

Program of Semmelweis International Students' Conference, 2021/ Contents

| 12TH FEBRUARY 2021 - FRIDAY | | |
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| 8:00-9:00 | OPENING CEREMONY | |
| | Opening speech of <i>Dr. Szijártó Attila</i> , president of Student's Sceintific Association | |
| | Lectures of international guests | |
| BASIC SCIENCES A, 9:00–11:45 | | |
| 9:00-9:15 | Eszter Virág-Tulassay - Semmelweis University, Olívia Bottlik - Semmelweis University | Detailed characterization of atrial remodeling induced by exercise training in a rodent model of athlete's heart |
| 9:15-9:30 | Yunjoo Casey Lee - Semmelweis University | Effect of lysophosphatidylcholine on osteoclast development |
| 9:30-9:45 | Anton Maiorov - Zaporizhzhia State Medical University | Inducible nitric oxide synthase in rats` supraoptic nucleus of the hypothalamus: normal expression and in the arterial hypertension |
| 9:45-10:00 | Mikhail Malanichev - S.I. Georgievsky Medical Academy of the Crimean Federal University named after V.I. Vernadsky, David Pogosyan - S.I. Georgievsky Medical Academy of the Crimean Federal University named after V.I. Vernadsky | Modeling experimental sepsis by cecal ligation and puncture |
| 10:00-10:15 | Pavel Andreev - Voronezh N.N. Burdenko State Medical University | Molecular evolution of rabies virus binding site in $\alpha 1$ -subunit of nicotinic acetylcholine receptors |
| 10:15-10:30 | Break | |
| 10:30–10:45 | Alexander Tcurkan - Voronezh State Medical University named after N. N. Burdenko | Periodization and mathematical analysis of the history of Voronezh State Medical University named after N. N. Burdenko |
| 10:45–11:00 | Sepideh Aminmansour - Semmelweis University | Photonic characterization of glycated collagen in human teeth |
| 11:00–11:15 | Sefik Dogu Erk - ELTE | Possible therapeutic effects of activators of non-genomic estrogen-like signaling in the 3xTg Mouse Model of Alzheimer's Disease |
| 11:15–11:30 | Valeriya Sergeeva - RUDN | Presence of pathospermia as a result of a polymorphism G-105A of the gene SEPS1 |
| 11:30–11:45 | Sahar Aminmansour - Semmelweis University | Topographical structure and nanomechanical behavior of glycated dental collagen |
| BASIC SCIENCES B, 9:00–11:45 | | |
| 9:00-9:15 | L V Simhachalam - Kutikuppala Konaseema Institute of Medical Sciences and Research Foundation (KIMS&RF) | A Cross-sectional Comparative study of attitude and manner of medical, dental, and paramedical students towards cadaveric dissection, in relation to psychological stress |
| 9:15-9:30 | Vladimir Shchekin - I.M Sechenov First Moscow State Medical University (Sechenov university), Ekizaveta Kaprina - I.M Sechenov First Moscow State Medical University (Sechenov university) | Morphological changes of spermatogenesis in rats after experimental localized electron irradiation |
| 9:30-9:45 | Nomi Vaysenberg - Semmelweis University | Androgen receptor expression in primary breast carcinomas and distant metastases |
| 9:45-10:00 | Valeriia Borodina Voronezh State Medical University named after N.N. Burdenko, Milana Ozdieva - Voronezh State Medical University named after N.N. Burdenko | Comparative analysis of drugs from the group of neuraminidase inhibitors |

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| 10:00-10:15 | David Hummel - Eötvös Loránd University | Creating 3D polysuccinimide fibrous meshes via electrospinning in the presence of inorganic salts |
| 10:15-10:30 | BREAK | |
| 10:30-10:45 | Olivér Závoti - Semmelweis University | Electrospun poly(vinyl-alcohol) scaffolds for tissue engineering |
| 10:45-11:00 | Enar Dzhumanizyazova - Peoples' Friendship University of Russia | Forensic support for organ donation |
| 11:00-11:15 | Max Delank - Semmelweis University, Izsá Gergely Tamas - Semmelweis University | Relevance of endothelial and neuronal NOS in the recovery of the cerebrocortical blood flow after unilateral carotid artery occlusion in mice |
| 11:15-11:30 | Karina Basnakian - RUDN, Maria Drobysheva - RUDN | Research of peripheral blood lymphotocus in conditionally healthy children under conditions of resort factors |
| 11:30-11:45 | Guillaume Peter Walford - Semmelweis University, Dorina Nagy - Semmelweis University | Vitamin D and gender-related impairments in the adaptation of the cerebrocortical microcirculation to unilateral carotid artery occlusion |
| CLINICAL SCIENCES A, 9:00–12:00 | | |
| 9:00-9:15 | Irem Aktar - Istanbul University Istanbul Faculty of Medicine | Association of Microhematuria with Outcomes in Adult Patients with IgA Nephropathy |
| 9:15-9:30 | Paz Kelmer - Semmelweis University | Decreased density of calretinin-immunopositive neurons in the putamen in patients with schizophrenia |
| 9:30-9:45 | Elena Cherkashina - Voronezh State Medical University named after N.N. Burdenko, Tatyana Berezhnova - Voronezh State Medical University named after N.N. Burdenko | Development of a computer module for conducting pharmacoeconomic analysis in patients with small cell lung cancer |
| 9:45-10:00 | Kateryna Runcheva - Zaporizhzhia State Medical University | Dynamics of recovery processes in patients with facial palsy depending on the date of onset of rehabilitation |
| 10:00-10:15 | Agnieszka Bugaj - Poznań University | Endoscopy versus open procedure in laryngotracheal stenosis (LTS) treatment |
| 10:15-10:30 | BREAK | |
| 10:30-10:45 | L V Simhachalam - Kutikuppala Konaseema Institute of Medical Sciences and Research Foundation (KIMS&RF) | Knowledge Attitude and Practices towards COVID-19 Pandemic among Indian General Population: A Cross-sectional survey |
| 10:45-11:00 | Vladimir Shchekin - I.M. Sechenov First Moscow State Medical University (Sechenov University) Medicine III., Dmitry Boldyrev - I.M. Sechenov First Moscow State Medical University (Sechenov University) | Molecular genetic changes in the testis of covid-19 patients |
| 11:00-11:15 | Nadezhda Druzhinina - PFUF | Evaluation of treatment of benign prostatic hyperplasia by prostatic artery Immobilization in patients with large prostate volume |
| 11:15-11:30 | Mehdi Boostani - Semmelweis University | Multiparametric MR imaging of diffuse liver diseases |
| 11:30-11:45 | Kolb Margarita - Grodno State Medical University, Moroz Roman - Grodno State Medical University Medicine | Prospects of application of low-intensity laser radiation to stimulate the processes of splenic autotransplant regeneration |
| 11:45-12:00 | Anton Petrov Rudn University | Treatment of patients with giant incisional hernias. Modern tendencies |
| CLINICAL SCIENCES B, 9:00–12:00 | | |
| 9:00-9:15 | Róbert Stollmayer - Semmelweis University | AI-based classification of focal liver lesions using hepatocyte-specific contrast-enhanced multi-sequence MRI scans. |
| 9:15-9:30 | Artemy Mingazov - Sechenov University, Vladislav Yakimenko - The National Medical Research Center for Endocrinology | Analysis of isu patients with covid19 |
| 9:30-9:45 | Nikita Hripushin - Voronezh State Medical University named after N.N.Burdenko | Bone mineral density testing in patients with chronic osteomyelitis. |
| 9:45-10:00 | Smolina Svetlana - Peoples' Friendship University of Russia | Clinical activity of Afatinib in a patient with double uncommon EGFR mutations. Clinical case. |

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| 10:00-10:15 | Nataliya Kolganova - RUDN University | Clinical and laboratory characteristics of patients with multisystem inflammatory syndrome in children (mis-c) temporally associated with severe acute respiratory syndrome coronavirus 2 (sars-cov-2) |
| 10:15-10:30 | BREAK | |
| 10:30-10:45 | Sara El Kandoussi - ZSMU | Clinical characteristics of shingles in adults |
| 10:45-11:00 | Daria Stempitskaya, Irina Poproshalova - Northern State Medical University | Dental Health In Oil And Gas Workers Of The North-west Russia |
| 11:00-11:15 | Emese Zsarnóczy - Semmelweis University | Predictors of silent ischaemic brain lesions following Transcatheter Aortic Valve Implantation |
| 11:15-11:30 | Sofiia Chorna Zaporizhzhia - State Medical University | Retrospective analysis of the causes of early neonatal infection and the impact of neonatal disease and prevention strategy |
| 11:30-11:45 | Diana Prikule - A.I. Evdokimov Moscow State University of Medicine and Dentistry | Substantiation of Raman-fluorescence diagnostics in determining the level of mineralization of tooth enamel |
| 11:45-12:00 | L V Simhachalam - Kutikuppala Konaseema Institute of Medical Sciences and Research Foundation (KIMS&RF) | A Cross sectional study on Preponderance of Stress and Depression among medical students and their association with various recent factors |
| CLINICAL SCIENCES C, 9:00-12:00 | | |
| 9:00-9:15 | Julia Khodarina Voronezh N.N. Burdenko State Medical University | Analysis of assessment scales and laboratory data for diabetic polyneuropathy |
| 9:15-9:30 | Thomas Hausmann - Medical University of Vienna, Umut Yücel - Bahcesehir University | Austria and its Vaccination Paradox: An Example of How Ineffective Population - Wide Vaccination Recommendations Fail to Address Vaccine Uptake in the EU/EAA |
| 9:30-9:45 | Viktoria Hahn - Semmelweis University, Istvan Viktor Szabo - Semmelweis University | Effect of routine preoperative screening for aortic calcifications using computed tomography on stroke rate in cardiac surgery |
| 9:45-10:00 | Mykhaylo Podluzhny - Zaporizhzhia State Medical University | Features of the inflammatory response in STEMI during the COVID 19 pandemic |
| 10:00-10:15 | Anna Khoroshikh - Voronezh State Medical University named after N.N. Burdenko | Indicators of Lipid Metabolism in Patients of the Southern and Central Federal Districts of Russia and Their Role in Predicting Liver Damage |
| 10:15-10:30 | BREAK | |
| 10:30-10:45 | Ju Ea Kim - Semmelweis University | In situ detected clarithromycin-heteroresistant H. pylori infection – Quantitative morphometry and therapeutic relevance |
| 10:45-11:00 | Patrick Buliński - Poznan University of Medical Sciences | Management Of Reinke's Edema: Efficacy Of Microlaryngoscopic Surgery – A Retrospective Analysis |
| 11:00-11:15 | Kirill Elskas - Sechenov University, Vladimir Shchekin - Sechenov University | Morphological changes of renal function in rats after experimental localized electron irradiation |
| 11:15-11:30 | Rebeka Hakobova - RUDN | Specificity of the hormonal profile in infertile males |
| 11:30-11:45 | Shekhar Suman - Crimea Federal Medical University | The frequency of prevalence of risk factors for diseases of the gaster at 1st year students |
| 11:45-12:00 | Annabel Kossev - Semmelweis University | The role of the rare variants in the GBA gene in Parkinson's Disease in a Hungarian cohort |
| CLINICAL SCIENCES D, 9:00-12:00 | | |
| 9:00-9:15 | Yuliya Glavatskih - VSMU named after N.N. Burdenko of the ministry of health of the Russian Federation | Assessment of the functional status and cytokine profile of patients with chronic heart failure and chronic obstructive pulmonary disease |
| 9:15-9:30 | Djamilya Aravitskaya - Zaporizhzhia State Medical University | Changes of the excitability parameters of the premotor cortex in patients with Parkinson's disease stage II after a course of therapeutic transcranial magnetic stimulation |
| 9:30-9:45 | David Strelnikov - Semmelweis University, Amirreza Alijanpourotagsara - Semmelweis University | Genetic and Environmental Effects on Circle of Willis Morphology |
| 9:45-10:00 | Amirreza Alijanpourotagsara - Semmelweis University, David Strelnikov - Semmelweis University | Heritability of MRI white matter hyperintensities in twins |
| 10:00-10:15 | Diana Pevzner - Medical Academy named after S.I. Georgievsky of Vernadsky CFU | Level of anxiety in patients with atrial fibrillation |

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| 10:15-10:30 | BREAK | |
| 10:30-10:45 | Alexander Kudelin - Voronezh State Medical University named after N.N. Burdenko | Mast cells in colorectal cancer: potential prognostic marker? |
| 10:45-11:00 | Ilya Zorin - Sechenov First Moscow State Medical University, Konstantin Gorokhov - National Medical Research Radiological Centre of the Ministry of Health of the Russian Federation | Molecular genetic changes in appendix of the children with covid-19 |
| 11:00-11:15 | Elizaveta Guseva - Peoples' Friendship University of Russia (RUDN University), Svetlana Smolina - Peoples' Friendship University of Russia (RUDN University) | Prevalence of acute kidney injury according to the hospital register |
| 11:15-11:30 | Serhii Svystun - University Clinic Zaporizhzhia State Medical University, Oleksii Tsys - University Clinic Zaporizhzhia State Medical University | Rational pharmacotherapeutical approach in patients with irritable bowel syndrome with diarrhea |
| 11:30-11:45 | Eszter Zsáry Semmelweis University | SGLT-2 inhibitor therapy protects against myocardial ischemia-reperfusion injury in a rat model |
| 11:45-12:00 | Mateusz Pochylski - Poznan University of Medical Science, Marta Łukomska - Poznan University of Medical Science | Treatment outcomes and prognostic factors of head and neck sarcomas |
| 14:00-15:00 CLOSING CEREMONY | | |