Reviewer’s report

Title: Spectrum and frequencies of BRCA1/2 mutations in Bulgarian high risk breast cancer patients

Version: 2 Date: 1 December 2014

Reviewer: Grazia Palomba

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GENERAL

In this study, 200 Bulgarian women with breast cancer, selected by the recognized criteria were screened for BRCA1/2 germline mutations using Sanger sequencing. This is the first comprehensive study of the BRCA1/2 mutation spectrum in Bulgaria.

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Major Compulsory Revisions

The question of the study is well defined.

Although the mutation screening of Brca1/2 have been well conducted, the results are not well presented.

The classification of mutations should be condensed, including only the most salient details.

Study has some limitations: the patients were not classified by ethnic origin and the authors do not present any graphical figures demonstrating the geographical distribution of BRCA1-2 mutations carriers in Bulgaria.

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Minor Essential Revisions

NONE

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare to have no competing interest.