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## PEER-REVIEW REPORT

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

**Manuscript NO:** 39548

**Title:** Polyubiquitination inhibition of estrogen receptor alpha and its implications in breast cancer.

**Reviewer's code:** 03259512

**Reviewer's country:** Australia

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2018-04-27

**Date reviewed:** 2018-05-01

**Review time:** 3 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

### SPECIFIC COMMENTS TO AUTHORS

The review aimed to discuss the mechanisms of ER $\alpha$  polyubiquitination. The Review is well written and comprehensive. Few minor points to address 1. Abstract: "... is inhibited by multiple mechanisms" – it is necessary to be more specific here and list



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some of the mechanisms. 2. Protein interacting with never in mitosis A – “Never” should be in uppercase 3. Figure 3: authors should indicate/accnt whether the amount of ERalpha is being increased or remain the same; indicate that ER signalling is being stimulated as well.... The ER stability does not indicate this. 4. MUC1 -related mechanisms is the most attractive. Authors might should consider extending the paragraph and draw the separate figure for this topic. The recently shown association between ERalpha - MUC1 - cancer pregression is complex. Authors should cite and discuss this new paper: Kotzsch M, Kirchner T, Soelch S, Schäfer S, Friedrich K, Baretton G, Magdolen V, Luther T. Inverse association of rab31 and mucin-1 (CA15-3) antigen levels in estrogen receptor-positive (ER+) breast cancer tissues with clinicopathologicalparameters and patients' prognosis. Am J Cancer Res. 2017 Sep 1;7(9):1959-1970.eCollection 2017. PubMed PMID: 28979817; PubMed Central PMCID: PMC5622229.

## INITIAL REVIEW OF THE MANUSCRIPT

### *Google Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

### *BPG Search:*

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No



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