

PERSONAL INFORMATION

Daniela Rosenova Pencheva



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Sex Female | Date of birth 03/07/1986 | Nationality Bulgarian

WORK EXPERIENCE

October, 2015 -
current

Biologist-Geneticist, Laboratory Manager
Laboratory of Genome Diagnostics
Molecular Medicine Center
Department of Medical Chemistry and Biochemistry, Medical Faculty
Medical University - Sofia, Bulgaria

Basic activities:

Next-generation DNA sequencing
Planning and conducting of research and experimental analyzes and diagnostic tests
Analysis and evaluation of laboratory results
Improvement, validation and introduction of new laboratory methods and technologies
Discussion, planning and conducting scientific experiments
Supervising the work of other geneticists, biologists and laboratoryists
Preparation of presentations, publications and participations in national and international congresses and symposia
Planning, ordering, requesting and shipping laboratory reagents and consumables
Participation in the preparation of public procurement for the needs of laboratory and diagnostic activities
Conducting instruction and training for students and specialists in laboratory technologies
Maintenance of the equipment
Compliance with laboratory standard operating procedures and safety at work
Storage and control of used reagents, materials and consumables in laboratory work
Exploitation of Automatic Sequencer ABI 3130XL Applied Biosystems

February, 2011 -
April , 2012

Laboratory Manager
Molecular Medicine Center
Department of Medical Chemistry and Biochemistry, Medical Faculty
Medical University - Sofia, Bulgaria

Basic activities:

Organization of laboratory activities
Planning, ordering, requesting and shipping laboratory reagents and consumables
Participation in the preparation of public invitations and public procurement for the needs of laboratory activities
Conducting student training in laboratory technology
Maintenance of the equipment
Exploitation of the ABI 3130XL Applied Biosystems Automatic Sequencer

February, 2007 -
March , 2009

Technical assistant
Model Lab in Biological Membranes
Department of Biochemistry, Faculty of Biology
Sofia University "St. Kliment Ohridski "

Basic activities:
 Preparation of the experimental setting
 Making experiments
 Collection and analysis of data

EDUCATION AND TRAINING

2012 – 2017
 PhD
 PhD in Molecular biology
 Molecular Medicine Center
 Department of Medical Chemistry and Biochemistry, Medical Faculty
 Medical University - Sofia, Bulgaria

2009– 2011
 MSc
 MSc in Genetic and cellular engineering
 Department of Biochemistry, Faculty of Biology
 Sofia University "St. Kliment Ohridski ", Bulgaria

2005 - 2009
 BSc
 BSc in Molecular biology
 Department of Biochemistry, Faculty of Biology
 Sofia University "St. Kliment Ohridski ", Bulgaria

PERSONAL SKILLS

Mother tongue(s) Bulgarian

Other language(s)	UNDERSTANDING		Other language(s)		UNDERSTANDING
	Listening		Listening		Listening
English	C1/C2	C1/C2	C1/C2	C1/C2	C1/C2
Russian	A1/A2	A1/A2	A1/A2	A1/A2	A1/A2

Communication skills

- Excellent communication and adaptive capabilities
- Rapid adaptation to changes in working conditions and workload
- Critical thinking and effectiveness in research
- Rapid absorption of new scientific research methods and techniques
- Skill for working in a team that succeeds in a busy working environment acquired on the basis of previous experience

Driving licence B

ADDITIONAL INFORMATION

Publications

PhD Thesis: MODERN APPROACHES FOR DETERMINING THE MOLECULAR GENETIC CHARACTERISTICS OF THE BREAST CANCER IN BULGARIA

9 Papers in peer reviewed journals

4 Papers in Bulgarian journals

53 citations (SCOPUS, actual date)

h индекс: 4

Selected publications

- Setchanova L, Alexandrova A, Pencheva D, Sirakov I, Mihova K, Kaneva R, Mitov I. Rise of multidrug-resistant *Streptococcus pneumoniae* clones expressing non-vaccine serotypes among children following introduction of the 10-valent pneumococcal conjugate vaccine in Bulgaria. *J Glob Antimicrob Resist*. 2018 Dec; 15:6-11
- Markovska R, Stoeva T, Boyanova L, Stankova P, Pencheva D, Kaneva R, Mitev V, Mitov I. Isolation of *Escherichia coli* ST131 producing KPC-2 in Bulgaria. *Infect Dis (Lond)*. 2017 May;49(5):429-431" IF - 1.5
- Markovska R, Stoeva T, Boyanova L, Stankova P, Pencheva D, Keuleyan E, Murjeva M, Sredkova M, Ivanova D, Lazarova G, Nedelcheva G, Kaneva R, Mitov I. Dissemination of successful international clone ST15 and clonal complex 17 among Bulgarian CTX-M-15 producing *K. pneumoniae* isolates. *Diagn Microbiol Infect Dis*. 2017 Dec; 89(4):310-313.
- Markovska R, Stoeva T, Schneider I, Boyanova L, Popova V, Dacheva D, Kaneva R, Bauernfeind A, Mitev V, Mitov I. Clonal dissemination of multilocus sequence type ST15 KPC-2-producing *Klebsiella pneumoniae* in Bulgaria. *APMIS*. 2015 Oct;123(10):887-94. doi: 10.1111/apm.12433. Epub 2015 Aug 25.
- Kunka Kamenarova, Emil Simeonov, Reni Tzveova, Daniela Dacheva, Marin Penkov, Ivo Kremensky, Penka Perenovska, Vanio Mitev, Radka Kaneva. Identification of a novel de novo mutation of CREBBP in a patient with Rubinstein-Taybi syndrome by targeted next generation sequencing: a case report. *Hum Pathol*. 2016 Jan;47(1):144-9. doi: 10.1016/j.humpath.2015.09.004. Epub 2015 Sep 25.
- Dodova RI, Mitkova AV, Dacheva DR, Hadjo L, Vlahova A, Hadjieva M, Valev S, Caulevska M, Popova S, Popov I, Dikov T, Sedloev T, Ionkov A, Timcheva K, Christova S, Kremensky I, Mitev V, Kaneva R. Spectrum and frequencies of BRCA1/2 mutations in Bulgarian high risk breast cancer patients. *BMC Cancer*. 2015;15:523.
- Dacheva D, Dodova R, Popov I, Goranova T, Mitkova A, Mitev V, Kaneva R. Validation of an NGS Approach for Diagnostic BRCA1/BRCA2 Mutation Testing. *Mol Diagn Ther*. 2015 Apr;19(2):119-30.
- Setchanova LP, Alexandrova A, Dacheva D, Mitov I, Kaneva R, Mitev V. Dominance of multidrug-resistant Denmark (14)-32 (ST230) clone among *Streptococcus pneumoniae* serotype 19A isolates causing pneumococcal disease in Bulgaria from 1992 to 2013. *Microb Drug Resist*. 2015 Feb;21(1):35-42.
- A. Aroyo, Iva Stoeva, Daniela Dacheva, D. Avdjieva, R. Kuneva Hypopituitarism associated with congenital anomalies: Phenotypic description of two patients and their results from the mutational transcription factor screening. *Pediatrics*. 2015 Jan; 55(2):26-31
- S. Valev, D. Dacheva, A. Mitkova, M. Taushanova, V. Mitev, K. Timcheva. Circulating tumor cells in breast cancer. Application of molecular methods in clinical practice. *Oncology Surveys* 2013; Number 1, Studies 2, pp. 39-60
- D. Goulenova, D. Dacheva, V. Penchev, M. Popova, G. Nikolov. Key achievements and perspectives of stem cell technologies in the context of regenerative medicine. *Embryology* 2012; Volume 6; pp. 26-35
- A. Tsanova, A. Yordanova, D. Dacheva, V. Penchev, R. Georgieva, E. Stoimenova, G. Georgiev, H. Lalchev. Interaction of synthetic neuropeptides with lipid monolayers. *Yearbook of the Shoumen University "Episcopal Constantine Preslavski*, 2009
- A. Tsanova, D. Dacheva, V. Penchev, G. As. Georgiev, T. Pajpanova, E. Golovinski and Z. Lalchev. Comparative study of the interaction between synthetic methionine-enkephalin and monolayers of zwitterionic and negatively charged phospholipids. *Biotechnology & Biotechnological Equipment* 2009; Volume 23, Number 2, pp. 463-466

Head of Scientific Projects:

Projects

- Expression analysis of molecular markers in peripheral blood circulating tumor cells (CTCs) in Bulgarian patients with metastatic breast carcinoma; Medical university- Sofia,

2013

- Analysis of the spectrum of somatic mutations in tumors of Bulgarian breast cancer patients by next generation sequencing. Medical university- Sofia, 2014
- Analysis of the presence of germinative mutations in a panel of 94 tumor-associated genes by new generative sequencing in Bulgarian patients with familial breast cancer. Medical university- Sofia, 2015

Participation in other scientific projects:

- Molecular markers with diagnostic and prognostic value in the treatment of solid tumors in childhood, Medical university- Sofia 2016-2017
- Confirmatory analysis of potentially pathogenic variants in genes associated with Parkinson's disease detected by sequencing of a new generation. Medical university- Sofia 2016-2017
- Analysis of somatic mutations in Bulgarian patients with colorectal and gastric carcinomas by sequencing a new generation of a panel of tumor-associated genes. Medical university- Sofia 2016-2017
- Non-classical forms of 21-hydroxylase deficiency: Clinical and Molecular Genetic Diagnosis. Medical university- Sofia 2016-2017
- Preservation of tissues to expand the tissue, plasma and DNA banks of patients with breast cancer. Medical university- Sofia 2016-2017
- Epigenetic biomarkers in Bulgarian patients with oesophageal tumors. Medical university- Sofia 2016-2017
- Enlarging the biopan of patients with ovarian cancer and optimizing the conditions for the storage of biological materials. Medical university- Sofia 2016-2017
- New gene sequencing of target genes for retinal degeneration in Bulgarian patients. Medical university- Sofia 2015-2016
- Clonal origin of E. coli and K. pneumoniae isolates producing carbapenemase and / or broad-spectrum beta lactamases (ESBLs) and characterization of the localization of the genes coding for these enzymes. Medical university- Sofia 2015-2016
- Molecular genetic structure of Streptococcus pneumoniae polyresistant invasive and respiratory strains isolated five years after the start of the mass immunization of newborn children in Bulgaria with a pneumococcal vaccine. SUM, MU-Sof Medical university- Sofia 2015-2016
- Application of new generation sequencing for the detection of somatic mutations in gliomas and gastrointestinal tract tumors in a selected group of Bulgarian patients. Medical university- Sofia 2015-2016
- Development of a non-invasive method for assessing the implantation potential of human embryos based on the expression of microRNAs in the culture medium. Medical university- Sofia 2015-2016
- Validation of next generation sequencing protocol with IonTorrent PGM sequencer for detection of mutations in the BRCA1 and BRCA2 genes. Medical university- Sofia 2014-2015
- Molecular Genetic Analysis for Carrier Mutation in BRCA1 and BRCA2 Gene in Ovarian Cancer Patients. Medical university- Sofia 2014-2015
- Investigation of patients with established or suspected multiple endocrine neoplasia and assessment of the relationship of observed phenotype with variations in genes MEN1 and MEN2. Medical university- Sofia 2014-2015
- Mutational screening of Bulgarian patients with retinal degeneration; Medical university- Sofia
- Clarifying the consequences of structural aberrations affecting the genes LPP, CFHR1 and CFHR3 at the nucleotide sequence level. Medical university- Sofia 2014-2015
- Epidemiological typing, mechanisms of resistance to carbapenemase and / or broad spectrum beta lactamases (ESBLs) - producing clinically relevant and representative representatives of the Enterobacteriaceae family at three University Hospitals in Sofia, Pleven and Varna. Medical university- Sofia 2014-2015
- Methodology for the preparation and storage of tumor tissues for the creation of a tissue

bank from patients with colon, stomach and thyroid carcinomas. Medical university- Sofia 2014-2015

- Molecular genetic analysis of genes with intermediate penetrance in BRCA negative patients with familial breast carcinoma. Medical university- Sofia 2014-2015
- Study on the frequency of large genomic rearrangements in BRCA1 and BRCA2 genes among patients with familial breast cancer. Medical university- Sofia 2013-2014.
- Investigation of the role of aberrations in the candidate genes SKAP2, SUMF1, CROCC and TNS1 for the pathology of congenital anomalies of the kidneys and the excretory system. Medical university- Sofia 2013-2014
- Clonal origin of multiple resistant invasive and respiratory strains of Streptococcus pneumoniae isolated before and after the introduction of mass immunization with a pneumococcal conjugate vaccine (2006-2013). Medical university- Sofia 2013-2014
- Introduction of mutational screening for transcription factors POU1F-1 (PIT1), HESX1, SOX3 in patients with congenital hyposomatosis. Medical university- Sofia 2012-2013
- Study on the frequency of carrying genetic defects in BRCA1 and BRCA2 genes in familial cases of breast cancer. Medical university- Sofia 2012-2013
- Analysis of mutations in the BRCA1 gene in Bulgarian patients with triple-nerve breast carcinoma. Medical university- Sofia 2011-2012
- Detection of HFE gene mutations in patients with chronic liver disease with or without concomitant iron overload syndrome. Medical university- Sofia 2011-2012
- Investigation of the role of genomic alterations, deletions and duplications, the pathology of congenital anomalies of the kidneys and the excretory system (UBAPS). Medical university- Sofia 2011-2012
- Genomic analysis for mutations in patients with congenital anomalies of the kidneys and the excretory system (UBAOS); Ministry of Education and Sciences 2011-2013
- Traceability of Circulating Tumor Cells (CTC) in Metastatic Breast Cancer Patients - Predictive and Predictive Implications. Ministry of Education and Sciences 2010-2013

Conferences

- Atanaska Mitkova, Rumyana Dodova, Daniela Pencheva, Alexandrina Vlahova, Margarita Taushanova - Hadjieva, Spartak Valev, Konstanta Timcheva, Svetlana Christova, Vanio Mitev, Radka Kaneva. Mutation screening of Bulgarian Hereditary Breast and Ovarian Cancer patients with multi-gene cancer panel. 24th Biennial Congress of the European Association for Cancer Research, 9-12 July 2016, Manchester, UK. Poster presentation. European Journal of Cancer, Volume 61, Supplement 1, July 2016, P206, p.S37
- Rumyana Dodova, Atanaska Mitkova, Daniela Pencheva, Spartak Valev, Margarita Taushanova Alan Nachev, Konstanta Timcheva, Roumen Dimitrov, Vanio Mitev and Radka Kaneva. Molecular-genetic analysis of BRCA1 and BRCA2 mutations in Bulgarian patients with Hereditary Breast Ovarian Cancer (HBOC) syndrome. 24th Biennial Congress of the European Association for Cancer Research, 9-12 July 2016, Manchester, UK. Poster presentation. European Journal of Cancer, Volume 61, Supplement 1, July 2016, P282, p.S53
- Dacheva D, Dodova R, Mitkova A, Kamenarova K, Tzveova R, Popov I, Vlahova A, Taushanova-Hadjieva M, Valev S, Dikov T, Timcheva K, Christova S, Mitev V, Kaneva R. Exploration of the diagnostic utility of next-generation sequencing with TruSight cancer panel for BRCA negative hereditary breast and ovarian cancer patients. " San Antonio Breast Cancer Symposium", San Antonio, Texas, USA, December 8th-12th. Poster presentation.
- Dacheva Daniela, Vasileva Mariela, Sedloev Theophil, Kamenarova Kunka, Tzveova Reni, Mitkova Atanaska, Kaneva Radka, Mitev Vanio. Exploring the somatic mutation spectrum through next-generation sequencing in Bulgarian breast cancer patients. 11th Balkan Congress of Human Genetics, 17th-20th September 2015, Belgrade, Serbia, oral presentation, abstract on page 20;
- D. Dacheva, S. Valev, M. Taushanova, K. Timcheva, V. Mitev, R. Kaneva, A. Mitkova. Gene expression analysis of five tumor-associated markers in CTC isolated from Bulgarian metastatic breast cancer patients. EACR-AACR-SIC Special Conference, 20-23 June 2015, Florence, Italy, Abstract № 646, p.169

- Vasileva M., T. Sedloev, K. Angelov, D. Dacheva, R. Dodova, A. Mitkova, A. Vlahova, T. Dikov, G. VeleV, S. Masliankov, R. Kaneva, S. Hristova, V. Pavlov, G. Todorov. Annual report of Medical University of Sofia Breast Cancer Biobank. 5th Turkish-Bulgarian Breast & Endocrine surgery club meeting; 27-28 May 2015, Varna, Bulgaria; p.22-26
- D. Dacheva; Circulating tumor cells in breast cancer; Molecular Diagnostics, Genomics and Epigenetics in Medical Oncology; regional meeting of the Young Oncologist Association; March 28, 2015; Sofia; oral presentation
- D. Dacheva, I. Popov, R. Dodova, T. Goranova, A. Mitkova, R. Kaneva, V. Mitev; Comparison of two library construction strategies for targeted resequencing of BRCA1/2 genes in Bulgarian breast cancer patients on NGS platform; Poster presentation; EUROPEAN ASSOCIATION FOR CANCER RESEARCH; 5-8 July 2014; Munich, Germany, European Journal of Cancer, Volume 50, Supplement 5, July 2014, P432, p.S103
- R. Dodova, A. Mitkova, D. Dacheva, M. Taushanova, S. Valev, A. Vlahova, T. Dikov, C. Timcheva, S. Christova, R. Kaneva; Recurrent BRCA1/2 mutations in Bulgarian patients with hereditary breast and ovarian cancer; Poster presentation; EUROPEAN ASSOCIATION FOR CANCER RESEARCH; 5-8 July 2014; Munich, Germany, European Journal of Cancer, Volume 50, Supplement 5, July 2014, P583, p.S140
- D. Dacheva; Circulating tumor cells and DNA. Application to track the effect of oncology therapy; First National Conference "Molecular Pathology in Oncology"; 6-7 June 2014; oral presentation
- Z. Kamburova, K. Kovacheva, S. Popovska, I. Ivanov, M. Simeonova, R. Dodova, D. Dacheva, P. Angelova, V. Mitev, A. Mitkova, R. Kaneva; Preliminary study of BRCA1/BRCA2 mutations in Bulgarian women with breast cancer. The European Human Genetics Conference, 31 May-03 June 2014, Milan, Italy. Eur J Hum Genet, Volume 22, Supplement 1, May 2014, 12.022, page 459
- K. Kamenarova, K. Koev, C. Chakarova, R. Tzveova, D. Dacheva, V. Mitev, S. Bhattacharaya, S. Cherninkova, R. Kaneva; Mutation screening in autosomal dominant retinitis pigmentosa family using targeted next generation sequencing. The European Human Genetics Conference, 31 May-03 June 2014, Milan, Italy. Eur J Hum Genet, Volume 22, Supplement 1, May 2014, J02.18, page 391
- D. Dacheva, S. Valev, M. Taushanova, V. Mitev, K. Timcheva, R. Kaneva, A. Mitkova; Monitoring circulating tumour cells in the course of therapy of Bulgarian patients with metastatic breast cancer. European Breast Cancer Conferences, 19- 21 March 2014, Glasgow, Scotland. European Journal of Cancer, Volume 50, Supplement 2 (electronic publication only), March 2014, P252, page S116
- R. Dodova, D. Dacheva, M. Taushanova, S. Valev, Z. Kamburova, K. Kovacheva, C. Timcheva, S. Christova, A. Mitkova, R. Kaneva; BRCA1/2 mutation screening in Bulgarian patients with triple negative breast cancer. European Breast Cancer Conferences, 19- 21 March 2014, Glasgow, Scotland. European Journal of Cancer, Volume 50, Supplement 2 (electronic publication only), March 2014, P243, page S114
- D. Dacheva, S. Valev, M. Taushanova, V. Mitev, K. Timcheva, R. Kaneva, A. Mitkova; Qualitative analysis of the CTC levels in patients with metastatic breast cancer. The European Human Genetics Conference, 08-11 June 2013, Paris, France. /Eur J Hum Genet, Volume 21, Supplement 2, June 2013, P11.041, page 274.
- I. Popov, D. Dacheva, R. Dodova, T. Goranova, A. Mitkova, R. Kaneva, V. Mitev; Variant discovery in BRCA1 and BRCA2: Comparison of the efficiency of NextGENe software and the Torrent Suite Variant Caller plugin. The European Human Genetics Conference, 08-11 June 2013, Paris, France. /Eur J Hum Genet, Volume 21, Supplement 2, June 2013, P16.001, page 365.
- Ani Aroyo, Iva Stoeva, Daniela Dacheva, Atanaska Mitkova, Radka Kaneva, Vanio Mitev. Screening for POU1F1 mutations among Bulgarian patients with congenital hyposomatotropism: first results. 9th Joint Meeting of paediatric Endocrinology, 19-22 September 2013, Milan, Italy; Hormone research in paediatrics. Volume 80, Supplement 1, 2013, P2-d2-1023, Page 317
- Daniela Dacheva, Rummyana Dodova, Atanaska Mitkova, Aleksandrina Vlahova, Tihomir Dikov, Spartak Valev, Constanta Timcheva, Svetlana Christova, Vanio Mitev, and Radka Kaneva. Mutation screening of BRCA2 exon 11 and exon 17 in Bulgarian breast cancer

- patients. Poster presentation. The European Association for Cancer Research, 7-10 July 2012, Barcelona, Spain.
- Rumyana Dodova, Daniela Dacheva,, Aleksandrina Vlahova, Tihomir Dikov, Svetlana Christova, Spartak Valev, Margarita Taushanova, Constanta Timcheva, Radka Kaneva and Atanaska Mitkova. Mutation screening of BRCA1 gene in Bulgarian breast cancer patients Poster presentation. The European Association for Cancer Research, 7-10 July 2012, Barcelona, Spain.
 - Daniela Dacheva, Rumyana Dodova, Aleksandrina Vlahova, Tihomir Dikov, Svetlana Christova, Spartak Valev, Constanta Timcheva, Vanio Mitev, Radka Kaneva and Atanaska Mitkova. Mutation screening of BRCA2 exons 11 in Bulgarian breast cancer patients. Poster presentation. The European Human Genetics Conference, 28-31 May 2011, Amsterdam, The Netherlands.
 - Rumyana Dodova, Daniela Dancheva, Aleksandrina Vlahova, Tihomir Dikov, Svetlana Hristova, Spartak Valev, Constanta Timcheva, Vanio Mitev, Radka Kaneva, and Atanaska Mitkova. Large genomic aberrations in BRCA1 and BRCA2 genes in Bulgarian breast cancer patients. Poster presentation. The European Human Genetics Conference, 28-31 May 2011, Amsterdam, The Netherlands.
 - Rumyana Dodova, Atanaska Mitkova, Daniela Dacheva, Marija Caulevska, Aleksandrina Vlahova, Tihomir Dikov, Spartak Valev, Margarita Taushanova, Constanta Timcheva, Vanio Mitev, Radka Kaneva and Svetlana Christova. BRCA mutation screening in Bulgarian breast cancer patients. Poster presentation European Congress of Pathology (ECP) 27 August - 01 September 2011, Helsinki, Finland
 - V. Penchev, D. Goulenova, D. Dacheva, M. Popova, G. Nikolov. Correlation between the integrity of the sperm genome and the morphological characteristics of sperm in the seminal fluid. XII National Congress of Sterility, Contraception and Hormone Replacement Therapy with International Participation, 2010, Plovdiv, Bulgaria
 - A. Tsanova, D. Dacheva, V. Penchev, G. As. Georgiev, T. Pajpanova, E. Golovinski and Z. Lalchev. Comparative study of the interaction between Met-enkephalin analogues and monolayer of zwitterionic and negatively charged phospholipids. Poster presentation. 11th International Congress on Amino Acids, Peptides and Proteins 2009, Vienna, Austria
 - A. Tsanova, D. Dacheva, V. Penchev, G. Georgiev, T. Pipanova, E. Golovinski, Z. Lalchev. Comparative study of the interaction between synthetic methionine enkephalin and monolayers from zwitterionic and negatively charged phospholipids. XI Jubilee Scientific Conference "Biology - Traditions and Challenges 2009, Sofia, Bulgaria
 - A. Tsanova, D. Dacheva, V. Penchev, A. Yordanova, G. Ass. Georgiev, T. Pipanova, E. Golovinski, Z. Lalchev. Influence of? -Cyclodextrin on the penetration capacity of methionine enkephalin in lipid monolayers. International Scientific Conference "The Development of Economics and Knowledge Society, 2009 Stara Zagora

Certificates	<p>08-10 November 2010, Darmstadt, Germany Certificate of Sequencing Training on Sangers Method on Genetic Analyzer ABI3130XL, Life Technologies</p> <p>04-08 June 2012, Sofia, Bulgaria Certificate of training for work with a new generation sequencer ION Torrent PGM and ION OneTouch system, Thermo Scientific</p> <p>26-27 September 2014 r., Helsinki, Finland Participation in international training „The 2nd BBMRI-LPC Practical Biobanking Workshop“</p>
Memberships	<p>European Association of Cancer Research European Society of Human Genetics</p>