Satvaldina Nazerke

During the period from January 25 to February 1, 2019, I participated in the educational workshop "Biostatistics", which was held at the North-Western State Medical University (NWSMU) named after I.I.Mechnikov (St. Petersburg, Russia).

This course provided by Head of the Department of Pedagogy, Philosophy and Law, professor S. L. Plavinsky. The course gave an overview of the traditional inferential statistics and advanced methods. I discovered software tools like ‘R’ and ‘SAS University Edition’, for description of the data and finding relationship between different variables. I confirmed for myself, that biostatistics plays a big role in public health and medical investigations, because it is necessary to have evidence-based results of research. I found out the principles of various study designs, their advantages and disadvantages and appropriate cases to use them. Learned a lot of themes as ‘History of Biostatistics’; ‘Observation and Experimental design in health sciences’; ‘Descriptive statistics’; ‘Hypothesis testing and confidence intervals’; ‘Analysis of variance’; ‘Qualitative research methods’, etc.

Moreover, it was very exciting to visit History Museum of the University, whose history begun from the creation of the Clinical Institute of Grand Duchess Elena Pavlovna and attend wonderful The State Hermitage Museum.

The whole studying was very interesting and challenging. At the end of seminar we were awarded certificates by Vice-rector of Preventive Medicine, professor A.V. Melzer that the 40 hours of study completed with a combination of lectures, practical work, self-study and examination tests and they account for a total of 2 Credits.