

Capacities/Research Potential  
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## **BASTION**

*“From Basic to Translational Research in Oncology”*

# Deliverable D2.1

**Report from organized workshops**

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**„Cancer genetics for medical community”,  
the workshop held at the Medical University of Warsaw  
on the 17th of June, 2013**

**1 Introduction**

The workshop was organized by the Laboratory of Genomic Medicine, Department of General, Transplant and Liver Surgery of the Medical University of Warsaw, as a part of the BASTION project. The goal of the event was to present newest findings within the field



of cancer genetics not only to the Bastion research groups but also also to all other interested researchers from MUW and other universities and research institutes in Poland. The conference was a great opportunity to discuss research results and to get detailed information about the global trends in this discipline.

**2 Invited speakers and organizing partners**



The speakers during the conference were the leading experts in the field of human cancers: Professor Clara D. Bloomfield, Professor Albert de la Chapelle and Doctor Krzysztof Mrózek from the Comprehensive Cancer Center, The Ohio State University, Columbus, USA, and

Professor Jolanta Kupryjańczyk from the Maria Skłodowska-Curie Memorial Cancer Center and Institute of Oncology.

The honorary patronage over the conference was held by the Ministry of Science and Higher Education and the Ministry of Health. Partners of the event included the Postgraduate School of Molecular Medicine and a patient advocacy group Europa Colon. The media patronage of the event were the Służba Zdrowia magazine and Med.Express portal.

## 2.1 Prof. Clara D. Bloomfield

Prof. Clara D. Bloomfield is a world-class expert in the field of genetics of leukemia and lymphoma as well as molecular diagnostics and therapy of these diseases. She first suggested and demonstrated that adults with acute leukemia, including the elderly, could be



cured with chemotherapy. Her study of chromosomes in leukemia and lymphoma has had enormous impact by aiding in identifying genes involved in development of these disorders and the application of this information for effective therapy for individual patients. She first identified several now

classic chromosome changes in leukemia and lymphoma, for example, the Philadelphia chromosome in acute lymphoblastic leukemia and rearrangement of 16q22 in acute myeloid leukemia (AML). She is considered the world's authority on how chromosome changes influence treatment and outcome in adult acute leukemia and pioneered the WHO change of leukemia classification from morphology to molecular genetics. During the conference, Prof. Bloomfield gave an exciting lecture on the "*Clinical Use of Molecular Markers in Curing Acute Myeloid Leukemia*" showing the most recent data in the subject that result mainly from the research conducted at her laboratory.

## 2.2 Dr. Krzysztof Mrózek

Dr. Krzysztof Mrózek is an expert in cytogenetic analysis of leukemia and solid tumors, working on the development of standardized diagnostic and prognostic markers in myeloid leukemias. Dr. Mrózek's talk on the *“Cytogenetics of acute myeloid leukemia in adults and its clinical significance”* presented the most recent methods of cytogenetic analysis and the use of cytogenetic markers for diagnostics of leukemia.



## 2.3 Prof. Albert the la Chapelle

Professor Albert the la Chapelle is an expert in the field of genetics of inherited diseases. One of the most and far-reaching examples of his innovative research is his work in colon cancer. Dr. De la Chapelle's breakthrough findings proving the heritability of Lynch syndrome initiated a new era in hereditary cancer research preceding similar discoveries in other cancers, such as breast or prostate cancer. Prof. Albert de la Chapelle told the audience about the *„Lynch syndrome: a multi-cancer hereditary predisposition”* showing prevalence of colorectal cancer and underlining the need for the inclusion of molecular markers in every-day cancer diagnostics.





## 2.4 Prof. Jolanta Kupryjańczyk

Professor Jolanta Kupryjańczyk is an expert in gynecologic pathology, seeking for diagnostic and prognostic factors in ovarian cancer and a co-author of a recent classification



of ovarian cancers that is being prepared by the World Health Organization. Prof Kupryjańczyk told the audience about the „*Molecular lesions in ovarian cancer - perspectives of targeted therapy*” presenting a recent data on the possible use of gene therapies in ovarian cancer.

## 3. The Participants



The conference hosted over a 100 participants, including medical doctors, basic scientists, PhD students and medical students. There were participants from MUW and research institutes of Ochota Campus but also specialists from other universities and institutions from all around

Poland.

## 4. Conclusions

The Conference hosted 4 international speakers and over 100 participants. The participants had a unique opportunity to discuss important scientific issues with the leading experts in the field of human cancer genetics. Simultaneously, foreign speakers had the chance to visit Warsaw and get acquainted with the current scientific projects run at the Medical University of Warsaw. Moreover, thanks to the interviews with speakers that were

published on-line and in medical press, information on the event and recent trends in cancer genetics was available to medical specialists and patients all over the country. As such, the Workshop served as means of disseminating the health and medical knowledge to the general public.

## 5. Corresponding estimated budget

PERSONNEL, TRAVEL, SUBCONTRACTING AND OTHER MAJOR DIRECT COST ITEMS FOR BENEFICIARY "1" FOR 18M			
	Item description	Amount/ [EUR]	Explanations
WP2 Task 2.1	Personnel costs	5 119,00	Salaries of the WP2 leader, and Task leaders (1,392PM)
	Travel	1 731,00	Task 2.1.2 - accommodation and supper for invited speakers
	Subcontracting	1 167,00	Organization of workshop within Task 2.1.2 - catering
TOTAL DIRECT WP2 COST T2.1		8 017,00	

/\* - exact costs for M1-M18 will be presented in the Ist Period Report and Form C (April 2014)

Prof Zbigniew Gaciong  
WP2 Leader  
Michal Gieraltowski  
Communication Manager

Prof. Jakub Golab  
BASTION Project Coordinator  
*Warsaw, February 2014*

**Attachments:**

1. Agenda - <http://bastion.wum.edu.pl/wp-content/uploads/2014/02/1.pdf>
2. List of participants - <http://bastion.wum.edu.pl/wp-content/uploads/2014/02/2.pdf>
3. The speakers did not agree to use their presentations as attachment to the BASTION reports.

All reports are available on BASTION webpage: [www.bastion.wum.edu.pl](http://www.bastion.wum.edu.pl)