ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Oncology
ESPS manuscript NO: 20134
Title: Fluoxetine induces cytotoxic endoplasmic reticulum stress and autophagy in triple negative breast cancer
Reviewer's code: 00646291
Reviewer's country: United Kingdom
Science editor: Xue-Mei Gong
Date sent for review: 2015-05-31 10:39
Date reviewed: 2015-06-30 21:11

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

COMMENTS TO AUTHORS

Major comments The authors need to discuss why they did not follow the potential induction of CHOP and GADD34 upon fluoxetine treatment since as it is mentioned in the introduction "If proper protein folding capacity is not restored, then all three arms of UPR induce CHOP (CCAAT/enhancer binding protein-homologous protein) and GADD34 (growth arrest and DNA damage 34) to stimulate apoptosis".   The supplier and code numbers of the antibodies used in the reverse phase protein microarray and western blot analysis should be included in the materials and methods section. Does the 15μg and 30μg in Figure 4A indicate amount of protein of SUM149PT and Late and Early MCF10A cellular extract loaded? Please indicate in the figure legend and specify the amount loaded in Figures 4B, C and D. Please discuss similarities differences in the induction of autophagic and UPR indicator proteins in triple negative breast cancer cells treated with classical ER stress inducers versus fluoxetine. Please indicate the meaning of the dots in the Table S1. Minor comments Page 12: Although MCF10A originated from the same mastectomy fibrocystic diseased tissue, several variations of this cell line exist. Page 13:   Meanwhile, the Early MFCF10A did not undergo

autophagy at either time point. Page 19: These proteins (were) are components of the highly integrated autophagy, UPR, and apoptosis in response to ER and metabolic stress.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Oncology
ESPS manuscript NO: 20134
Title: Fluoxetine induces cytotoxic endoplasmic reticulum stress and autophagy in triple negative breast cancer
Reviewer's code: 02682232
Reviewer's country: Iran
Science editor: Xue-Mei Gong
Date sent for review: 2015-05-31 10:39
Date reviewed: 2015-07-08 17:12

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

COMMENTS TO AUTHORS

Dear Authors, Your paper is very good becouse has many diffrent cell lines And rich methods but, - you should make much measurement atlest 10-15. - you made 24 & 48 h, but you need 4,8,12,24&48 h
Best regards