Author’s response to reviews

Title: The frequency of BRCA1 founder mutation c.5266dupC (5382insC) in breast cancer patients from Ukraine

Authors:

Ielizaveta Gorodetska (elizaveter@yandex.ua)
Svitlana Serga (luchiksveta05@gmail.com)
Natalia Levcovich (nata.levkovich83@gmail.com)
Tetiana Lahuta (ceretern@gmail.com)
Ludmila Ostapchenko (_ostap@univ.kiev.ua)
Serhii Demydov (demidov.81@gmail.com)
Nikolai Anikusko (nickolayanikousko@yahoo.com)
Valerii Cheshuk (v.cheshuk@gmail.com)
Ivan Smolanka (iislomanka@gmail.com)
Svitlana Skliar (sskliar@yandex.ru)
Serhii Polenkov (dokpolenkov@rambler.ru)
Oleksandr Boichenko (aleksandr-bojchenko@yandex.ru)
Iryna Kozeretska (iryna.kozeretska@gmail.com)

Version: 4 Date: 13 August 2015

Author’s response to reviews: see over
Reviewer's report

Title: The frequency of BRCA1 mutation in breast cancer patients from Ukraine

Version: 2 Date: 15 July 2015

Reviewer: Frans Hogervorst

Reviewer's report:

major compulsory revisions:

1: In the last paragraph of the findings section the authors mention specifically: that in contrast to other reports our results suggest no difference in ... mutation frequencies ......between patients with and without family history of the disease. This is an important message however the authors don't provide any data other than: We documented family history of disease.

Can the authors describe in more detail the family history data which support their findings e.g by providing a table.

_We described in more details the family history data, which support our findings._

2: I miss a recommendation /conclusion whether or not to screen for the mutation in all Ukrainian breast cancer patients

_We added a recommendation about importance to screen for the mutation in all Ukrainian breast cancer patients._

minor essential revisions

3: abstract: carriers instead of bearers.

_We changed “bearers” by “carriers”_

4: 5382insC, please mention once the HGVS nomenclature: c.5266dupC p.Gln1756fs

_We mentioned the HGVS nomenclature_

5: detection frequency: 4.66%, use 4.7% (same holds for other percentages). the overall numbers are small and do not justify such detailed percentages.

_We rounded the percentages_

6: last paragraph findings: replace 'in our resulst' by 'our results'

_We replaced 'in our results' by 'our results'_

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable
**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**
I have no competing interest