



Poster section 1 (16.5.2024.)

BM=Biomedicine

| # | Name | Section | Poster title |
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| 1 | Verner Marijančić | BM | Gender differences in spinal curvatures, and endurance and balance of the trunk muscles in college students |
| 2 | Matea Rebrina | BM | Diabetic wound healing using maresin-like lipid mediators |
| 3 | Barbara Franović | BM | Identification of different bacterial species from the dental biofilm on high-density polytetrafluoroethylene membranes |
| 4 | Fran Krstanović | BM | IL-12 – CD4 T cell – IFN γ axis mediates suppression of cytomegalovirus replication and establishment of latency in cortical and hippocampal neurons |
| 5 | Sanja Mikašinović | BM | An IFN γ -dependent immune-endocrine circuit lowers blood glucose to potentiate the innate anti-viral immune response |
| 6 | Vanna Imsirovic | BM | Largely preserved functionality after the combined loss of NKG2D, NCR1 and CD16 demonstrates the remarkable plasticity of NK cell responsiveness. |
| 7 | Karlo Mladenčić | BM | NKG2D-mediated detection of metabolically stressed hepatocytes by innate-like T cells is essential for initiation of NASH and fibrosis |
| 8 | Natalia Jug Vučko | BM | Expression and intracellular localization of Arf guanine nucleotide exchange factors in Balb 3T3 fibroblasts infected with murine cytomegalovirus |
| 9 | Maša Knežević | BM | Establishing a method of lyophilization of fecal filtrates with the aim of improving the fecal biobank |
| 10 | Ina Viduka | BM | Autophagy mediated intracellular trafficking of Francisella tularensis |
| 11 | Ivan Lučić | BM | FOXO1 and Aquaporins in Breast Cancer: Exploring Regulatory Connections |
| 12 | Igor Štimac | BM | Rab10 can be used as a reliable marker for the assembly compartment in fibroblasts infected with murine cytomegalovirus |
| 13 | Barbara Radić | BM | Murine cytomegalovirus affects the activation of WASH1 protein for regulation of endosomal recycling by hiperubiquitination |
| 14 | Ivona Viduka | BM | Modulation of lipid composition of cell membranes during cytomegalovirus infection |
| 15 | Vedrana Drvar | BM | Lipid profile and lipid peroxidation in knee osteoarthritis patients |
| 16 | Magdalena Medved | BM | Modulation of CD8+ t cell response mediated by mouse cytomegalovirus immunoevasins matp1 and m04 /gp34 |

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| 17 | Nika Gržeta Krpan | BM | Effects of single-walled carbon nanotubes on the primary mouse astrocytes exposed to stretch injury |
| 18 | Dubravka Karner | BM | Immunological role of cellular prion protein (PrP) during cytomegaloviral infection |
| 19 | Dijana Majstorović | BM | Correlation of methylation status in the MTHFR promoter region with Congenital Heart Defects in Down syndrome |
| 20 | Mihaela Kordun | BM | Replication of different SARS-CoV-2 variants in cells of innate immune system |
| 21 | Gaia Bruno | BM | The role of myelin in potassium buffering and regulating excitability |
| 22 | Lucia Juhásiková | BM | Effect of epigenetic drugs on pancreatic ductal adenocarcinoma cells |
| 23 | Tina Miloš | BM | Metabolic profiling of Alzheimer's disease: Untargeted metabolomics analysis of plasma samples |
| 24 | Tina Zavidčić | BM | Pulse wave velocity correlates with pain and functional disability in postmenopausal women with knee osteoarthritis |
| 25 | Tea Mladenić | BM | Association between TNF-alpha -308 G/A polymorphism and familial spontaneous preterm birth |
| 26 | Maja Petrović | BM | mir-219 as a potential radiosensitizer in glioblastoma cells |
| 27 | Tamara Gulic | BM | Dynamic polarization of tumour-associated macrophages and NK cells in the triple negative breast cancer |
| 28 | Tomislav Smoljo | BM | The Impact of Stromal Cells on AICAr-Induced Differentiation of AML Cells in Co-culture Experiments |
| 29 | Romana Šmidovičová | BM | Targeted differentiation of stem cells by statins and their potential for regenerative medicine |
| 30 | Katarína Stružová | BM | Impact of Local Anaesthesia On Different Cell Lines Viability in vitro |
| 31 | Đorđe Đukanović | BM | The role of TRPA1 channels in vasodilation caused by carvacrol - design of novel TRPA1 agonists |
| 32 | Silvia Mešinová | BM | Endogenous retroviral elements and their role in the development of preeclampsia |
| 33 | Jelena Materljan | BM | Immunization against SARS-CoV-2 using alternative viral vector vaccines and alternative routes |
| 34 | Ivo Krešić | BM | Evaluation of phenotypic and functional polarization of peripheral blood monocytes |
| 35 | Carmen Rožmanić | BM | Perinatal murine cytomegalovirus infection reshapes the transcriptional profile and functionality of NK cells |
| 36 | Leo Kovač | BM | Role of MDM2 expression and BRAF mutation in advanced melanomas |
| 37 | Adelina Elezi | BM | Hematological profile and effect of supplement during pregnancy |
| 38 | Alen Omerović | BM | Quantitative assessment of subcellular structures provided by digital holotomography |
| 39 | Marina Ugrin | BM | Expression of nephropathic markers dendrin and fibronectin in the kidneys of cage-reared brown trout <i>Salmo trutta</i> L. (Teleostei: Salmonidae) |
| 40 | Barbara Vuić | BM | Potential therapeutic effects of brain-derived neurotrophic factor in cell cultures exposed to oxygen-glucose deprivation/reperfusion |
| 41 | Tanja Šimić Bilandžija | BM | Spatio-temporal expression pattern of Ki-67, pRB, MMP-9 and Bax in Human Secondary Palate Development |
| 42 | Lucija Levstek | BM | Predictive Scores for Adverse Events and Treatment Outcomes in CAR T Cell Therapy in Slovenia |
| 43 | Andreja Zubković | BM | Reduced replication of <i>Francisella tularensis</i> in starved iBMMs as an in vitro model of Atg5 upregulation |

Poster section 2 (17.5.2024.)

CM=Clinical Medicine DM=Dental Medicine PH=Public Health HHE=Health and Environmental Engineering

| # | Name | Section | Poster title |
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| 1 | Josip Hrabar | CM | Advantages of the new generation of leading balloon occlusive catheters compared to leading catheters without balloons and clinical benefits in endovascular procedures of mechanical thrombectomy in acute ischemic stroke |
| 2 | Mateo Tićac | CM | Evaluation of the impact of appropriate empirical antibiotic treatment on mortality in patients with sepsis admitted to the intensive care unit |
| 3 | Ivona Jerković | CM | Clinical and pathological characteristics in high-risk localised prostate cancer patients who underwent radical prostatectomy |
| 4 | Iva Žuža | CM | Pelvic calcification score as a potential predictor of graft and patient survival in kidney transplant recipients |
| 5 | Blagjica Lazarova | CM | Splenic artery aneurysm rupture in pregnancy |
| 6 | Ema Ahel Ledic | CM | Fibrous dysplasia - rare occurrence in the temporal bone |
| 7 | Claudia Feitscherová | CM | Immunohistochemical detection of the immune cells in human epididymis –comparison with human uterine tube |
| 8 | Maja Čusek-Šamec | CM | Helicobacter pylori infection cross section General hospital Varaždin |
| 9 | Igor Rubinić | CM | Antimicrobial Consumption and Carbapenem-Resistant Acinetobacter baumannii: A Retrospective Analysis |
| 10 | Dimitar Galachev | CM | Multidisciplinary approach in diagnosis and treatment of pituitary cystic macroadenoma |
| 11 | Ana Brajdić Šćulac | CM | Effects of 21 day altitude training camp in elite swimmers on lung diffusing capacity for carbon monoxide (DLCO) |
| 12 | Silvija Miletić Gršković | CM | The effect of Klotho protein on vascular calcifications in patients with spondyloarthritis |
| 13 | Tihana Klarica Gembić | CM | Expression of glycoprotein 96 in breast cancer is hormone dependant |
| 14 | Antun Lončarić | CM | GLA-rich protein as a marker of vascular calcification in chronic kidney disease |
| 15 | Alexander Jerman | CM | Clinical and biochemical associations of latent infection with cytomegalovirus in patients with stage 5 chronic kidney disease |
| 16 | Ella Sever | CM | Correlation between oral mucosal diseases and systemic diseases in institutionalized and non-institutionalized elderly |
| 17 | Lidija Petrovska | CM | Diagnostic discrepancy between dermoscopic and histopathological findings in non-melanoma skin cancer, correlation with serum lipids |
| 18 | Vedran Dovčer | CM | Selenium nanoparticles as efficient drug delivery system for levodopa in the treatment Parkinson's disease |
| 19 | Albin Beadini | CM | The influence of biochemical parameters and urinary status on urogenital diseases |
| 20 | Marta Treneva Nicevska | CM | The impact of probiotics on postoperative course in colon cancer patients |
| 21 | Ella Sever | DM | Correlation between oral mucosal diseases and systemic diseases in institutionalized and non-institutionalized elderly |

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| 22 | Matea Badnjević | DM | The effectiveness of chlorhexidine in control of adhesion of oral bacteria to polymeric materials and alloys for oral cavity |
| 23 | Ana Domitrović | DM | Comparative analysis of mechanical properties of metals for removable dentures bases |
| 24 | Aleksandar Pupovac | DM | Impact of Periodontal Diseases on Oral Health-Related Quality of Life – a study in Croatian |
| 25 | Ana-Marija Laškarin | DM | Symptomatic and asymptomatic internal derangements of temporomandibular joints denote activity of spondyloarthritis |
| 26 | David Zahirović | PH | Managing urinary incontinence in obese patients |
| 27 | Martina Fišić Jurković | PH | Why we must listen to our patients? |
| 28 | Ema Dejhalla | PH | Anxiety and obesity - what is the cause and what is the consequence? |
| 29 | Ivana Todorović | PH | Prevalence of Cigarette Smoking and Influence of Associated Factors among Students of the University of Banja Luka: A Cross-Sectional Study |
| 30 | Mariska Slekovec | PH | Impact of culture on perceptions of mental disorders, and characteristics of interventions to reduce mental health stigma among ethnocultural minority groups in high income countries: A systematic literature review |
| 31 | Elena Krstevska-Kelepurovska | PH | Correlation of Single and Multiple-type HPV infections and Age in Women with Cervical Cancer and Precancerous Lesions in the Republic of North Macedonia |
| 32 | Natividad Olivar | PH | Association between substance use with depression and anxiety in adolescents and young adults from deprived neighbourhoods in Bogotá, Buenos Aires and Lima: a cross-sectional study |
| 33 | Luis Ignacio Brusco | PH | Risk and protective factors for depression and anxiety among young people from deprived urban neighbourhoods in South America: a case-control study in Bogotá, Buenos Aires and Lima. |
| 34 | Anđela Bojanić | PH | Observational analysis of outpatient consumption of oral antihyperglycemic agents during the period from 2020 to 2022 |
| 35 | Martina Trnčević | PH | The role of empathy in health care improvement |
| 36 | Ana Petrović | PH | Content overlap between the doctoral dissertation written in English and the candidates articles published in international journals: A case study with review of national and international regulations |
| 37 | Vladimir Nikolić | PH | Evaluation of the success of PhD candidates at the Faculty of Medicine, University of Belgrade |
| 38 | Marin Bajek | PH | Non-Polio Enteroviruses Characteristics in Croatia 2010-2019 |
| 39 | Tarik Hasibović | HEE | Influence of psychoactive substances (pas) on the behavior of mentally ill persons-pilot study |
| 40 | Anđela Dragičević | HEE | Phenolic constituents, antioxidant and anti-inflammatory properties of black goji berry ethanol extracts |
| 41 | Darja Puškadija | HEE | The role of the geographic information system in the public health sector |

