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 Google Scholar: <https://scholar.google.com/citations?user=xGLXUnEAAAAJ>
 ResearchGate: <https://www.researchgate.net/profile/Petar-Ozretic>
 RCA: <https://referencecitationanalysis.com/00000523>

WORK EXPERIENCE:

- 1/6/2019-present – head of Laboratory for Hereditary Cancer, Ruđer Bošković Institute (RBI), Zagreb, Croatia
- 10/4/2017-present – research associate; Laboratory for Hereditary Cancer, RBI, Zagreb, Croatia
- 10/7/2013-9/4/2017 – senior research assistant / postdoc; Laboratory for Hereditary Cancer, RBI, Zagreb, Croatia
- 1/6/2007-9/7/2013 – research assistant / PhD student; Laboratory for Hereditary Cancer, RBI, Zagreb, Croatia
- 1/11/2006-30/4/2007 – professional associate; Laboratory for Molecular Oncology, RBI, Zagreb, Croatia

EDUCATION:

- 28/5/2013 – 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*” (mentor Prof. Sonja Levanat and Prof. Alberto Inga)
- 8/2/2005 – 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*” (mentor Dr. Sonja Levanat)

ACADEMIC TITLES:

- 24/4/2018 – assistant professor (title) in Biomedicine and health area, Basic medical sciences field at Doctoral Study of Molecular biosciences at J J Strossmayer University of Osijek, Osijek, Croatia
- 5/2/2014 – research associate in Biomedicine and health area, Basic medical sciences field

TRAINING:

- 2/6/2022 – The Latest HPC and AI Technologies in the Fields of Computational and Medicinal Chemistry; RBI, Zagreb, Croatia
- 11-12/7/2020 – ISMB 2020 Online Workshop: Mutational signature analysis: pipelines, machine learning, and benchmarking on synthetic data
- 23-26/10/2018 – EMBL-EBI Workshop: Analysis of High Throughput Sequencing Data; Wellcome Genome Campus, Hinxton, UK
- 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

- 12-13/9/2016 – Human NGS data analysis and Interpretation; Institute of Biochemistry, Faculty of Medicine, Ljubljana, Slovenia
- 6/6/2016 – Introduction to HPC and Cloud Computing; RBI, Zagreb, Croatia
- 9-10/12/2015 – Practical Introduction into Sequence Analysis with Focus on High Throughput Sequencing; DKFZ, Heidelberg, Germany
- 29/9/2015 – BioBash Workshop: Introduction to Python; RBI, Zagreb, Croatia
- 10-11/6/2014 – Bioinformatic Data Analysis Using e-Science Cloud Service; RBI, Zagreb, Croatia
- 10/6/2011 – TransMedRi Workshop in Biostatistics; Rijeka University School of Medicine, Rijeka, Croatia
- 26/4-1/5/2010 – EMBO Practical Course on Computational RNA Biology; Institut d'Études Scientifiques de Cargese, Cargese, France
- 29/3-1/4/2010 – Theoretical Course RNA Structure and Function; ICGEB, Trieste, Italy
- 3-4/3/2010 – Cambridge Structural Database Workshop; RBI, Zagreb, Croatia
- 17-20/2/2009 – Joint EMBRACE-EBI Workshop: Understanding Protein Structures; Wellcome Trust Genome Campus, Hinxton, UK
- 17-20/9/2007 – Meta-analysis Workshop; RBI, Zagreb, Croatia
- 25-29/7/2007 – MedILS Summer School 2007 - Workshop on Computational Biology; Mediterranean Institute for Life Sciences (MedILS), Split, Croatia
- 4-6/7/2005 – 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)
- 2-31/3/2015 – 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)
- 11/3-9/5/2014 – 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 – visiting 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 2022 – Management Committee (MC) member from Croatia of COST Action CA21140 - Interception of oral cancer development (INTERCEPTOR)
- from 2022 – MC member from Croatia of CA21154 - Translational control in Cancer European Network (TRANSLACORE)
- 2021/22 – associate on the project “Relationship Between Microbiome Characteristics, Psychological Stress and Skin Inflammation”; School of Dental Medicine University of Zagreb (PI Liborija Lugović Mihić)
- 2021/22 – principal investigator on The Terry Fox Foundation research project “Genetic Background of Hereditary Breast Cancer Beyond BRCA1/2 Genes”
- from 2021 – Management Committee member from Croatia of COST Action CA19138 - Lobular Breast Cancer: Discovery Science, Translational Goals, Clinical Impact (LOBSTERPOT)
- from 2021 – member of Work Package 1 from Croatia of CA18117 - European network for Gynaecological Rare Cancer research: From Concept to Cure (GYNO CARE)
- 2020-22 – principal investigator on The Terry Fox Foundation research project “Deciphering mechanisms of endocrine resistance to discover new predictive biomarkers and combination therapy for hormone receptor-positive breast cancers”

- from 1/2019 – 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”
- 5/2017-5/2019 – 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)
- 9/2014-9/2018 – 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)
- 6/2007-10/2013 – associate on scientific project “Signal transduction in tumors: Hh-Gli pathway, interactions and therapeutic potential”; [MZOS 098-0982464-2461] (PI Sonja Levanat)
- 11/2006-5/2007 – professional associate on HITRA technological project “Developing method for detection of inherited predisposition to breast cancer in Croatia”; [MZOS 5025] (PI Sonja Levanat)

TEACHING:

- “Cell Signaling Pathways (Oncogenes and Tumor Suppressors)”, Doctoral Study, University of Zagreb Faculty of Science, Department of Biology – academic year 2010/11, 2011/12, 2012/13, 2014/15, 2015/16, 2016/17, 2017/18, leader from 2018/19, 2019/20, 2020/21, 2021/22, 2022/23
- “Combination Therapy and Mechanisms for Treatment of Malignant Diseases”, University Postgraduate Interdisciplinary Doctoral Study of Molecular biosciences at J J Strossmayer University of Osijek – coleader from 2018/19. 2020/2021, 2022/23
- “Genomic DNA”, University Postgraduate Interdisciplinary Doctoral Study of Molecular biosciences at J J Strossmayer University of Osijek – 2013/14, 2015/16, 2016/17, 2017/18, 2018/19
- “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, 2019/20, 2020/21, 2021/22, 2022/23
- “Molecular Diagnostics of Hereditary Tumour Diseases”, Postgraduate specialist programme Molecular Diagnostics, University of Zagreb Faculty of Pharmacy and Biochemistry – 2015
- “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

MENTORSHIPS:

- *Diploma students*: Kristina Sladić (defended 26/2/2019), Jacqueline Kranjčević (in progress) - Department of Chemistry, Faculty of Science, UniZg, Zagreb; Lara Božićević, (25/2/2021), Tina Miloš (7/7/2021), Janja Josić (28/2/2023), Petra Perić (28/2/2023) - Department of Biology, Faculty of Science, UniZg, Zagreb
- *PhD students*: Ivan Štefanac (defended 1/7/2021) - Doctoral Study of Molecular biosciences at J J Strossmayer University of Osijek, Osijek, Ilona Sušac (in progress), Josipa Čonkaš (in progress) - The doctoral study of Biology, Department of Biology, Faculty of Science, UniZg, Zagreb
- *Internships*: Alicja Braska, Poland (26/7–27/9/2021), Marta Bardowska, Poland (13/9–11/11/2022) - Erasmus+ Internship

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, 18-21/4/2018, 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, 17-20/6/2015, 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, 6-7/11/2014, 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, 7-8/7/2011, 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:

- member of Scientific and Organizing Committees of “HDIR-6: Targeting Cancer” 6th Meeting of the Croatian Association for Cancer Research with International Participation, 10-11/11/2022, Zagreb, Croatia
- member of Organizing Committee of the meetings of the Croatian Association for Cancer Research with international participation: HDIR-5, 8-10/11/2018, Zagreb, Croatia; HDIR-4, 3-4/11/2016, Zagreb, Croatia; HDIR-3, 6-7/11/2014, Zagreb, Croatia; HDIR-2, 8-9/11/2012, Zagreb, Croatia; HDIR-1, 11/11/2010, Zagreb, Croatia
- one of the organizers of symposium “New Advances in Radio and Immune Therapy of Cancer”, 30/3/2017, RBI, Zagreb, Croatia
- one of the organizers of HDIR Practical Workshops “Introduction to Molecular Modeling”, 8-9,12/12/2022, 2-3,6/12/2021, 3-4,7/12/2020, 24-25/11/2019, 1/10/2018, 24/11/2017, RBI, Zagreb, Croatia; “Molecular Modeling”, 23/7/2014, RBI, Zagreb, Croatia; “Protein Microarray Technology”, 14/12/2013, RBI, Zagreb, Croatia
- tour guide in RBI Open Days in 2008, 2010 and 2013

MEMBERSHIP IN SCIENTIFIC ORGANIZATIONS:

- International Society of Oncology and Biomarkers (ISOBM) – since 2022
- Clinical Genetic Society of Croatia (DKGH) – since 2022; member of Management Committee from 2022
- European Reference Genome Atlas (ERGA) Consortium – member since 2021
- Croatian Biometric Society (HBMD) – since 2017
- Croatian Society for Theoretical and Mathematical Biology (HDTMB) – since 2015, treasurer 2015-2021
- Croatian Association for Cancer Research (HDIR) – co-founder, member, and secretary since 2009
- European Association for Cancer Research (EACR) – since 2009
- Croatian Society of Biochemistry and Molecular Biology (HDBMB) – since 2007
- Croatian Society of Human Genetics (HDHG) – since 2007
- International Society for Computational Biology (ISCB) – 2008-2013, 2020-2021

MEMBERSHIP IN JOURNAL BOARDS:

- *Oncology Research; Cancer Plus* – Editorial Board Member
- *Libri oncologici, Croatian Journal of Oncology* – Member of Editorial Council
- *Periodicum biologorum* – Technical Editor
- *Frontiers in Genetics; Frontiers in Oncology* – Review Editor

INVITED TALKS:

1. Ozretić P: *Epigenetic regulation of BRCA1 and BRCA2 mRNA expression by promoter methylation and microRNAs in ovarian cancer*; GYNOCARE Final conference “Our battle for better healthcare is eternal”, 02-03/07/2023., Sofia, Bulgaria
2. Ozretić P: *How to study the role of non-coding RNAs in the pathology of rare gynecological cancers in vitro*. GYNOCARE Cost Action Training School on Pathology of Rare Gynaecological Cancers, 18-20/09/2022, Skopje, North Macedonia
3. Ozretić P: [*The Role of Endogenous Competitive RNAs (ceRNAs) in the Regulation of BCL2 Gene Expression in High-Grade Serous Ovarian Carcinoma*]. 7th HAZU Symposium “APOPTOSIS AND NEOPLASIA“, 21/04/2021 [on-line]
4. Ozretić P: [*Application of Bioinformatics for Detection of Genetic Basis of Cancer*]. Students’ Congress about Cancer. Croatian Society of Chemical Engineers, 12/12/2020 [on-line]
5. 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
6. 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
7. 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
8. 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
9. 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
10. 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
11. 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
12. 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: *Prioritizing BRCA2 5'UTR sequence variants with a potential structural and functional impact through comprehensive in silico analysis.* TRANSLACORE Face to face MC and WG meeting, 20-21/03/2023, Lisbon, Portugal
2. Ozretić P: *Regulation of Hedgehog-GLI signaling pathway by non-coding RNAs in high-grade serous ovarian cancer.* First meeting of the BBSRC International Partnering Award “The GLI transcription factors: from upstream regulators to downstream targets”, 11-12/01/2023, University of Leeds, Leeds, UK
3. Ozretić P: *Downregulation of Hedgehog-GLI signaling pathway genes by miRNA molecules in high-grade serous ovarian carcinoma.* 11th ISABS Conference on Forensic and Anthropologic Genetics and Mayo Clinic Lectures in Individualized Medicine. 17-22/06/2019, Split, Croatia
4. 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
5. 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. Ćesić D, Lugović Mihić L, Ozretić P, Lojkić I, Buljan M, Šitum M, Zovak M, Vidović D, Mijić A, Galić N, Tambić Andrašević A. Association of Gut Lachnospiraceae and Chronic Spontaneous Urticaria. *Life*. 2023; 13(6):1280.
2. Piteša N, Kurtović M, Bartoniček N, Gkotsi D.S, Čonkaš J, Petrić T, Musani V, Ozretić P, Del Galdo N.A.R, Sabol M. Signaling Switching from Hedgehog-GLI to MAPK Signaling Potentially Serves as a Compensatory Mechanism in Melanoma Cell Lines Resistant to GANT-61. *Biomedicines*. 2023; 11(5):1353.
3. Čonkaš J, Sabol M, Ozretić P. ‘Toxic Masculinity’: What Is Known about the Role of Androgen Receptors in Head and Neck Squamous Cell Carcinoma. *Int J Mol Sci*. 2023; 24(4):3766.
4. Theissinger K, Fernandes C, Formenti G, Bista I, Berg PR, Bleidorn C, Bombarely A, Crottini A, Gallo GR, Godoy JA, Jentoft S, Malukiewicz J, Mouton A, Oomen RA, Paez S, Palsbøll PJ, Pampoulie C, Ruiz-López MJ, Secomandi S, Svardal H, Theofanopoulou C, de Vries J, Waldvogel AM, Zhang G, Jarvis ED, Bálint M, Ciofi C, Waterhouse RM, Mazzoni CJ, Höglund J; European Reference Genome Atlas Consortium. How genomics can help biodiversity conservation. *Trends Genet*. 2023; 39(7):545-559.
5. Krišto M, Lugović-Mihić L, Muñoz M, Rupnik M, Mahnic A, Ozretić P, Jaganjac M, Ćesić D, Kuna M. Gut Microbiome Composition in Patients with Chronic Urticaria: A Review of Current Evidence and Data. *Life*. 2023; 13(1):152
6. Budimir I, Tomasović-Lončarić Č, Kralik K, Čonkaš J, Eljuga D, Žic R, Gorjanc B, Tucaković H, Caktaš D, Jaman J, Lisek V, Vlačić Z, Martić K, Ozretić P. Higher Expressions of SHH and AR Are Associated with A Positive Receptor Status and Have Impact on Survival in A Cohort of Croatian Breast Cancer Patients. *Life*. 2022, 12(10):1559.
7. Kurtović M, Piteša N, Bartoniček N, Ozretić P, Musani V, Čonkaš J, Petrić T, King C, Sabol M. RNA-seq and ChIP-seq identification of unique and overlapping targets of GLI transcription factors in melanoma cell lines. *Cancers*. 2022; 14(18):4540
8. Formenti G, Theissinger K, Fernandes C, Bista I, Bombarely A, Bleidorn C, Ciofi C, Crottini A, Godoy JA, Höglund J, Malukiewicz J, Mouton A, Oomen RA, Paez S, Palsbøll PJ, Pampoulie C, Ruiz-López MJ, Svardal H, Theofanopoulou C, de Vries J, Waldvogel AM, Zhang G, Mazzoni CJ, Jarvis ED, Bálint M; European Reference Genome Atlas (ERGA) Consortium. The era of reference genomes in conservation genomics. *Trends Ecol Evol*. 2022;37(3):197-202.
9. Tadijan A, Precazzini F, Hanžić N, Radić M, Gavioli N, Vlašić I, Ozretić P, Pinto L, Škreblin L, Barban G, Slade

- N, Ciribilli Y. Altered Expression of Shorter p53 Family Isoforms Can Impact Melanoma Aggressiveness. *Cancers*. 2021; 13(20):5231.
10. Sabol M, Calleja-Agius J, Di Fiore R, Suleiman S, Ozcan S, Ward MP, Ozretić P. (In)Distinctive Role of Long Non-Coding RNAs in Common and Rare Ovarian Cancers. *Cancers*. 2021; 13(20):5040.
 11. Trnski D, Sabol M, Tomić S, Štefanac I, Mrčela M, Musani V, Rinčić N, Kurtović M, Petrić T, Levanat S, Ozretić P. SHH-N non-canonically sustains androgen receptor activity in androgen-independent LNCaP prostate cancer cells. *Scientific Reports*. 2021; 11(1):14880.
 12. Di Fiore R, Suleiman S, Felix A, O'Toole SA, O'Leary JJ, Ward MP, Beirne J, Sabol M, Ozretić P, Yordanov A, Vasileva-Slaveva M, Kostov S, Nikolova M, Said-Huntingford I, Ayers D, Ellul B, Pentimalli F, Giordano A, Calleja-Agius J. An Overview of the Role of Long Non-Coding RNAs in Human Choriocarcinoma. *Int J Mol Sci*. 2021; 22(12):6506.
 13. Di Fiore R, Suleiman S, Pentimalli F, O'Toole SA, O'Leary JJ, Ward MP, Conlon NT, Sabol M, Ozretić P, Erson-Bensan AE, Reed N, Giordano A, Herrington CS, Calleja-Agius J. Could MicroRNAs Be Useful Tools to Improve the Diagnosis and Treatment of Rare Gynecological Cancers? A Brief Overview. *Int J Mol Sci*. 2021; 22(8):3822.
 14. Zubčić V, Rinčić N, Kurtović M, Trnski D, Musani V, Ozretić P, Levanat S, Leović D, Sabol M. GANT61 and Lithium Chloride Inhibit the Growth of Head and Neck Cancer Cell Lines Through the Regulation of GLI3 Processing by GSK3 β . *Int J Mol Sci*. 2020; 21(17):6410.
 15. Eljuga D, Milas I, Ozretić P, Stanec M, Gorjanc B, Eljuga K, Vlačić Z, Martić K. Prospective study on quality of life after oncoplastic and lumpectomy breast cancer procedures—Is there a difference? *Breast J*. 2020; 26(2):312-315.
 16. Šutić M, Motzek A, Bubanović G, Linke M, Sabol I, Vugrek O, Ozretić P, Brčić L, Seiwerth S, Debeljak Ž, Jakovčević A, Janevski Z, Stančić-Rokotov D, Vukić Dugac A, Jakopović M, Samaržija M, Zechner U, Knežević J. Promoter methylation status of ASC/TMS1/PYCARD is associated with decreased overall survival and TNM status in patients with early stage non-small cell lung cancer (NSCLC). *Transl Lung Cancer Res*. 2019; 8(6):1000-1015.
 17. Ozretić P*, da Silva Filho MI*, Catalano C, Sokolović I, Vukić-Dugac A, Šutić M, Kurtović M, Bubanović G, Popović-Grle S, Skrinjarić-Cincar S, Vugrek O, Jukić I, Rumora L, Bosnar M, Samaržija M, Bals R, Jakopović M, Försti A, Knežević J. Association of the NLRP1 coding polymorphism with the lung function and serum IL-1 β concentration in the patients diagnosed with chronic obstructive pulmonary disease (COPD). *Genes*. 2019; 10(10):783.
 18. Ozretić P*, Hanzic N*, Proust B, Sabol M, Trnski D, Radic M, Musani V, Ciribilli Y, Milas I, Puljiz Z, Herak Bosnar M, Levanat S, Slade N. Expression profiles of p53/p73, NME and GLI families in metastatic melanoma tissue and cell lines. *Scientific Reports*. 2019; 9(1):12470.
 19. Sušac I*, Ozretić P*, Gregorić M, Levačić Cvok M, Sabol M, Levanat S, Trnski D, Eljuga D, Seiwerth S, Aralica G, Stanec M, Musani V. Polymorphisms in survivin (BIRC5 gene) are associated with age of onset in breast cancer patients. *J Oncol*. 2019; 3483192.
 20. 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; 37(9):578.e1-578.e10.
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