Documentary Proof of Ethical Clearance

Committee on Human Rights Related to Research Involving Human Subjects Saint Petersburg Clinical Research and Practical Centre for Specialized Types of Medical Care (Oncological), Saint-Petersburg, Russia

Title of the Project: Analysis of association between the local tumor irradiation and the

probability of detection of tumor-specific mutations in plasma DNA

Protocol Number:

Principal Investigator: Fedor V. Moiseenko, MD, PhD

Official Address: Leningradskaya Str. 68A, St Petersburg, 197758

New Title 1

(Approval 19.02.2021) Tumor irradiation may facilitate the detection of tumor-specific

mutations in plasma DNA

The aforementioned project has been reviewed and approved by the Committee on Human Rights Related to Research Involving Human Subjects, based on the Declaration of Helsinki

Signature of Chairman

Committee on Human Rights Related to Research Involving Human Subjects

Date of Approval

Duration of Study

January 14, 2019

18 months