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 (l_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-boichenko@yandex.ru)
Iryna Kozeretska (iryna.kozeretska@gmail.com)

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Presented article reports the frequency of BRCA1/2 mutations in breast cancer patients from Ukraine. Breast cancer is one of the most common causes of cancer-related deaths around worldwide. A number of germline mutations in genes, such as BRCA1/2, are known to greatly increase the risk of breast cancer development if present in the genome. In the present study, we demonstrate that the BRCA1 mutation 5382insC is a high-frequency germline mutation in the Ukrainian population associated with elevated breast cancer risks. We analyze our results in the context of data published for eastern Slavic nations and demonstrate that 5382insC and two other lower frequency BRCA1/2 germline mutations are evenly represented among eastern Slavic breast cancer patients. The manuscript is not under consideration in any other journal. All authors have approved the manuscript and submission to the journal. The authors made revisions and now we wish to submit this paper as a letter. It was added more numbers of women screened. English native speaker corrected inaccuracy of language. All major and minor issues given by Rob B van der Luijt and Frans Hogervorst were corrected.