohol consumption just before the Neurobiological consequences of fetal alcohol exposure paragraph starts is needed Minor comments: Please only use eCB for endocannabinoid and not for both endogenous cannabimimetic and endocannabinoid Define CNS; THC; PFC; DA In utero: utero should be in italics Add known in



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the eCB system consists of CB1 and 2 receptors, their KNOWN endogenous ligand (more endogenous ligands might exist)

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**Name of journal:** World Journal of Neurology

**ESPS manuscript NO:** 29904

**Title:** Drinking during pregnancy: Potential role of endocannabinoid signaling in fetal alcohol effects

**Reviewer's code:** 00646543

**Reviewer's country:** Mexico

**Science editor:** Shui Qiu

**Date sent for review:** 2016-09-01 18:08

**Date reviewed:** 2016-10-12 22:34

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

The FASD is a relevant disorder which presents several challenges in prevention and therapeutics. The manuscript "Drinking during pregnancy: Role of Endocannabinoid signaling in fetal alcohol spectrum disorder" by Basalingappa L. Hungund is presented as "Editorial" which, in my opinion, is not and editorial, it is too long (more than 7 pages, not numbered and 39 references). Moreover, the author claims that "In this editorial I will review..." (P3,p2,L5). The question is, is this manuscript an editorial or a review?; my answer is that it is neither. To me, it is and interesting hypothesis. As such it is quite possible, according to the arguments expressed. Some relevant points: 1.-The manuscript is too long just to sustain a possibility. It could be considerably shortened; e.g. the paragraph1 on P4,L4-5 is redundant; the last paragraph of the manuscript should be deleted and many concepts are repeated unnecessarily 2.- Some arguments are confusing; e.g. "recent studies seem to suggest" (P2,p1,L7-8) they either seem or suggest; "possible therapeutic treatment" (P2,p2,L4-5) either therapeutic or treatment. 3.- Some possibilities are expressed as evidences, if this is so, specific references are lacking (e.g. P7,P1,L1-2; P7,p2,L3-7). 4.- Looking at the references there



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seems to be an absence of experimental studies on the role of eCBs in alcohol toxicity. If this is so, the manuscript should express the need for such evidences before the suggestion for therapeutic approaches. 5.- The title do not correspond to the contents; I suggest that the word "role" could be changed for something as "potential participation".

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Neurology

**ESPS manuscript NO:** 29904

**Title:** Drinking during pregnancy: Potential role of endocannabinoid signaling in fetal alcohol effects

**Reviewer's code:** 02716549

**Reviewer's country:** United States

**Science editor:** Shui Qiu

**Date sent for review:** 2016-09-01 18:08

**Date reviewed:** 2016-10-09 11:05

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

## COMMENTS TO AUTHORS

Please add some figures to better comprehend the significance of this review article

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Neurology

**ESPS manuscript NO:** 29904

**Title:** Drinking during pregnancy: Potential role of endocannabinoid signaling in fetal alcohol effects

**Reviewer's code:** 00631847

**Reviewer's country:** Taiwan

**Science editor:** Shui Qiu

**Date sent for review:** 2016-09-01 18:08

**Date reviewed:** 2016-10-10 21:42

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" 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"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

This is a well written review concerning the role of endocannabinoid signaling related to the development of fetal alcohol spectrum disorder. The review will be very helpful for the readers and should be published.