Reviewer's report

Title: Can selenium levels act as a marker of colorectal cancer risk?

Version: 1 Date: 17 February 2013

Reviewer: Arvids Irmejs

Reviewer's report:

Question posed by author is well defined. Methods are appropriate and well described. Data are sound. Discussion and conclusions are well balanced and adequately supported by data.

Discretionary Revisions

1) Please consider to discuss more following question: if differences in selenium level between Poland, Estonia and USA is so marked, why colorectal cancer incidence in USA is still higher? (Globocan 2008) In future it would be very interesting to study se level in Australia, Norway and other high crc incidence countries in order further to evaluate the correlation between se level and crc risk

2) In results and discussion section first sentence levels should be changed for levels

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.

Declaration of competing interests:

'I declare that I have no competing interests'