

PERSONAL INFORMATION

Simona Jurkovic Mlakar

WORK EXPERIENCE

September 2005-February 2006

Internship for pharmacists EU

Lekarna Ljubljana pharmacy (Slovenia)

- Dispensing prescription and over-the-counter medicines;
- Preparation of extemporaneous medicines in pharmacies;
- Reporting of adverse drug reactions;
- The supply of other treatment support and human health maintenance products: medical devices, foods for special medical purposes, foodstuffs for particular nutritional use, food supplements, veterinary products, cosmetics and other products intended for human care and protection;
- The extemporaneous production of homoeopathic medicinal products,
- Advising patients on medicine and healthcare;
- Treating minor ailments.

March 2006-September 2010

PhD young researcher, ARRS grant

Clinical Institute of Clinical Chemistry and Biochemistry, University Clinical Centre Ljubljana, Slovenia (Slovenia)

- Carrying out molecular laboratory work;
- Collaboration in international projects and with the research institutions in Slovenia and abroad (Sweden), as well as with high-tech Slovenian and foreign companies as partners;
- Participation in 6th Frame EU project PHIME («Public Health Impact of long-term, low-level Mixed Element Exposure in susceptible population strata«)- global effects of exposure to heavy metals on development of children;
- Participating in various workshops;
- Presenting results on international simposiums;
- Scientific writing;
- Project planning and management;
- Research aim: understanding the biology of the interaction of a wide variety of molecular and biochemical tests, as well as modeling elements to increase understanding of the complex regulatory network in reproductive biology;
- Analysis of promoter activities, non-target and targeted quantification of gene expression;
- The study of the impact of epigenetics and environmental factors on reproductive biology.

October 2010-August 2012

Assistant with PhD

University of Ljubljana, Faculty of Pharmacy (Slovenia)

- Carrying out molecular laboratory work;
- Collaboration in international projects and with the research institutions in Slovenia and abroad (Sweden), as well as with high-tech Slovenian and foreign companies as partners;
- Participating in various workshops;
- Presenting results on international simposiums;
- Scientific writing;
- Project planning and management;
- Research aim: understanding the biology of the interaction of a wide variety of molecular and biochemical tests, as well as modeling elements to increase understanding of the complex regulatory network in biology of osteoporosis;
- Pharmacogenetics;
- Epigenetics/Genetics of oxidative stress response and osteoporosis.
- Focusing on metastasising process to bones, functional role of RANKL protein and epigenetic role

of ADRA2A gene in bone cells.

September 2012-November 2015 **Scientist Analyst with PhD, Analytical Science and Technology, Quality Control of Pharmaceuticals group**

Sandoz Biopharmaceuticals Menges (Novartis), Lek Pharmaceuticals d.d. (Slovenia)

- Performing and controlling an in-depth analysis of the pharmaceuticals from the manufacturing;
- Ensuring the quality of raw materials and resources used on the production;
- Inspecting the features and specifications of the compound, checking its adherence to high-quality standards and safe consumption;
- Creating data reports from trend analysis;
- Controlling CROs - all steps from documentation to the analysis and results in proper time;
- Controlling and Production of the reference standards produced according to EP and US pharmacopoeia guidelines;
- Utilizing the LIMS system to submit samples, enter data, and track samples;
- Providing support to develop of new and existing projects and the GMP manufacturing of biological compounds;
- Development of HPLC methods, writing method protocols, and validating methods, standardisation of all processes and decreasing variability significantly;
- Communicating out of specification results to solutions managers and QC manager;
- Experience in USP/BP/JP and EP pharmacopoeias and the change process by EMA/FDA.

April 2016-May 2022 **Senior researcher with PhD**
University of Geneve, CANSEARCH research laboratory, Department of Pediatrics oncology (Switzerland)

- Postdoctoral Senior Researcher in pediatric oncology and hematology;
- Working in the fields of pharmacogenetics/genomics of pediatric cancer and stem cell transplantation for many years;
- Collaboration with the research faculty services from the University of Geneva as well as Campus Biotech, cutting-edge bio-computer computing resources, cellular culture facilities and at sophisticated experimental platforms for functional validation;
- Performing integrated analyses of genetic or genomic data to better understand the usefulness of genetic markers (pharmacogenetic), in particular, to predict toxicities linked to anticancer chemotherapy used in pediatric hematopoietic stem cell transplantation, and long term experiences in pediatric cancer survivors;
- Writing and Participating in complex translational research projects, assisting in drafting of technical reports and documents for publication (scientific articles);
- Involvement in stem cell transplantation, immunotherapy and CAR T cells activities;
- Analysis and development of the pharmacogenetics and pharmacokinetics program in childhood cancer;
- Supervision of certain clinical studies, with the possibility of potentially becoming co-partners of some of them, presentation at national and international congresses;
- Development of certain cell culture techniques and analysis of sensitivity to different chemotherapy (Treasulfan, Busulfan, etc.), in partnership with Platform biologists;
- Analysis of NGS (next generation sequencing) data of a large cohort of patients using existing public databases (e.g. TARGET), in partnership with the Platform's bio-informatics;
- Organizing and coordinating the sharing of information regarding NGS data between the Platform bio-informatics and statisticians.

September 2022-October 2022 **Expert Teacher**
School center Novo mesto (Slovenia)

- Teaching students
- Guiding practical and theoretical courses in the fields of: Pharmaceutical biotechnology, Analytical chemistry and Cosmetics;

- November 2022- Present **Clinical/PreClinical Assessor - Division for Preclinical and Clinical Assessment of Medicinal Products and for Clinical Trials**
Agency for Medicinal Products and Medical Devices of the Republic of Slovenia (JAZMP) (Slovenia)
- Evaluation of non-clinical and clinical aspects for generic drugs (BEQ studies, WEU applications)
 - Evaluation of non-clinical and clinical aspects of biological medicines
 - Verification of the professional correctness of tasks (peer review);
 - Maintaining the records;
 - Monitoring innovations;
 - Leading, performing and/or making decisions in administrative procedures in accordance with the mandate;
 - Participation in the preparation of strategic documents;
 - Proposing new solutions;
 - Preparation documentation for work needs.

EDUCATION AND TRAINING

- October 1999-June 2005 **MS.c in PHARMACY**
University of Ljubljana, Faculty of Pharmacy (Slovenia)
- Education in all Pharmacy-related fields covered - theoretical and practical courses;
 - Thesis Title Synthesis of Arginyl-Glycyl-Aspartic acid tripeptide mimetics (Field: Pharmaceutical and Synthesis Chemistry).
- September 2005-February 2006 **Internship for pharmacists EU**
Lekarna Ljubljana pharmacy (Slovenia)
- Dispensing medication
Advising patients on medicine and healthcare
Treating minor ailments
- October 2005-December 2010 **Ph.D in BIOMEDICINE**
University of Ljubljana, Faculty of Pharmacy (Slovenia)
- Expertise in Clinical Biochemistry and Laboratory Biomedicine
 - Courses: Clinical Biochemistry and Laboratory Diagnostics, Pharmacotherapy, Biochemistry, Biotechnology, Immunology
 - Thesis in the field of Clinical biochemistry and molecular biology.

ADDITIONAL INFORMATION

- Expertise**
- Bioinformatics - enrichment analysis using mRNA, miRNA and methylation NGS data, network analysis, Next Generation Sequencing - Genome variant analysis, Ligand-protein docking, and computer-aided drug design, Machine Learning with Python, Library preparation and capture protocol using Whole Exome Solution kit by SOPHiA GENETICS
Bioinformatics in Proteogenomics and Immunopeptidomics...;
Pre-/Clinical studies - genetic association analyses
Molecular biology - functional studies (gene cloning, Luciferase assays-promoter studies, genotyping-Real-time PCR, sizing method, DHPLC,..)
Toxicology of chemotherapeutics- DNA damage (Comet assay, mitochondrial DNA), cytotoxicity/cell viability studies
Statistical analyses (SPSS and R) - Risk assessment analysis, Kaplan-Meier statistics in Hematopoietic stem cell transplantation clinical studies, Cox-Regression modelling
Haematology and pediatric oncology
Hematopoietic stem cell transplantation
Troubleshooting of HPLC systems - advanced level
- Advanced level of experience in operating following scientific tools/machines: CRISPR-Cas9 gene cloning, Luciferase assays, EMSA, Sanger sequencing, 7000 ABI Prism, Light Cycler 480II (Real

time PCR), Fluorescent Microscope (structures of organelles in cells), Primus96 (PCR), HPLC systems (Agilent), Transgenomic WAVE DHPLC (DNASep column, genotyping - sizing method, denaturing method), Microarrays (Expression), Agilent 2100 Bioanalyzer, G-BOX (Syngene), Chromatotron, Thin layer and Column Chromatography.

Computer Analyses of data:

Nuclear magnetic resonance (NMR, Bruker Advance DPX spectrometer),

Mass spectrometry (AUTOSPEC Q),

IR spectroscopy (Perkin Elmer 1600 Series FT-IR),

CHN Analyzer Perkin Elmer 240.

Computer skills: R-tools (for Windows, Python, Plink), LIMS, Windows 98 and XP, MS Office (Word, Excel, Power Point, Excel, Outlook), SPSS, CorelDraw, ChemSketch, ISIS/Draw, SNPAlalyze, Nexus, IPA (Ingenuity Pathway Analysis), , David, TMev, Transgenomic Software, LightCycler Software, ABI Software, ACD/IUPAC Name Pro, Empower (HPLC), GraphPad Prism, Kaluza (cell coulter)

Publications

1. Mlakar V, Jurkovic Mlakar S et al. A review of the biological and clinical implications of RAS-MAPK pathway alterations in neuroblastoma *Journal of Experimental & Clinical Cancer Research* 2021
2. Shannon Robin, Jurkovic Mlakar S et al. The catalytic activity of GSTM1 in vitro is independent of MAPK8. *Drug Metabolism Letters*, 2021
3. Ansari M, Jurkovic Mlakar S et al. Genetic susceptibility to acute graft versus host disease in pediatric patients undergoing HSCT. *Bone Marrow Transplantation* 2021
4. Uppugunduri CRS, Jurkovic Mlakar S et al. Association study of candidate DNA-repair gene variants and acute graft versus host disease in pediatric patients receiving allogeneic hematopoietic stem-cell transplantation. *The Pharmacogenomics Journal* 2021
5. Jurkovic Mlakar S et al. GSTM1 and GSTT1 double null genotypes determining cell fate and proliferation as potential risk factors of relapse in children with hematological malignancies after hematopoietic stem cell transplantation. *Journal of Cancer Research and Clinical Oncology* 2021
6. Mlakar V, Huezo-Diaz P, Jurkovic Mlakar S et al. The analysis of GSTA1 promoter genetic and functional diversity of human populations. *Scientific Reports* 2021
7. Yiyi Xu, Jurkovic Mlakar S et al. Associations between serum concentrations of perfluoroalkyl substances and DNA methylation in women exposed through drinking water: A pilot study in Ronneby, Sweden. *Environment International* 2020
8. Yiyi X, Jurkovic Mlakar S et al. Association between serum concentrations of perfluoroalkyl substances (PFAS) and expression of serum microRNAs in a cohort highly exposed to PFAS from drinking water. *Environment International* 2020
9. Ansari M, Petrykey K, Jurkovic Mlakar S, et al. Genetic susceptibility to hepatic sinusoidal obstruction syndrome in pediatric patients undergoing HSCT. *Biology of blood and marrow transplantation: journal of the American Society for Blood and Marrow Transplantation* 26(5), 2019
10. Golay H, Jurkovic Mlakar S. et al. The Biological and Clinical Relevance of G Protein-Coupled Receptors to the Outcomes of Hematopoietic Stem Cell Transplantation: A Systematized Review. *International Journal of Molecular Sciences* 2019
11. Uppugunduri CRS, Rezgui MA, Jurkovic Mlakar S et al. Busulfan/sulfolane metabolic ratio on the third day of conditioning may predict the event-free survival in children receiving busulfan based conditioning prior to hematopoietic stem-cell transplantation. *Archives of Diseases in Childhood, BMJ journals* 2019
12. Mlakar V, Jurkovic Mlakar S, Lesne L, Marino D, Rathi KS, Maris JM, Ansari M, Gumy-Pause F. PRIMA-1MET-induced neuroblastoma cell death is modulated by p53 and mycn through glutathione level. *J Exp Clin Cancer Res*;
13. Mlakar V, Jurkovic Mlakar S, Lopez G, Maris JM, Ansari M, Gumy-Pause F. 11q deletion in neuroblastoma: a review of biological and clinical implications. *Molecular Cancer* 2017;
14. Snoj Tratnik J, Falnoga I, Trdin A, Mazej D, Fajon V, Miklavcic A, Kobal AB, Osredkar J, Sesek Briski A, Krsnik M, Neubauer D, Kodric J, Stropnik S, Gosar D, Lesnik Musek P, Marc J, Jurkovic Mlakar S, et al., Prenatal mercury exposure, neurodevelopment and apolipoprotein E genetic polymorphism. *Environmental Research* 2017;
15. Mlakar V, Jurkovic-Mlakar S, Zupan J, Komadina R, Prezelj J, Marc J. ADRA2A is involved in regulation of bone resorption. *Journal of Molecular and Cellular Medicine* 2015;
16. Jurkovic-Mlakar S , Fic A, Juvan P, Mlakar V, Broberg K, Marc J, Peterlin-Masic L. Differences in

genome-wide gene expression profiling in human osteosarcoma cells exposed to bisphenol A and its analogues bisphenols S and AF. *Toxicology in vitro* 2015.

17. Broberg K1, Ahmed S1, Engstrom K2, Hossain MB1, Jurkovic Mlakar S3, Bottai M4, Grander M1, Raqib R5, Vahter M1. Arsenic exposure in early pregnancy alters genome-wide DNA methylation in cord blood, particularly in boys. *J Dev Orig Health Dis.* 2014 Aug;5(4):288-98. doi: 10.1017/S2040174414000221.
18. Mencej-Bedrac S, Zupan J, Mlakar SJ, Zavrtnik A, Prezelj J, Marc J. Raloxifene pharmacodynamics is influenced by genetic variants in the RANKL/RANK/OPG system and the Wnt signaling pathway. *Drug Metabol Drug Interact* 2014.
19. Mlakar V, Jurkovic-Mlakar S, Ostanek B. Marc J. Preparation of reference material for UGT1A1 (TA)_n polymorphism genotyping. *Clin Chim Acta* 2014;
20. KIPPLER, Maria, ENGSTROM, Karin, JURKOVIC MLAKAR, Simona, BOTTAI, Matteo, AHMED, Sultan, HOSSAIN, Mohammad Bakhtiar, RAQIB, Rubhana, VAHTER, Marie, BROBERG, Karin. Sex-specific effects of early life cadmium exposure on DNA methylation and implications for birth weight. *Epigenetics*, 2013;
21. JURKOVIC MLAKAR, Simona, PREZELJ, Janez, OSREDKAR, Josko, MARC, Janja. BMD values and GSTM3 gene polymorphisms in combination with GSTT1/GSTM1 genes: a genetic association study in Slovenian elderly. *Gerontology (Basel)*, 2012.
22. FALNOGA, Ingrid, ZELENIK, Andreja, SLEJKOVEC, Zdenka, TUSEK-ZNIDARIC, Magda, ZAJC, Irena, JURKOVIC MLAKAR, Simona, MARC, Janja. Arsenic trioxide (ato) influences the gene expression of metallothioneins in human glioblastoma cells. *Biol. trace elem. res.*, 2012.
23. JURKOVIC MLAKAR, Simona, OSREDKAR, Josko, PREZELJ, Janez, MARC, Janja. Opposite effects of GSTM1 - and GSTT1 - gene deletion variants on bone mineral density. *Disease markers*, 2011, vol. 31, no. 5, str. 279-287.
24. ENGSTROM, Karin, VAHTER, Marie, JURKOVIC MLAKAR, Simona, CONCHA, Gabriela, BARBRO, Nermell, RAGIB, Rubhana, CARDOZO, Alejandro, BROBERG, Karin. Polymorphisms in arsenic(+III)methyltransferase (AS3MT) predict gene expression of AS3MT as well as arsenic metabolism. *Environ. health perspect.*, 2011, vol. 119, no. 2, str. 182-188.
25. JURKOVIC MLAKAR, Simona, PREZELJ, Janez, MARC, Janja. Testing GSTP1 genotypes and haplotypes interactions in Slovenian post-/pre-menopausal women: Novel involvement of glutathione S-transferases in bone remodeling process. *Maturitas*. 2011,
26. JURKOVIC MLAKAR, Simona, OSREDKAR, Josko, PREZELJ, Janez, MARC, Janja. Antioxidant enzymes GSR, SOD1, SOD2, and CAT gene variants and bone mineral density values in postmenopausal women: a genetic association analysis. *Menopause (N.Y. N.Y.)*, 2011.
27. JURKOVIC MLAKAR, Simona, OSTANEK, Barbara. Development of a new DHPLC assay for genotyping UGT1A1(TA)_n polymorphism associated with Gilbert's syndrome. *Biochem. med.*, 2011, vol. 21, no. 2, str. 167-173.
28. JURKOVIC MLAKAR, Simona, OSREDKAR, Josko, PREZELJ, Janez, MARC, Janja. The antioxidant enzyme GPX1 gene polymorphisms are associated with low BMD and increased bone turnover markers. *Dis. markers*, 2010, vol. 29, no. 2, str. 71-80.
29. ZUPAN, Janja, MENCEJ BEDRAC, Simona, JURKOVIC MLAKAR, Simona, PREZELJ, Janez, MARC, Janja. Gene-gene interactions in RANK/RANKL/OPG system influence bone mineral density in postmenopausal women. *J Steroid Biochem Mol Biol.* 2010, vol. 118, iss. 1-2, str. 102-106.
30. JURKOVIC MLAKAR, Simona, OSREDKAR, Josko, MARC, Janja. Molecular impact of glutathione peroxidases in antioxidant processes. *Biochem. med.*, 2008, vol. 18, no. 2, str. 162-174.
31. Jurkovic Mlakar S et al. Laboratory services information manual (CSLS), 13th edition, March 2011. [S. l.: s. n.], 2011.

Projects

1. Polymorphisms and Busulfan Pharmacokinetic Study, ClinicalTrials.gov Identifier: NCT01257854;
2. International Randomised Phase III Clinical Trial in Children With Acute Myeloid Leukaemia (Myechild01), ClinicalTrials.gov Identifier: NCT02724163, EudraCT number: 2014-005066-30;
3. ALL SCTped FORUM - Pharmacogenomic Study (add-on Study) ClinicalTrials.gov Identifier: NCT02670564;
4. 6th Frame EU project PHIME (>>Public Health Impact of long-term, low-level Mixed Element Exposure in susceptible population strata<<-) global effects of exposure to heavy metals on development of children.
5. Mimosa project-guiding PhD medical student: The Biological and Clinical Relevance of G Protein-Coupled Receptors to the Outcomes of Hematopoietic Stem Cell Transplantation.

Memberships

Membership:

- ESPT (European Society of Pharmacogenomics and Personalized Therapy)
- SBD (Slovenian Biochemical Society) and SGD (Slovenian Genetic Society) (membership in FEBS)
- ESHG (European Society of Human Genetics)
- ASHG (American Society of Human Genetics)
- SFD (Slovenian Society of Pharmacy)
- EBMT (European Bone Marrow Transplantation)

Scientific awards

February 2022 Received the prize "Prometheus of Science" for the communication in Science by the Slovenian Science Foundation with the basis in Geneva, Switzerland (World federation of Scientists, Geneva);

December 2021 Received the prize from Slovenian president (GOV) "The Golden apple" (RS Slovenia, president of Slovenia Mr. Borut Pahor) for the inspiration in public with the scientific information

November 2018-November 2019 Mimosa project fellowship- supervision of M.Sc Hadrien Golay (1 year)

September 2014 The Prize for the efficiency (Lek Biopharmaceuticals, Novartis; the role in CROs management (protein sequencing, HPLC-quantity and quality, the leader in the production of the reference material for outsourcing.)

September 2010 - September 2011 Received the fellow prize for young scientists (World federation of Scientists, Geneva) <http://www.federationofscientists.org/WfsWorldLab.asp>

September 2009 - January 2010 Ad Futura International Fellowship - 4 months for the research work at Lund University, Sweden

June 2009 European Human Genetics Foundation - full funding of participation in Bologna workshop.

May 2009 European society of human genetics (ESHG) - full funding (prize for abstracts) of participation at Vienna congress

September 1996 - September 2005 Zois Scholarship for talented - 9 years (Secondary School and Undergraduate study)

October 2005 Krka's prize for research work (Graduation Thesis: JURKOVIC MLAKAR, Simona. Synthesis of argynyl-glycyl-aspartic acid tripeptide mimetics. 15. Symposium, 35. Krka prize. Novo mesto: Krka, Pharmaceutical company)

1999 In Slovenian shortlist for the International Chemistry Olympic competition (IChO)

November

1998 Slovenian 1st prize for young researchers, Slovenian competition "Gibanje znanost mladini", full funding for the attendance in the 9th International Competition of YEER, Berlin

Scientific Conferences presentations:

International Conferences:

January 2021 Mlakar V, Jurkovic Mlakar S, Lesne L, Marino D, Boudal Khoshbeen M, Maris JM, Ansari M, Gumy-Pause F. MEK1/2 is a direct target of PRIMA-1MET-induced neuroblastoma cell death, but p53 is not. Advances in neuroblastoma research. January, 2021. Amsterdam, The Netherlands (Internet).

October 2021 Mlakar V, Huezo-Diaz Curtis P, Armengol A, Ythier V, Dupanloup I, Ben Hassine K, Lesne L, Murr R, Jurkovic Mlakar S, Nava T, Ansari M. The distribution of GSTA1 promoter variants and functional diversity of GSTA1 in human populations. 53rd Congress of the International Society of Paediatric Oncology. October, 2021. Honolulu, USA (Virtual meeting).

May 2021 Mlakar V, Huezo-Diaz Curtis P, Armengol A, Ythier V, Dupanloup I, Ben Hassine K, Lesne L, Murr R, Jurkovic Mlakar S, Nava T, Ansari M. The analysis of GSTA1 promoter genetic and functional diversity of human populations. 14eme Journee de la Recherche Clinique. May, 2021. HUG, Geneva, Switzerland.

August-September 2020 Ansari M, Petrikey K, Rezgui MA, Del Vecchio V, Corty J, Ralph RO, Nava T, Beaulieu P, St-Onge P, Jurkovic Mlakar S, Huezo-Diaz Curtis P, Uppugunduri CRS, Lesne L, Theoret Y, Chalandon Y, Bartelink IH, Boelens JJ, Bredium RGM, Dalle JH, Lewis V, Kangarloo BS, Peters C, Sinnet D, Bittencourt H, Krajinovic M. Genetic susceptibility to hepatic sinusoidal

obstruction syndrome in pediatric patients undergoing HSCT. 46th Annual Meeting of the European Society for Blood and Marrow Transplantation (EBMT). August - September 2020. Virtual meeting.

October 2019 Mlakar V, Jurkovic Mlakar S, Lesne L, Marino D, Rathi K, Maris J, Ansari M, Gumy-Pause F. PRIMA-1MET-induced neuroblastoma cell death is modulated by P53 and MYCN through glutathione level. Journee de la recherche du Departement de la Femme, de l'Enfant et de l'Adolescent. Octobre, 2019. HUG, Geneva, Switzerland.

October 2019 Mlakar V, Jurkovic Mlakar S, Lesne L, Marino D, Rathi K, Maris J, Ansari M, Gumy Pause F. PRIMA-1MET-induced neuroblastoma cell death is modulated by P53 and MYCN through glutathione level. 51th Congress of the International Society of Paediatric Oncology. October, 2019. Lyon, France.

November 2019 Mlakar V, Jurkovic Mlakar S, Lesne L, Marino D, Rathi K, Maris J, Ansari M, Gumy Pause F. PRIMA-1MET induced neuroblastoma cell death is modulated by P53 and MYCN through glutathione level. Indo-Swiss Symposium on advances in pharmacogenomic strategies for implementation of personalized medicine. November, 2019. JIPMER, Pondicherry, India.

May 2019 Mlakar V, Jurkovic Mlakar S, Lesne L, Marino D, Rathi K, Maris J, Ansari M, Gumy Pause F. PRIMA-1MET induces apoptotic cell death in neuroblastoma and synergizes with etoposide and cisplatin. 12eme Journee et Prix de la Recherche Clinique. May, 2019. HUG, Geneva, Switzerland.

November 2019 Jurkovic Mlakar S, Uppugunduri RC, Mlakar V, Rezgui A, Bernard F, Lesne L, Marino D, Boudal M, Lo Piccolo R, Chalandon Y, Dupuis LL, Schechter T, Bartelink IH, Boelens JJ, Bredius R, Dalle JH, Peters C, Bader P, Bittencourt H, Krajinovic M, Ansari M. GST-M1 and -T1 null polymorphisms are associated with lower event-free survival and higher rate of relapse in children with malignancies undergoing allogeneic HSCT. Indo-Swiss Symposium on advances in pharmacogenomic strategies for implementation of personalized medicine. November, 2019. JIPMER, Pondicherry, India.

October 2019 Golay H, Jurkovic Mlakar S, Mlakar V, Nava T, Ansari M. The biological and clinical relevance of G protein-coupled receptors to the outcomes of hematopoietic stem cell transplantation: a systematized review of the literature. Journee de la recherche du Departement de la Femme, de l'Enfant et de l'Adolescent. October, 2019. HUG, Geneva, Switzerland.

May 2018 Mlakar V, Jurkovic Mlakar S, Lesne L, Marino D, Rathi KS, Maris JM, Ansari M, Gumy-Pause F. PRIMA-1MET induces apoptotic cell death in neuroblastoma and synergizes with etoposide and cisplatin. 1st Pediatric research day. May, 2018. HUG, Geneva, Switzerland.

May 2018 Mlakar V, Jurkovic Mlakar S, Lesne L, Marino D, Rathi K, Maris J, Ansari M, Gumy-Pause F. The p53 activator PRIMA-1MET induces apoptotic cell death in neuroblastoma and synergizes with etoposide and cisplatin. Advances in neuroblastoma research. May, 2018. San Francisco, USA

September 2018 Jurkovic Mlakar S, Uppugunduri RC, Mlakar V, Rezgui A, Bernard F, Lesne L, Marino D, Boudal M, Lo Piccolo R, Chalandon Y, Dupuis LL, Schechter T, Bartelink IH, Boelens JJ, Bredius R, Dalle JH, Peters C, Bader P, Bittencourt H, Krajinovic M, Ansari M. GST-M1 and -T1 null polymorphisms are associated with lower event-free survival and higher rate of relapse in children with malignancies undergoing allogeneic HSCT. 4th ESPT Summer School. September, 2018. Geneva, Switzerland.

November 2018 Jurkovic Mlakar S, Uppugunduri RC, Mlakar V, Huezo-Diaz Curtis P, Nava T, Lesne L, Marino D, Boudal-Khoshbeen M, Aziz Rezgui M, Bittencourt H, Krajinovic M, Ansari M. GSTM1 deletion variant is involved in busulfan response using human lymphoblastoid cell lines. 50th Congress of The International Society of Paediatric Oncology (SIOP). November, 2018. Kyoto, Japan.

March 2018 Jurkovic Mlakar S, Uppugunduri RC, Mlakar V, Aziz Rezgui M, Bernard F, Lesne L, Marino D, Duval M, Lo Piccolo R, Chalandon Y, Dupuis L, Schechter T, Bartelink I, Boelens JJ, Bredius R, Dalle JH, Peters C, Bader P, Bittencourt H, Krajinovic M, Ansari M. GST-M1 and -T1 null polymorphisms are associated with lower event-free survival and higher rate of relapse in children with malignancies undergoing allogeneic HSCT. 44th Annual EBMT meeting. March, 2018. Lisbon, Portugal.

May 2018 Jurkovic Mlakar S, Uppugunduri CRS, Mlakar V, Rezgui A, Bernard F, Lesne L, Marino D, Boudal M, Lo Piccolo R, Chalandon Y, Dupuis LL, Schechter T, Bartelink IH, Boelens JJ, Bredius R, Dalle JH, Peters C, Bader P, Bittencourt H, Krajinovic M, Ansari M. GST-M1 and -T1 null polymorphisms are associated with lower event-free survival and higher rate of relapse in children with malignancies undergoing allogeneic HSCT. On Behalf of the Pediatric Disease Working Party of the European Society for Blood and Marrow Transplantation. 11eme Journee de la recherche clinique. May, 2018. HUG, Geneva, Switzerland

*October 2017 European Society for Pharmacogenomics and Personalized Therapy: Workshop 4th Conference, Catania (1st author, Oral presentation, international)

January 2012 SNOJ TRATNIK, Janja, MIKLAVCIC VISNJEVEC, Ana, JURKOVIC MLAKAR, Simona, MAZEJ, Darja, KRSNIK, Mladen, OSREDKAR, Josko, BARBONE, Fabio, MARIUZ, Marika, VALENT, Francesca, SOFIANOU, Katia, SPIRIC, Zdravko, MARC, Janja, HORVAT, Milena. Biomarkers of low level mercury exposure : exposure, impact and genetic susceptibility. V: Current topics of mercury impact to human and environment : NIMD forum 2012, 26 January, 2012, Minamata, Japan. Minamata: National Institute for Minamata Disease. 2012, str. 18-19. (2nd author, invited oral presentation, international)

*2012 JURKOVIC MLAKAR, Simona, MARC, Janja. Gene polymorphisms of antioxidant enzymes and osteoporosis. V: SKITEK, Milan (ur.). The role of novel bio-markers in laboratory medicine and clinical practice : 3th seminar : zbornik predavanj. Ljubljana: Društvo za laboratorijsko medicino. 2012, str. 76-82. (1st author, invited oral presentation, international)

September 2011 JURKOVIC MLAKAR, Simona, PREZELJ, Janez, MARC, Janja.

Polyalanine repeats gene polymorphism of GPX1 antioxidant enzyme in postmenopausal osteoporotic women predict alendronate therapy outcome. V: SIEST, Gerard (ur.), PATRINOS, George P. (ur.), MARC, Janja (ur.). Pharmacogenomics : from bench to bedside : book of abstracts. Ljubljana: Slovenian Pharmaceutical Society. 2011, str. 37-38. (1st author, poster presentation)

May 2013 MLAKAR, Vid, ZUPAN, Janja, MARC, Janja, JURKOVIC MLAKAR, Simona. Methylation is not involved in repression of ADRA2A in osteocytes. V: European Calcified Tissue Society Congress 2013, Lisbon, Portugal 18 May 2013 - 21 May 2013, ECTS 2013, 18 - 21 May 2013, Lisbon, Portugal, (Bone abstracts, ISSN 2052-1219, Vol. 1, May 2013). New York: Pergamon Press: Elsevier. 2013, str. PP223. <http://www.boneabstracts.org/ba/0001/AbstractBook.aspx>, doi:10.1530/boneabs.1.PP223.

May 2012 SNOJ TRATNIK, Janja, MIKLAVCIC VISNJEVEC, Ana, JURKOVIC MLAKAR, Simona, MAZEJ, Darja, KRSNIK, Mladen, OSREDKAR, Josko, BARBONE, Fabio, MARIUZ, Marika, VALENT, Francesca, SOFIANOU, Katia, SPIRIC, Zdravko, MARC, Janja, HORVAT, Milena. Mercury exposure in relation in selenium and glutathione S-transferase gene deletion variants in pregnant women from Mediterranean. V: Abstract book, 6th SETAC World Congress/SETAC Europe [and] 22nd Annual Meeting, 20-24 May 2012, Berlin, Germany. Brussels: SETAC. 2012, str. 126.

Other Relevant Information