



**Department of Immunology
Medical University of Warsaw
Banacha 1a, 2-097 Warsaw, Poland
Tel. +48 22 599 21 98**



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

**Report on the visit in the Cancer Biology and Therapeutics Laboratory at
University College Dublin Conway Institute of Biomolecular and
Biomedical Research, within 7PR21/BASTION/WP1 (Twinning)**

5 July– 2 August 2015

From July 5th till August 2nd I had a pleasure to visit Professor William Gallagher Cancer Biology and Therapeutics Laboratory at Conway Institute, University College Dublin. One of the research area that Professor W. Gallagher group focuses on is identification and validation of candidate biomarkers of breast cancer and melanoma as well as preclinical evaluation of novel anti-cancer agents.



Joanna Stachura at the Cancer Biology and Therapeutics Lab, Dublin.

The main goal of my visit at the UCD Conway Institute was to investigate mechanism of action of anti-cancer drug lenalidomide under normoxic and hypoxic conditions.

Lenalidomide is an immunomodulatory agent with unknown mechanism of action on cancer cell. During my visit I had an opportunity to determine lenalidomide impact on vascular endothelial growth factor production and phosphorylation of its receptor in cancer cells. Performed experiments allowed me to gather preliminary data and broaden my knowledge in the field of hypoxia research. Moreover I participated in scientific meetings and discussed my results with CBT Lab team.