

Report on the 2nd visit of Dr Oksana Kovtonyuk in the Department of Medicine, Center for Molecular Medicine, Karolinska Institutet, Sweden within 7PR21/BASTION/WP1 (Twinning)

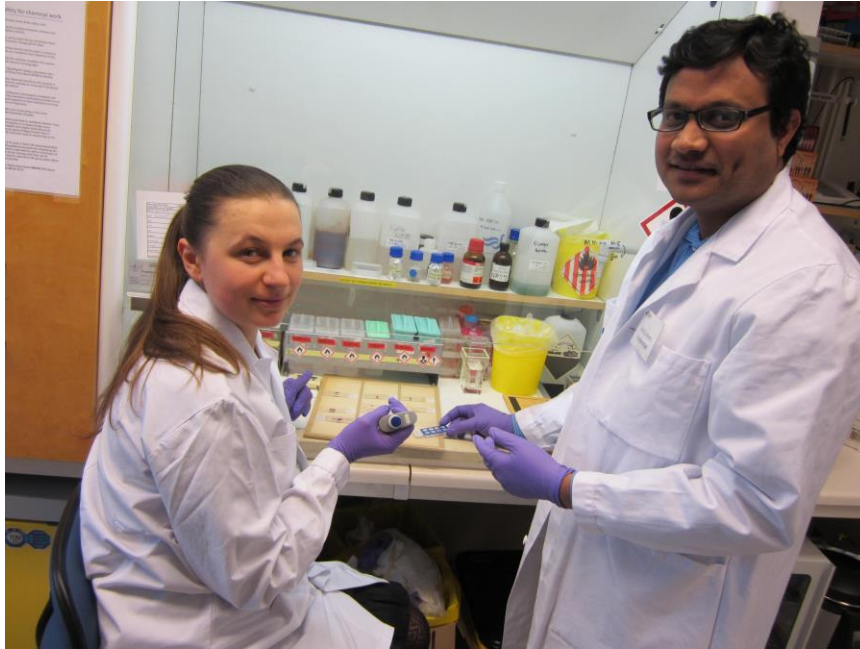


foto 1. Dr Kovtonyuk with a members of the Cell and Immunology Group (PhD student Abdul-Aleem Mohammad) in the laboratory at CMM.

From February 16th till April 12th 2014, I visited for the second time the Department of Medicine at Center for Molecular Medicine (CMM), Karolinska Institutet (Stockholm, Sweden). This visit was coordinated under the twinning agreement between the Medical University of Warsaw and the Karolinska Institutet in WP1 (Task 1.7). During my second stay in Karolinska Institutet I continued a research project in the field of experimental oncology which was previously started in collaboration with Professor Cecilia Söderberg-Nauclér's team. In particular, the research project was focused on understanding cytomegalovirus (CMV) role in colon cancer development as well as evaluation of antiviral and anti-inflammatory therapy in the treatment of CMV-positive colon cancer.

The main goal of my stay at CMM was to perform immunohistochemical staining of tissue samples collected at MUW in Warsaw, Poland with their further analysis. Primary tumors and different organs from tumor-bearing mice were analyzed

histologically. In addition, primary tumors were analyzed for chemokines expression and levels of the markers of inflammation.

During my stay at Karolinska Institutet I had a unique possibility to attend different scientific courses (e.g. "Tumor virology course" and a joint international course "Employing genome-wide technologies for functional regulation in development and disease" organized by the RIKEN Center for Life Science Technologies, Yokohama, Japan and Karolinska Institutet) with a unique series of forward-looking scientific lectures by world leaders in their fields. The visit was a great opportunity to improve my knowledge on tumor virology, exchange ideas and strengthen cooperation between our teams.



foto 2. Dr Kovtonyuk at the RIKEN Joint International Course.