

Petar Ozretić, PhD

Date of birth: December 23, 1976
 Work address: Laboratory for Hereditary Cancer
 Division of Molecular Medicine
 Ruđer Bošković Institute
 Bijenička 54, HR-10000 Zagreb
 Tel/GSM: +385-1-457-1292 / +385-98-659-083
 Fax: +385-1-456-1010
 E-mail: pozretic@irb.hr
 Web page: <https://www.irb.hr/eng/About-RBI/People/Petar-Ozretic>

**WORK EXPERIENCE:**

- 10/04/2017 - present – research associate; Laboratory for Hereditary Cancer, Ruđer Bošković Institute (RBI), Zagreb, Croatia
- 10/07/2013 - 09/04/2017 – senior research assistant/postdoc; Laboratory for Hereditary Cancer, RBI, Zagreb, Croatia
- 01/06/2007 - 09/07/2013 – research assistant/PhD student; Laboratory for Hereditary Cancer, RBI, Zagreb, Croatia
- 01/11/2006 - 30/04/2007 – professional associate; Laboratory for Molecular Oncology, RBI, Zagreb, Croatia

EDUCATION:

- 28/05/2013 – PhD degree in scientific field of Basic Medical Sciences at the University Postgraduate Interdisciplinary Doctoral Study of Molecular biosciences at Josip Juraj Strossmayer University of Osijek, University of Dubrovnik and Ruđer Bošković Institute; Thesis title “*Functional Analysis of the 5' Untranslated Region of the PTCH1 Gene, Transcript Variant 1b*”
- 08/02/2005 – Diploma degree in Molecular Biology at the Department of Biology, Faculty of Science, University of Zagreb; Graduation thesis title “*Polymorphisms of Exons 1, 2 and 3 of p16 Tumor Suppressor Gene*”

ACADEMIC TITLES:

- 24/04/2018 – assistant professor (title) in Biomedicine and health area, Basic medical sciences field at Doctoral Study of Molecular biosciences at Josip Juraj Strossmayer University of Osijek
- 05/02/2014 – research associate in Biomedicine and health area, Basic medical sciences field

TRAINING:

- 23-26/10/2018 - EMBL-EBI Workshop: Analysis of High Throughput Sequencing Data; Wellcome Genome Campus, Hinxton, UK
- 07/12/2017 - NGS Technology in Clinical Diagnostics: University Hospital Center Zagreb, Zagreb, Croatia
- 26/10/2017 - Analysis of Gene Expression and Regulation on Several Levels: Apply qPCR and luciferase reporter systems optimally; Croatian Institute for Brain Research, Zagreb, Croatia
- 27/10/2016 – NGS SEMINAR 2016 BaseSpace Informatics Suite - Advanced Data Analysis Tools; BIOCentre, Zagreb, Croatia
- 12-13/09/2016 – Human NGS data analysis and Interpretation; Institute of Biochemistry, Faculty of Medicine, Ljubljana, Slovenia
- 06/06/2016 – Introduction to HPC and Cloud Computing; RBI, Zagreb, Croatia
- 09-10/12/2015 – Practical Introduction into Sequence Analysis with Focus on High Throughput Sequencing; DKFZ, Heidelberg, Germany
- 29/09/2015 – BioBash Workshop: Introduction to Python; RBI, Zagreb, Croatia
- 25-27/02/2015 – Illumina Workshop: Introduction to the NextSeq 500 System; RBI, Zagreb, Croatia
- 10-11/06/2014 – Bioinformatic Data Analysis Using e-Science Cloud Service; RBI, Zagreb, Croatia
- 10/06/2011 – TransMedRi Workshop in Biostatistics; Rijeka University School of Medicine, Rijeka, Croatia
- 26/04-01/05/2010 – EMBO Practical Course on Computational RNA Biology; Institut d'Études Scientifiques de Cargèse, Cargèse, France
- 29/03-01/04/2010 – Theoretical Course RNA Structure and Function; ICGEB, Trieste, Italy
- 03-04/03/2010 – Cambridge Structural Database Workshop; RBI, Zagreb, Croatia
- 17-20/02/2009 – Joint EMBRACE-EBI Workshop: Understanding Protein Structures; Wellcome Trust Genome Campus, Hinxton, UK
- 17-20/09/2007 – Meta-analysis Workshop; RBI, Zagreb, Croatia

- 25-29/07/2007 – MedILS Summer School 2007 - Workshop on Computational Biology; Mediterranean Institute for Life Sciences (MedILS), Split, Croatia
- 04-06/07/2005 – Practical course: Introduction to Bioinformatics; Faculty of Electrical Engineering and Computing, Zagreb, Croatia

VISITS TO FOREIGN RESEARCH INSTITUTIONS:

- 30/11-12/12/2015 – visiting scientist at the Division of Molecular Genetic Epidemiology, German Cancer Research Center (DKFZ), Heidelberg, Germany (host Dr. Asta Försti)
- 02-31/03/2015 – InnoMol Secondment at the Division of Bioinformatics, Biocenter, Medical University of Innsbruck, Innsbruck, Austria (host Prof. Zlatko Trajanoski)
- 18-26/11/2014 – visiting scientist at the Division of Molecular Genetic Epidemiology, German Cancer Research Center (DKFZ), Heidelberg, Germany (host Dr. Asta Försti)
- 11/03-09/05/2014 – InnoMol Secondment at the Department of Biosciences and Nutrition, Karolinska Institutet, Stockholm, Sweden (hosts Prof. Stephan Teglund and Prof. Peter Zaphiropoulos)
- 11/2012 - 12/2013 – guest PhD student at the Laboratory of Transcriptional Networks, Centre for Integrative Biology (CIBIO), University of Trento, Trento, Italy (host Prof. Alberto Inga)

PARTICIPATION IN RESEARCH AND OTHER PROJECTS:

- from 01/2019 – associate on the Croatian Science Foundation research project “GLIcode - Differential regulation of the GLI code in BRAF/NRAS driven tumors”; [IP-2018-01-4889] (PI Maja Sabol)
- 2019 – principal investigator on The Terry Fox Foundation research project “Mutational signatures of hereditary breast and ovarian cancer genes“
- 2018 – principal investigator on The Terry Fox Foundation research project “Genetic profile of hereditary breast cancer”
- 05/2017 - 05/2019 – associate on the Croatian Science Foundation research project “MIRnaGLI - Novel Molecular Mechanisms for New Therapeutic Approaches: Interactions of microRNAs and Hedgehog-GLI Signaling Pathway in Serous Ovarian Carcinoma”; [HRZZ-IP-2016-06-1268] (PI Sonja Levanat)
- 2016 – associate on The Terry Fox Foundation scientific project “Apoptotic pathways and role of *BIRC5* (Survivin) in breast cancer development” (PI Sonja Levanat)
- 2016/17 – associate on the City of Zagreb’s scientific project “Mechanisms of interaction of steroids and signaling pathways in the development of ovarian cancer: Looking for early indicators of ovarian cancer” (PI Sonja Levanat)
- 2015 – associate on The Terry Fox Foundation scientific project “MicroRNA profiling of ovarian cancer” (PI Sonja Levanat)
- 2014/2015 – associate on DAAD *Bilateral Exchange of Academics* project “Genetic background of chronic obstructive pulmonary disease (COPD); regulation of inflammation in pulmonary epithelial cells through innate immune receptors activity” (PI Asta Försti & Jelena Knežević)
- 09/2014 - 09/2018 – associate on the Croatian Science Foundation research project “ProNetMel - New protein networks for novel therapeutic avenues in human melanoma”; [HRZZ-IP-2013-11-1615] (PI Neda Slade)
- 2012 – associate on The Terry Fox Foundation scientific project “Role of Survivin as a predictive and prognostic marker in breast cancer” (PI Sonja Levanat)
- 2012 – principal investigator on the Croatian Science Foundation *Fellowships for Doctoral Students* project “Functional analysis of CGG-trinucleotide repeats variants found in the 5' untranslated region of *PTCH1* gene”; [HRZZ 03.01/214]
- 2009 – associate on The Terry Fox Foundation scientific project “Genetic testing of inherited predisposition to breast and ovarian cancer” (PI Sonja Levanat)
- 06/2007 - 10/2013 – associate on scientific project “Signal transduction in tumors: Hh-Gli pathway, interactions and therapeutic potential”; [MZOŠ 098-0982464-2461] (PI Sonja Levanat)
- 11/2006 - 05/2007 – professional associate on HITRA technological project “Developing method for detection of inherited predisposition to breast cancer in Croatia”; [MZOŠ 5025] (PI Sonja Levanat)

TEACHING:

- “Molecular Diagnostics of Hereditary Tumour Diseases”, Postgraduate specialist programme Molecular Diagnostics, University of Zagreb Faculty of Pharmacy and Biochemistry – 2015
- “Genomic DNA”, University Postgraduate Interdisciplinary Doctoral Study of Molecular biosciences at Josip Juraj Strossmayer University of Osijek – 2013/14, 2015/16, 2016/17, 2017/18

- “Experimental Methods in Molecular Oncology”, Doctoral Study, University of Zagreb School of Medicine – 2011/12, 2013/14, 2014/15, 2015/16, 2016/17, 2017/18, 2018/19
- “Cell Signaling Pathways (Oncogenes and Tumor Suppressors)”, Doctoral Study, University of Zagreb Faculty of Science, Department of Biology – 2010/11, 2011/12, 2012/13, 2014/15, 2015/16, 2016/17, 2017/18, 2018/19
- “Signaling Pathways and Interactions”, Undergraduate study of Biotechnology and Pharmaceutical Research, Department of Biotechnology, University of Rijeka – 2010
- “Recombinant DNA Methods”, Specialist Study of Environmental Health Engineering, University of Applied Health Studies, Zagreb – 2008, 2010

AWARDS AND RECOGNITIONS:

- Best Poster Award for poster for poster Ozretić P, Sabol M, Hackl H, Plattner C, Trnski D, Kalafatić D, Musani V, Zeilinger R, Levanat S: “*Interaction of microRNA molecules and Hedgehog-GLI signaling pathway genes in high-grade serous ovarian cancer*” at “HDIR-5: Translating Science to Medicine - Targets and Therapeutics” 5th Meeting of the Croatian Association for Cancer Research with International Participation, 8-10/11/2018, Zagreb, Croatia
- Best Poster Award for poster Ozretić P, da Silva Filho M I, Catalano C, Sokolović I, Vukić Dugac A, Šutić M, Kurtović M, Bubanović G, Popović-Grle S, Škrinjarić Cincar S, Vugrek O, Jukić I, Rumora L, Samaržija M, Bals R, Jakopović M, Försti A, Knežević J: “*NLRP1 Functional Polymorphism rs12150220 (L155H) Is Associated with Lung Function (FEV1 and FEV1/FVC) and Is a Protective Factor in Chronic Obstructive Pulmonary Disease (COPD) Development*” at TORAKS 8 - 8th Congress of Croatian Thoracic Society, 18-21/04/2018, Zagreb, Croatia
- EACR Meeting Bursary for attending the EACR-24 Congress in Manchester, UK, 2016
- 1st place at Best Poster Awards for poster Alvir I, Ozretić P, Roguljić A, Šarčević B, Beketić-Orešković L: “*Role of Hypoxia in Triple Negative Ductal Invasive Breast Carcinoma*” at the 11th Central European Oncology Congress, 17-20/06/2015, Opatija, Croatia
- Best Poster Award for poster Ozretić P, Bisio A, Musani V, Sabol M, Ciribilli Y, Car D, Levanat S, Inga A: “*The Role of 5' Untranslated Region in the Regulation of PTCH1b Gene Expression*” at HDIR-2: Second Meeting of the Croatian Association for Cancer Research with International Participation, 06-07/11/2014, Zagreb, Croatia
- Best Poster Award for poster Sabol M, Ozretić P, Car D: “*The Cell - House of the Hedgehog*” at the Scientific Encounters of the Third Kind, 07-08/07/2011, Zagreb, Croatia
- Croatian Science Foundation - Fellowships for Doctoral Students 2012
- FEBS Collaborative Experimental Scholarships for Central & Eastern Europe 2012
- EACR Travel Fellowship 2011
- FEBS bursary for attending the 35th FEBS Congress in Gothenburg, Sweden, 2010
- FEBS bursary for attending the 34th FEBS Congress in Prague, Czech Republic, 2009
- MZOS support for attending the 34th FEBS Congress in Prague, Czech Republic, 2009

ORGANIZATIONAL SKILLS AND COMPETENCES:

- member of the Organizing Committee of “HDIR-5: Translating Science to Medicine - Targets and Therapeutics” 5th Meeting of the Croatian Association for Cancer Research with International Participation, 8-10/11/2018, Zagreb, Croatia
- one of the organizer of HDIR Practical Workshop “Introduction to Molecular Modeling”, 24/11/2017, RBI, Zagreb, Croatia
- one of the organizer of Symposium “New Advances in Radio and Immune Therapy of Cancer”, 30/03/2017, RBI, Zagreb, Croatia
- member of the Organizing Committee of HDIR-4: The Fourth Meeting of the Croatian Association for Cancer Research with International Participation, 03-04/11/2016, Zagreb, Croatia
- member of the Organizing Committee of HDIR-3: The Third Meeting of the Croatian Association for Cancer Research with International Participation, 06-07/11/2014, Zagreb, Croatia
- main organizer of HDIR Practical Workshop “Molecular Modeling”, 23/07/2014, RBI, Zagreb, Croatia
- main organizer of HDIR Practical Workshop “Protein Microarray Technology”, 14/12/2013, RBI, Zagreb, Croatia
- member of the Organizing Committee of HDIR-2: The Second Meeting of the Croatian Association for Cancer Research with International Participation, 8-9/11/2012, Zagreb, Croatia
- member of the Organizing Committee of HDIR-1: The First Meeting of the Croatian Association for Cancer Research with International Participation, 11/11/2010, Zagreb, Croatia
- tour guide in RBI Open Days in 2008, 2010 and 2013

MEMBERSHIP IN SCIENCE ORGANIZATIONS:

- Croatian Biometric Society (HBMD) – since 2017
- Croatian Society for Theoretical and Mathematical Biology (HDTMB) – treasurer since 2015
- Croatian Association for Cancer Research (HDIR) – secretary since 2009
- European Association for Cancer Research (EACR) – since 2009
- International Society for Computational Biology (ISCB) – 2008-2013
- Croatian Society of Biochemistry and Molecular Biology (HDBMB) – since 2007
- Croatian Society of Human Genetics (HDHG) – since 2007

INVITED TALKS:

1. Ozretić P: *Interaction of microRNA molecules and Hedgehog-GLI signaling pathway genes in high-grade serous ovarian cancer* (HDIR-5 Best Poster Award). HDIR Annual Assembly 12/12/2018, RBI, Zagreb, Croatia
2. Ozretić P: *[Application of computer programs for the assessment of clinical significance of BRCA2 5'UTR sequence variants]*. Human Genetics Day “Prof. dr. sc. Ljiljana Zergollern-Čupak”, 8/12/2018, Croatian Medical Association, Zagreb, Croatia
3. Ozretić P: *The interplay between micro-RNA molecules and apoptosis-associated genes in high-grade serous ovarian cancer*. 4th Scientific Symposium on Apoptosis and Neoplasms, Croatian Academy of Sciences and Arts, 28/03/2017, Zagreb, Croatia
4. Ozretić P: *Bioinformatic Resources for microRNA Research*. InnoMol Workshop “New Platforms for Molecular Solutions in Research and Development”, 11-12/05/2016, RBI, Zagreb, Croatia
5. Ozretić P: *Expression of PTCH1b Tumor Suppressor Gene Is Controlled by Different 5' Untranslated Region Cis-Regulatory Elements*. The Second Meeting of Serbian Association for Cancer Research with International Participation „Cancer research: perspectives and applications“, 02-03/10/2015, Belgrade, Serbia
6. Ozretić P: *The role of 5' untranslated region in the regulation of PTCH1b gene expression* (HDIR-2 Best Poster Award). HDIR Annual Assembly 21/12/2012, RBI, Zagreb, Croatia
7. Ozretić P: *Assessing Functional Significance of BRCA2 Gene 5'-UTR Sequence Variants Using In Silico Methods*. HDIR Annual Assembly 20/10/2011, RBI, Zagreb, Croatia
8. Ozretić P, Levacic Cvok M, Musani V, Sabol M, Car D, Levanat S: *In Silico Methods for Assessing Potential Functional Impact of Human Breast Cancer Gene BRCA2 Sequence Variants Found in 5' Untranslated Region*. 16th World Congress on Advances in Oncology and 14th International Symposium on Molecular Medicine, 06-08/10/2011, Rhodes, Greece

SHORT TALKS:

1. Ozretić P, Bisio A, Musani V, Trnski D, Sabol M, Levanat S, Alberto I: *Functional Analysis of Cis-regulatory Elements from 5' Untranslated Region of PTCH1B Gene*. Congress of the Croatian Society of Biochemistry and Molecular Biology (HDBMB2014), 24-27/09/2014, Zadar, Croatia
2. Ozretić P: *Dissecting the Cis-regulatory Elements in 5' Untranslated Region of PTCH1 Gene, Transcript Variant 1b*. 19/03/2014. Huddinge/Novum, Karolinska Institutet, Stockholm, Sweden

PUBLICATIONS:

1. Knezović Florijan M, Ozretić P, Bujak M, Pezzè L, Ciribilli Y, Kaštelan Ž, Slade N, Hudolin T. The Role of p53 Isoforms' Expression and p53 Mutation Status in Renal Cell Cancer Prognosis. *Urol Oncol*. 2019. DOI: 10.1016/j.urolonc.2019.03.007
2. Trnski D*, Gregorić M*, Levanat S, Ozretić P, Rinčić N, Majić Vidaković T, Kalafatić D, Maurac I, Orešković S, Sabol M, Musani V. Regulation of Survivin Isoform Expression by GLI Proteins in Ovarian Cancer. *Cells*. 2019; 8(2):128.
3. Sabol M, Trnski D, Musani V, Ozretić P, Levanat S. Role of GLI Transcription Factors in Pathogenesis and Their Potential as New Therapeutic Targets. *Int J Mol Sci*. 2018; 19(9):2562.
4. Mršić G, Ozretić P, Crnjac J, Merkaš S, Sukser V, Račić I, Rožić S, Barbarić B, Popović M, Korolija M. Expanded Croatian 12 X-STR loci database with an overview of anomalous profiles. *Forensic Sci Int Genet*. 2018; 34:249-256.
5. Musani V, Ozretić P, Trnski D, Sabol M, Poduje M, Tošić M, Šitum M, Levanat S. Potential hot spot for de novo mutations in PTCH1 gene in Gorlin syndrome patients: a case report of twins from Croatia. *Croat Med J*. 2018; 59(1):20-24.
6. Ozretić P, Alvir I, Sarcevic B, Vujaskovic Z, Rendic-Miocevic Z, Roguljic A, Beketic-Oreskovic L. Apoptosis regulator Bcl-2 is an independent prognostic marker for worse overall survival in triple-negative breast cancer patients. *Int J Biol Markers*. 2018; 33(1):109-115.

7. Musani V, Sušac I, Ozretić P, Eljuga D, Levanat S. The first case report of a large deletion of the BRCA1 gene in Croatia. *Medicine*. 2017; 96(48):e8667.
8. Ozretić P*, Trnski D*, Musani V, Maurac I, Kalafatić D, Orešković S, Levanat S, Sabol M. Non-canonical Hedgehog signaling activation in ovarian borderline tumors and ovarian carcinomas. *Int J Oncol*. 2017; 51(6):1869-1877.
9. Barbarić L, Ozretić P, Horjan I, Korolija M, Mršić G. Forensic evaluation of the 20 STR loci in the population of Croatia. *Forensic Sci Int Genet*. 2017; 28:e49-e50.
10. Mršić G, Ozretić P, Crnjac J, Merkaš S, Račić I, Rožić S, Sukser V, Popović M, Korolija M. Analysis of 12 X-STR loci in the population of south Croatia. *Mol Biol Rep*. 2017; 44(1):183-189.
11. Levanat S, Sabol M, Musani V, Ozretić P, Trnski D. Hedgehog Signaling Pathway as Genetic and Epigenetic Target in Ovarian Tumors. *Curr Pharm Design*. 2017; 23(1):73-94.
12. Crnjac J, Ozretić P, Merkaš S, Ratko M, Lozančić M, Korolija M, Popović M, Mršić G. Investigator Argus X-12 study on the population of north Croatia. *Genet Mol Biol*. 2017; 40(1):80-83.
13. Crnjac J, Ozretić P, Merkaš S, Ratko M, Lozančić M, Rožić S, Špoljarić D, Korolija M, Popović M, Mršić G. Analysis of 12 X-chromosomal markers in the population of central Croatia. *Leg Med (Tokyo)*. 2016; 21:77-84.
14. Trnski D, Sabol M, Gojević A, Martinić M, Ozretić P, Musani V, Ramić S, Levanat S. GSK3 β and Gli3 play a role in activation of Hedgehog-Gli pathway in human colon cancer – Targeting GSK3 β downregulates the signaling pathway and reduces cell proliferation. *BBA - Mol Basis Dis*. 2015; 1852(12):2574-2584.
15. Ozretić P, Bisio A, Musani V, Trnski D, Sabol M, Levanat S, Inga A. Regulation of human PTCH1b expression by different 5' untranslated region cis-regulatory elements. *RNA Biol*. 2015; 12(3):290-304.
16. Sabol M*, Trnski D*, Uzarevic Z, Ozretic P, Musani V, Rafaj M, Cindric M, Levanat S. Combination of Cyclopamine and Tamoxifen Promotes Survival and Migration of MCF-7 Breast Cancer Cells - Interaction of Hedgehog-Gli and Estrogen Receptor Signaling Pathways. *PLoS One*. 2014; 9(12):e114510.
17. Musani V, Sabol M, Car D, Ozretić P, Kalafatić D, Maurac I, Orešković S, Levanat S. PTCH1 gene polymorphisms in ovarian tumors: Potential protective role of c.3944T allele. *Gene*. 2013; 517(1):55-59.
18. Ozretić P, Bisio A, Inga A, Levanat S. The growing relevance of cap-independent translation initiation in cancer-related genes. *Period Biol*. 2012; 114(4):471-478.
19. Sabol M, Car D, Musani V, Ozretic P, Oreskovic S, Weber I, Levanat S. The Hedgehog signaling pathway in ovarian teratoma is stimulated by Sonic Hedgehog which induces internalization of Patched. *Int J Oncol*. 2012; 41(4):1411-1418.
20. Levanat S, Musani V, Cvok ML, Susac I, Sabol M, Ozretic P, Car D, Eljuga D, Eljuga L, Eljuga D. Three novel BRCA1/BRCA2 mutations in breast/ovarian cancer families in Croatia. *Gene*. 2012; 498(2):169-76.
21. Beketic-Oreskovic L, Maric P, Ozretic P, Oreskovic D, Ajdukovic M, Levanat S. Assessing the clinical significance of tumor markers in common neoplasms. *Front Biosci (Elite Ed)*. 2012; E4:2558-2578.
22. Musani V, Sabol M, Car D, Ozretić P, Orešković S, Leović D, Levanat S. LOH of PTCH1 region in BCC and ovarian carcinoma: microsatellite vs. HRM analysis. *Front Biosci (Elite Ed)*. 2012; E4:1049-1057.
23. Maurac I, Sabol M, Musani V, Car D, Ozretic P, Kalafatic D, Oreskovic S, Babic D, Levanat S. A low grade ovarian carcinoma case with coincident LOH of PTCH1 and BRCA1, and a mutation in BRCA1. *Int J Gynecol Pathol*. 2012; 31(3):264-271.
24. Leovic D, Sabol M, Ozretic P, Musani V, Car D, Marjanovic K, Zubcic V, Sabol I, Sikora M, Grce M, Glavas-Obrovac Lj, Levanat S. Hh-Gli signaling pathway activity in oral and oropharyngeal squamous cell carcinoma. *Head Neck - J Sci Spec*. 2012; 34(1):104-112.
25. Beketic-Oreskovic L, Ozretic P, Rabbani ZN, Jackson IL, Sarcevic B, Levanat S, Maric P, Babic, I, Vujaskovic Z. Prognostic significance of carbonic anhydrase IX (CA-IX), endoglin (CD105) and 8-hydroxy-2'-deoxyguanosine (8-OHdG) in breast cancer patients. *Pathol Oncol Res*. 2011; 17(3):593-603.
26. Maric P, Ozretic P, Levanat S, Oreskovic S, Antunac K, Beketic-Oreskovic L. Tumor Markers in Breast Cancer – Evaluation of their Clinical Usefulness. *Coll Antropol*. 2011; 35(1):241-247.
27. Car D, Sabol M, Musani V, Ozretic P, Levanat S. Epigenetic regulation of the Hedgehog-Gli signaling pathway in cancer. *Period Biol*. 2010; 112(4):419-423.
28. Ozretic P, Levacic Cvok M, Musani V, Sabol M, Car D, Levanat S. *In silico* analysis of potential structural and functional significance of human breast cancer gene BRCA2 sequence variants found in 5' untranslated region. *Period Biol*. 2010; 112(4):469-474.
29. Cretnik M, Poje G, Musani V, Kruslin B, Ozretic P, Tomas D, Situm M, Levanat S. Involvement of p16 and PTCH in pathogenesis of melanoma and basal cell carcinoma. *Int J Oncol*. 2009; 34(4):1045-1050.
30. Cvok ML, Cretnik M, Musani V, Ozretic P, Levanat S. New sequence variants in BRCA1 and BRCA2 genes detected by high-resolution melting analysis in an elderly healthy female population in Croatia. *Clin Chem Lab Med*. 2008; 46(10):1376-1383.