

Rind Anastasiia

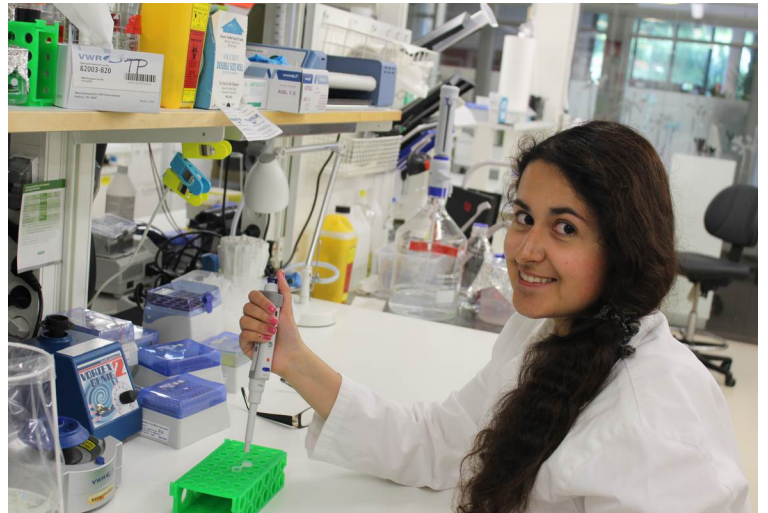
Saint-Petersburg State Pediatric Medical University

Research internship at Karolinska Institute

“Neurodegenerative disorders”

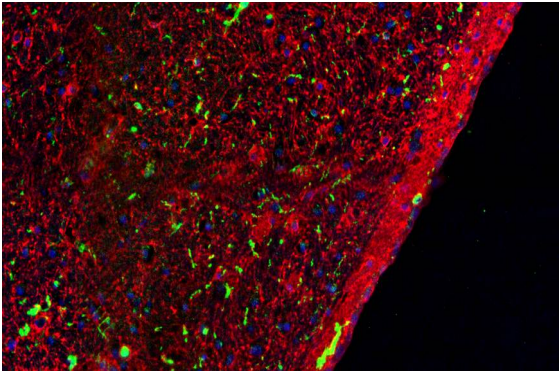
Visiting researcher at Stockholms Lans Landsting, Department of Healthcare

“Russian-Swedish comparison of Healthcare systems”

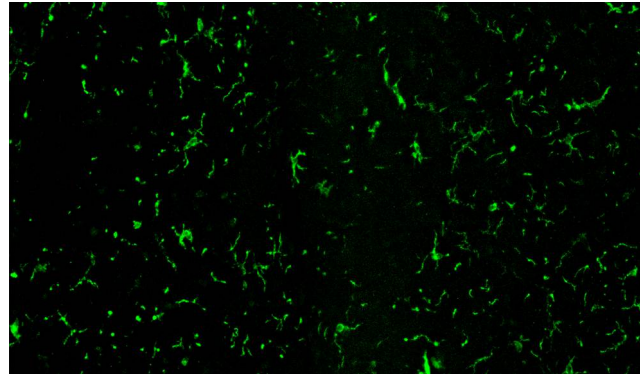


Firstly, I would like to thank all the members of the Sverker Åström Foundation for giving me the opportunity to work under my research project in Sweden. I also want to express my deepest gratitude to the President of the Foundation Disa Håstad for help and responsiveness.

During the entire period of staying in Sweden I was an intern at Karolinska Institute at the Neuroscience department (Dept. of Tissue Profiling, SciLifeLab). I have conducted research under the supervision of Jan Mulder focused on the analysis of gene expression in neurodegenerative diseases such as dementia, Alzheimer's disease, Parkinson's disease. As the material we used hippocampal biopsy material, as the method – indirect immunofluorescence using primary and secondary antibodies. For visualization of fluorescent labels we used: Fluor, DAPI, Cy3.5, Cy5. We have conducted the scanning, analyzed and compared the expression of the following genes: Iba1 (microglia marker), GFAP (astrocytic marker), Olig2 (oligodendrocyte marker), SLC1A3 (glutamate transporter), CNP (cyclic nucleotide phosphodiesterase), ADD3 (adducin), MT3 (metalloprotein). I would like to present results at the International Congress of Medical Sciences in Netherlands. I would like to say thank to all the staff of SciLifeLab and the Tissue Profiling department for positive response to my research interests, and especially to Jan Mulder, Nicholas Mitsios, Sara Moberg, Jae-Kyung Shin, Markella Nikopoulos-Themeli for help and very warm reception.



Different types of nervous cells



Astrocytes

Moreover, I was interested in organisation of Healthcare in Sweden. I have finished two draft papers on healthcare in Russia and Sweden, particular on e-Health. Besides, I made one speech at the Life Science Partnership Forum where I presented my research on comparison of Russian and Swedish healthcare systems. I also met several times a very interest and wise person Bjorn Wettermark (Stockholms Lans Landsting) with whom I discussed many topics from organisation of healthcare to biotechnology.



With Bjorn Wettermark and Lena Furmark (SLL)



My laboratory team

I have made the presentation about Russian Healthcare System «Using telemedicine as the tool of e-medicine» at the Department of e-Health and Strategic IT. I have visited a lot of biotechnology companies such as Biobank, Biosync Technology, Cancer Research Centre, Famna.

My stay in Sweden was culturally and socially enriching I explored Stockholm

extensively and was fascinated by their parks, churches and monuments. I visited many of Stockholm's museums and learned a lot about Sweden's nature, history, and material and spiritual culture. I made many friends in Sweden with whom I will keep in touch in the future.



Tea party



Disa's Dacha

In conclusion I want to say that I am happy to be the part of the growing community of the Foundation stipendiates. It is a great opportunity for all to discover Sweden, to meet new people there and build successful collaborations.

Tack sa mycket!