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

**Report on Nordic IHC Basic Course participation  
of Dr. Małgorzata Czystowska-Kuźmicz within the 7PR21/BASTION/WP2**

On the 21<sup>st</sup> and 22<sup>nd</sup> of January 2015, Dr. Małgorzata Czystowska-Kuźmicz participated in the Nordic Immunohistochemistry Basic Course organized in DAKO's Glostrup/Kopenhagen facility in Denmark.

The course was dedicated to scientists having basic experience within the field of immunohistochemistry as a laboratory technician, pathologist, cytologist or researcher and willing to improve their theoretical and technical skills.



**Dr Małgorzata czystowska-Kuźmicz during one of the seminars of the IHC Basic Course**

The course contained an introduction to the field of immunohistochemistry. It also provided the knowledge concerning basic histology in relation to immunohistochemistry, tissue-preparation, pre-treatment procedures, primary antibodies, detection technologies and staining automation. An important part of the course was the description of basic trouble-shooting, exemplified by typical pitfalls. The selection of the proper antibody, the verification and validation of a staining protocol, different methods of fixation and antigen retrieval, selection of dyes were discussed. Also an introduction to multicolour-staining and digital pathology was given. The course also contained a tour to the antibody manufacturing and immunohistochemistry staining-related facilities of the DAKO company.

The knowledge gathered during the course will be used for efficient IHC stainings of OvCa-samples from patients and *in vivo* studies performed within the research project: "Elucidation of the role of tumor-derived and exosomal arginases in avoiding immune responses by ovarian cancer" and for the successful implementation of the digital imaging facility supervised by Dr. Zagodzón within the Department of Immunology, Warsaw Medical University.



**Dr Malgorzata Czystowska-Kuźmicz during presentation of an autostainer at DAKO's facility**



**The IHC Basic Course completion certificate**

