

Certificate of Biostatistics

23 April 2021

To whom it may concern

Title of study: **Tumor irradiation may facilitate the detection of tumor-specific mutations in plasma DNA**

Chief investigator: **Evgeny N Imyanitov, MD, PhD, Professor**, Chief of the Department of Tumor Biology, Laboratory of Molecular Oncology, N.N. Petrov Institute of Oncology, Pesochny-2, 197758 St.-Petersburg, Russia.

This letter is to confirm that I have read the manuscript, and that in my opinion the statistical methods and techniques mentioned are appropriate for the research.

Please contact me if you have any queries

Sincerely

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