Author's response to reviews

Title: Simultaneous expression of flotillin-1, flotillin-2, stomatin and caveolin-1 in non-small cell lung cancer and soft tissue sarcomas.

Authors:

Ksenia A Arkhipova (ksenia.arhipova@gmail.com)
Anastasia N Sheyderman (shneyderman.an@gmail.com)
Konstantin K Laktionov (lkoskos@mail.ru)
Valeria V Mochalnikova (mochalnikova70@yandex.ru)
Irina B Zborovskaya (zborovskaya@mail.ru)

Version: 2 Date: 25 June 2013

Author's response to reviews: see over
Dear Editor,

After peer review of our manuscript entitled “Simultaneous expression of flotillin-1, flotillin-2, stomatin and caveolin-1 in non-small cell lung cancer and soft tissue sarcomas” in Molecular Cancer journal, we have been offered an opportunity to transfer it to BMC Cancer journal. We revised our manuscript according to reviewers’ suggestions and provide our responses to their comments in the attached file. We appreciate the opportunity to submit our manuscript for consideration of publication as an Original Research Article in BMC Cancer journal.

Microdomain-forming proteins draw more and more attention in the context of tumor progression and metastasis due to their ability to interact with and regulate residential proteins. However, there are no data about role of flotillins and stomatin in lung tumor or soft tissue sarcoma development. Furthermore, the results presented here demonstrate, for the first time, the involvement of stomatin in the carcinogenesis process. While the similar investigations usually focus on expression analysis of proteins belonging to the same family, (for example, caveolins only), we conducted a study of microdomain-forming proteins expression from different protein families. As a result, we were able to find correlations between mRNA expression of studied proteins and one of these correlations (between stomatin and flotillin-1) was strong and common for both types of tumors.

We believe that our work would be of interest to oncologists of all disciplines as well as to scientists in the field of microdomain biology. As a modern international journal devoted to the rapid dissemination of significant biological and medical findings in oncology, BMC Cancer journal represents the perfect platform for us to share these results with the international research community.

We confirm that this manuscript has not been published elsewhere and is not under consideration by another journal.

The authors declare that they have no competing interests.

All authors have approved the manuscript and agree with its submission to BMC Cancer journal.

Please address all correspondence to: ksenia.arhipova@gmail.com

We look forward to hearing from you at your earliest convenience.