Reviewer’s report

Title: Prevalance of BRCA1 and BRCA2 mutations in familial breast cancer patients in Lebanon.

Version: 2 Date: 15 May 2012

Reviewer: Marcin Lener

Reviewer’s report:

I. Manuscript submitted for review meets the standards of present research. The title is taken appropriate to the research problem. Abstract clearly shows the main themes of work, the results and conclusion. Generally, the methods used to reach the objective of the research are properly chosen.

Perhaps the sequences of the primers and annealing temperature should be included in the manuscript (Discretionary Revisions).

II. The results presented in the work are well and clearly described.

III. May arouse interest in drawing attention to the desirability of testing for differences in the prevalence of BRCA1 / 2 depending on the ethnic differences (Muslims, Christians). Hence, the authors question whether such tests have already been taken earlier? Such information could be included in the discussion (Discretionary Revisions).

IV. The overall assessment submitted manuscript is interesting, the initial development of mutations in the genes BRCA1 / 2 familial breast cancer in Patients with Middle Eastern origin. This large value of this work, as well as the presentation by the authors of the new has not yet reported 17 variants within the genes presented, with the seven confirmed the association with the occurrence of the disease.

The manuscript can be accepted for publication in HCICP.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

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