



**Baishideng
Publishing
Group**

7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https:// www.wjgnet.com

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Oncology

Manuscript NO: 40013

Title: Lymphocyte subsets predictive value and possible involvement of HPV infection on breast cancer molecular subtypes

Reviewer's code: 00862649

Reviewer's country: United States

Science editor: Fang-Fang Ji

Date sent for review: 2018-05-28

Date reviewed: 2018-05-31

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 type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input 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 type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The authors have done a nice job analyzing a set of newly diagnosed breast cancer tumors and a set of control breast tissues. The evaluated the associations between Luminal types and HPV status and circulating CD8/CD4/NK cells. The finding that

there may be a link between HPV status and a more favorable Luminal phenotype was of interest. The levels of the immune cell subsets as they related to histological phenotype and HPV were not dramatically correlated, but it was a worth while analysis. It would have been of interest to subset the CD8 cells into T-Killer and T-regulatory classes.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

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



**Baishideng
Publishing
Group**

7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https:// www.wjgnet.com

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Oncology

Manuscript NO: 40013

Title: Lymphocyte subsets predictive value and possible involvement of HPV infection on breast cancer molecular subtypes

Reviewer's code: 03478911

Reviewer's country: South Korea

Science editor: Fang-Fang Ji

Date sent for review: 2018-06-06

Date reviewed: 2018-06-11

Review time: 4 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 type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" 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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This study was conducted to investigate the relationship between HPV and immune response, especially molecular subtypes of immune cells, according to genetic characteristics of breast cancer. The investigating all clinical studies are valuable that

have a positive impact on prognosis prediction. However, this reviewer raises some concerns about this study. 1. The theoretical description of HPV types was lack. It is unclear why the various types of HRP was mentioned in the discussion. It needs to clarify whether there is a purpose to describe relationship between the type of HRP and the molecular subtype of immune cells. 2. There was no description of IRB information for clinical research and no description of the methods for the molecular subtypes classification of immune cells. 3. In this study, it did not consider the possibility that the system of immunity might change following age. This reviewer suggests that it would be a better to add a distinction to age-related classification of immune cell subtypes. 4. In the discussion, the authors should mainly describe the discussion of the association of HPV infection with the ration of the CD8+ cells, but did not so. And, there are a number of describing paragraphs in the discussion part that are not relevant to their results, therefore a reorganization in discussion part as a whole is required.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

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



**Baishideng
Publishing
Group**

7901 Stoneridge Drive, Suite 501,
Pleasanton, CA 94588, USA
Telephone: +1-925-223-8242
Fax: +1-925-223-8243
E-mail: bpgoffice@wjgnet.com
https:// www.wjgnet.com

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Oncology

Manuscript NO: 40013

Title: Lymphocyte subsets predictive value and possible involvement of HPV infection on breast cancer molecular subtypes

Reviewer's code: 02510728

Reviewer's country: Turkey

Science editor: Fang-Fang Ji

Date sent for review: 2018-06-15

Date reviewed: 2018-06-18

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 type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" 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 following issues must be discussed: 1-The importance of the CD3,CD4 and CD8 should be emphasized in cancer recurrence and overall survival. 2- While a predictive benefit of CD3,CD4 and CD8,efficacy of tests has not yet to be demonstrated.In this

study, authors were not find a predictive factor except CD8. The Number of patients is low. It is difficult to decide statistically. 3- The Non genetic factors (age, menarche etc) in the introduction is repeated in the discussion. This paragraph must be removed from introduction section. 4- The mechanism of HPV-induced tumors is different and emphasizes the differentiation from the mechanism of breast cancer

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

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

BPG Search:

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