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**BASTION – FROM BASIC TO
TRANSLATIONAL RESEARCH
IN ONCOLOGY**

**Report on the stay of Dr. Malgorzata Bajor at the Cancer Biology and
Therapeutics Lab, Conway Institute, University College Dublin, Dublin, Ireland
within the 7PR21/BASTION/WP1 (Twinning, 2nd visit)**

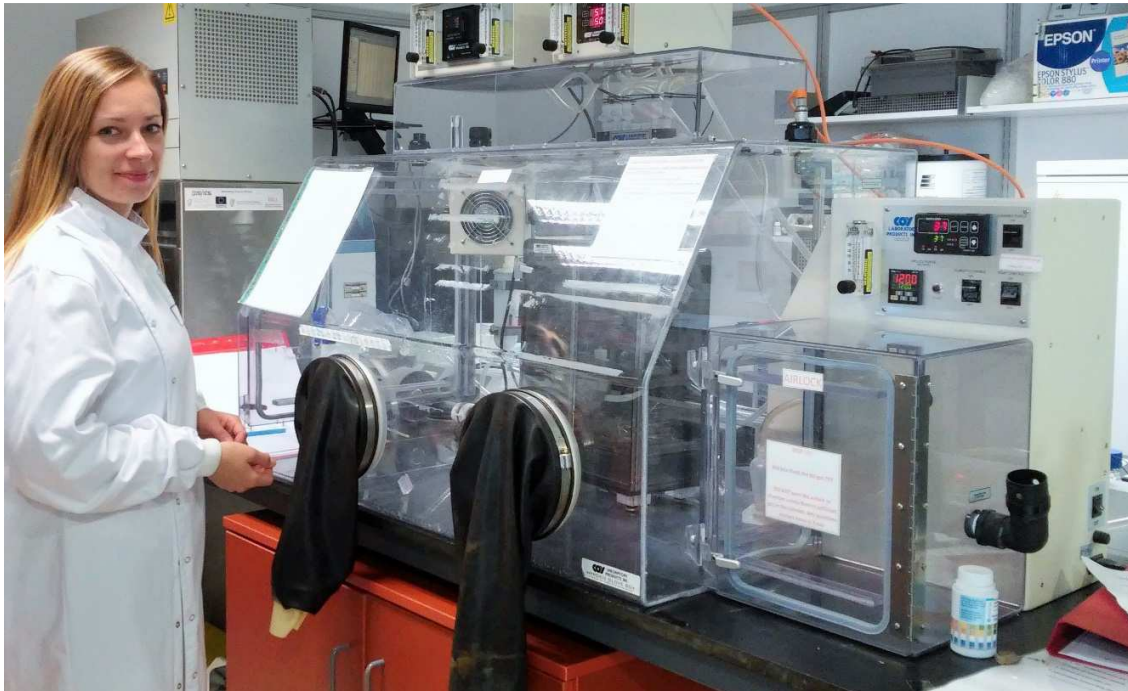


Dr Malgorzata Bajor in front of the Conway Institute, University College Dublin in Ireland

I have visited the Cancer Biology and Therapeutics Laboratory headed by Prof. William M. Gallagher at the Conway Institute, University College Dublin, Dublin, Ireland in July 2015.

During my one month stay in Ireland I was working in the field cancer biology continuing a research initiated during my first visit in the CBT Lab. I have performed detailed study of effects of dysfunction of thiol-dependent antioxidant enzyme system on the oncogene-dependent signaling in breast cancer under the hypoxic conditions. Obtained results will be included in the publication focusing on the determination of the role for thiol-dependent antioxidant enzymes in estrogen-receptor positive breast cancer.

The visit in the Prof. Gallagher laboratory helped to strengthen scientific contacts and plan further collaboration between Conway Institute, University College Dublin and Department of Immunology, Medical University of Warsaw.



Dr Malgorzata Bajor during cell culture work in the hypoxia chamber glove box.