

07 July 2021

07:30-09:00 Registration and Poster Mounting **Aula**

09:00-09:20 Welcome Address **Szent-Györgyi Albert Lecture Hall**

Dr. Peter Ferdinandy, Vice-rector for science and innovation, Semmelweis University:

Welcome Address

09:30-10:45 Molecular Sciences I. Lectures **Szent-Györgyi Albert Lecture Hall**

09:30-09:45 Zsófia Gál, Semmelweis University - Department of Genetics, Cell- and Immunobiology

Investigation of the protein composition of extracellular vesicles in asthma and COPD

09:45-10:00 Kata Szilveszter, Department of Physiology, Semmelweis University, Budapest, Hungary

Characterizing the Role of PLC γ 2 in Autoantibody-induced Skin Blistering

10:00-10:15 Borbála Kovács, Semmelweis University

Modular Reorganization of Signaling Networks during the Development of Cancer

10:15-10:30 Dóra Bencze, Department of Immunology, Faculty of Medicine, University of Debrecen

The Type I Interferon-dependent Regulation of the NLRP3 Pathway in Human Plasmacytoid Dendritic Cells

10:30-10:45 Beatrix Ágics, Department of Immunology, Faculty of Medicine, University of Debrecen

Effects of phytochemicals on human dendritic cell functions

10:45-11:00 Molecular Sciences I. Posters **Szent-Györgyi Albert Lecture Hall**

10:45-10:48 Viktória Szeifert, Department of Physiology, Semmelweis University

Role of Mac-1 receptor clustering in the formation of neutrophil granulocyte derived antibacterial and pro-inflammatory extracellular vesicles

10:48-10:51 Anna Kulin, Research Centre for Natural Sciences

Association between the expression level of GLUT1 transporter and its polymorphisms – potential relevance in metabolic diseases

10:51-10:54 Panna Királyhidi, Department of Genetics, Cell- and Immunobiology, Semmelweis University

SLAP deficiency prevent collagen induced arthritis

10:54-10:57 Dániel Kucsera, Department of Pharmacology and Pharmacotherapy

Characterization of the CDAA-induced non-alcoholic steatohepatitis model: sex-specific differences in inflammation, fibrosis, and cholesterol metabolism in middle-aged mice

10:57-11:00 Marton Simon, Department of Biochemistry

Understanding the Mechanism of CFTR Ion Channel Bursting and of CF Caused by Mutation R117H

09:30-10:30 Theoretical and Translational Medicine I. Lectures **Hevesy György Lecture Hall**

09:30-09:45 Bálint András Barta, Heart and Vascular Center of Semmelweis University

Cardiac Functional and Proteomic Study of Myocardial Ischemia in a Rat Model

09:45-10:00 Noémi Daradics, 1st Department of Surgery and Interventional Gastroenterology, Semmelweis University

The Role of Bile Acids in Accelerated Liver Regeneration after ALPPS Operation in a Rodent Model

10:00-10:15 Panna Hegedüs, Institute of Experimental Medicine, ELKH

Anatomical dissection of the connectivity between the ventral tegmental area and basal forebrain nuclei in mice

10:15-10:30 Barbara Baráth, Department of Operative Techniques and Surgical Research, Faculty of Medicine, University of Debrecen

Examination of The Effect of Polycystic Ovary Syndrome on Hemorheological Parameters in a Rat Model

10:30-11:00 Theoretical and Translational Medicine I. Posters Hevesy György Lecture Hall

10:30-10:33 Helga Balla, Institute of Translational Medicine, Semmelweis University

Isoprostanes as possible therapeutic targets in detrusor hyperactivity related to oxidative stress

10:33–10:36 Zsófia Ónodi, Department of Pharmacology and Pharmacotherapy, Semmelweis University
Transcriptomic analysis and comparative characterization of rat H9C2, human AC16 and murine HL-1 cardiac cell lines

10:36–10:39 Dina Wafa, Institute of Translational Medicine, Semmelweis University, Budapest, Hungary
S1P Signaling and Coronary Flow

10:39–10:42 Márk Kántor, Institute of Translational Medicine, Semmelweis University
Animal models of preeclampsia for investigating cerebrovascular autoregulation – advantages and limitations

10:42–10:45 Csaba András Schvarcz, Institute of Translational Medicine, Semmelweis University
Modulated Electro-Hyperthermia Induces a Prominent Local Stress Response and Growth Inhibition in Triple Negative Mouse Breast Cancer

10:45–10:48 Csaba Eke, Semmelweis Egyetem, Aneszteziológiai és Intenzív Terápiás Klinika
The association between preoperative hepatic venous flow and the outcome after cardiac surgery

10:48-10:51 Bálint Bányai, Semmelweis University Department of Physiology
Gender specific alterations of carotid artery vascular reactivity in Vitamin D – a rat model

10:51-10:54 Alex Ali Sayour, Heart and Vascular Center
Effect of cardiac resynchronization therapy on left ventricular gene expression profile

10:54-10:57 Áron Bartha, Department of Bioinformatics, 2nd Department of Pediatrics, Semmelweis University, Budapest, Hungary
Transcriptome and proteome-based study of malignant and healthy kidney tissues

10:57-11:00 Mihály Ruppert, Heart and Vascular Center, Semmelweis University
Myocardial work index: a marker of left ventricular contractility in pressure- or volume overload-induced heart failure

09:30-10:30 Clinical Medicine I. Lectures Békésy György Lecture Hall

09:30-09:45 Zsolt Piróth, Gottsegen National Cardiovascular Institute
The Correlation and Relative Prognostic Value of FFR and Pd/Pa of Non-Culprit Lesions in STEMI

09:45-10:00 Alexandra Fábíán, Semmelweis University, Doctoral School of Theoretical and Translational Medicine
Differences in mitral and tricuspid annular geometry in elite athletes with versus without functional mitral regurgitation: a 3D echocardiographic study

- 10:00-10:15 Luca Kuthi, Semmelweis University Heart and Vascular Center
What do we know about ARNI based on clinical experience?- Use of ENTRESTO in everyday clinical practice
- 10:15-10:30 Márton Tokodi, Heart and Vascular Center, Semmelweis University
Novel Insights into the Athlete's Heart: Is Myocardial Work the New Champion of Systolic Function?
- 10:30–11:03 Clinical Medicine I. Posters Békésy György Lecture Hall**
- 10:30-10:33 Ákos Bérczi, The Heart and Vascular Center of Semmelweis University
Vascular procedures during the COVID-19 pandemic in a high volume Eastern European interventional radiology department
- 10:33–10:36 Emese Bogdola, Semmelweis University Heart and Vascular Center
The iron and vitamin-D metabolism correlation with athletic performance
- 10:36–10:39 Nóra Sydó, Semmelweis University Heart and Vascular Center, Department of Sports Medicine
The effect of COVID-19 on the Olympic preparation of National Swim Team Hungary
- 10:39–10:42 Anna Réka Kiss, Heart and Vascular Center of Semmelweis University
Age- and Sex-specific Reference Values of Right Ventricular Compacted and Trabeculated Myocardium by Cardiac Magnetic Resonance
- 10:42–10:45 Walter Richard Schwertner, Heart and Vascular Center
Pacemaker Upgrade to Cardiac Resynchronization Therapy-Defibrillator or Cardiac Resynchronization Therapy-Pacemaker Without Prior Ventricular Arrhythmias: a Long-term Single-centre Retrospective Analysis
- 10:45–10:48 Borbála Vattay, Heart and Vascular Center Semmelweis University
The Impact of Left Atrial Strain Parameters on Systolic and Diastolic Improvement Following Transcatheter Aortic Valve Implantation
- 10:48-10:51 Melinda Boussoussou, Semmelweis University Heart and Vascular Center, Cardiovascular Imaging Research Group
The Role Of Left Atrial Wall Thickness And Pulmonary Vein Anatomy In Success Of Pulmonary Vein Isolation Using The Close Protocol
- 10:51-10:54 Krisztina Tóth, Heart and Vascular Center Semmelweis University
A T3-szintek Összefüggésbe Hozható az Elektív Szívűtési Betegek Hosszabb Lélegeztetésével
- 10:54-10:57 Péter Márton Kulyassa, Semmelweis University, Heart and Vascular Center, Budapest, Hungary
Predictors of mortality following extracorporeal membrane oxygenation support in an unselected, critically ill patient population
- 10:57-11:00 Máté Babity, Heart and Vascular Center, Semmelweis University
Resting cardiac marker levels and sports adaptation
- 11:00-11:03 Boglárka Veres, Heart and Vascular Center Semmelweis University
Long-term mortality benefit of adding an ICD to CRT in non-ischemic patients
- 09:30-10:15 Mental Health Sciences I. Lectures Beznák Aladár Lecture Hall**
- 09:30-09:45 Dániel Baksa, Department of Pharmacodynamics, Semmelweis University
A Genetic Study of Migraine and Comorbid Depression

- 09:45-10:00 Vajna Gergely Tóth, Semmelweis University, Institute of Behavioural Sciences
Depression among predictors of intermittent claudication
- 10:00–10:15 Bálint Hajduska-Dér, Semmelweis Egyetem Pszichiátriai és Pszichoterápiás Klinika
Examination of Acoustic Features in Depression, Developing an Automatic Decision System for Discriminating Speech Pathology
- 10:15-10:48 Mental Health Sciences I. Posters Beznák Aladár Lecture Hall**
- 10:15–10:18 Nóra Eszlári, Department of Pharmacodynamics
Circadian Clock Gene ARNTL Affects Depression Directly and Also Via Perseverative Negative Thinking
- 10:18-10:21 Kinga Gecse, Department of Pharmacodynamics, Faculty of Pharmacy, Semmelweis University
Tryptophan modulates periaqueductal gray matter networks and emotional symptoms in migraine
- 10:21-10:24 Melinda Becske, Semmelweis University, Department of Psychiatry and Psychotherapy
Distractor Filtering and Its Electrophysiological Correlates in Schizophrenia
- 10:24-10:27 Dóra Leszkó, Semmelweis University- Doctoral School of Mental Health Sciences / Military Hospital- State Health Center and the Hungarian Defence Forces- PIC
Mapping the life quality of teenagers living with cerebral palsy from a different socio-cultural background
- 10:27-10:30 Réka Némethné Schutzmann, Semmelweis University
Professional confidential network profiles of social care institution leaders in Hungary
- 10:30-10:33 Csongor Tordai, Semmelweis University Psychiatry and Psychotherapy Clinic
In vitro modeling of schizophrenia by induced pluripotent stem cell-based technique: role of de novo mutations in functional assays
- 10:33-10:36 Alexandra Rádosi, Research Centre for Natural Sciences / Természettudományi Kutatóközpont
Examining the Relations between Fight-Flight-Freeze System Sensitivity, Emotion Dysregulation, and Substance Use in Adolescents
- 10:36-10:39 Ferenc Ádám Szabó, Department of Psychiatry and Psychotherapy, Semmelweis University, Budapest, Hungary
A pilot evaluation of judges' preferences with respect to forensic psychiatry expertise in Hungary
- 10:39-10:42 Kinga Dupont, Semmelweis University Mental Health Sciences Doctoral School
Factor Structure, Psychometric Properties and Validation of the Hungarian Version of the Experiences in Close Relationships Revised (ECR-R-HU) Questionnaire in a Nationally Representative Community Sample
- 10:42-10:45 Cinderella Komolafe, Semmelweis University Institute of Mental Health
Roma – non-Roma interethnic romantic relationships in Hungary
- 10:45-10:48 Márton Járay, SE-MHI
Social support and loneliness among Hungarian Lutheran clergy
- 09:30-10:30 Pharmaceutical Sciences I. Lectures Hári Pál Lecture Hall**
- 09:30-09:45 Eszter Kalydi, Department of Pharmacognosy, Semmelweis University, Budapest
Synthesis and Characterization of New Sugammadex-analogue Cyclodextrins

- 09:45-10:00 Dávid Virág, Department of Pharmaceutics, Semmelweis University
Investigating the structural alterations of Human Serum Alpha-1-acid Glycoprotein as a Potential Biomarker of Malignant Melanoma
- 10:00-10:15 Bálint Budavári, Department of Biophysics and Radiation Biology, Semmelweis University, Budapest
Preparation and investigation of liposomal corticosteroids
- 10:15-10:30 Zsófia Garádi, Department of Pharmacognosy, Semmelweis University
NMR-based Structural Identification of the Bioactive Metabolites Found in Two Hungarian Poroid Fungi
- 10:30-11:00 Pharmaceutical Sciences I. Posters Hári Pál Lecture Hall**
- 10:30-10:33 Virág Vass, Department of Pharmacology, Faculty of Pharmacy, University of Debrecen
Investigating Hydrogen-Sulfide (H₂S) Delivery Capacity and Cardioprotective Effects of a H₂S Releasing Ibuprofen Derivative
- 10:33-10:36 Dóra Farkas, Department of Pharmaceutics, Semmelweis University
The Significance of Image Analysis in the Pharmaceutical Industry
- 10:36-10:39 Dániel Tóth, Department of Biophysics and Radiation Biology
Insights into the substrate binding mechanism of SULT1A1 through Molecular Dynamics with excited Normal Modes simulations
- 10:39-10:42 Péter Lakatos, Department of Pharmacodynamics, Semmelweis University
The Effects of Tolperisone on Neuronal Glutamate Release
- 10:42-10:45 Angela Takacs, Department of Genetics, Cell and Immunobiology
Synergy of Bortezomib and TIC10 in melanoma in vitro
- 10:45-10:48 Alexandra Simon, Department of Pharmacognosy, Semmelweis University, Budapest, Hungary
Blood-brain barrier permeability study of Mitragyna speciosa alkaloids
- 10:48-10:51 Noémi Papp, Department of Pharmacodynamics
Undisturbed Sleep-Wake Architecture Following Tolperisone Treatment
- 10:51-10:54 Szabolcs Koncz, Department of Pharmacodynamics
Tramadol Shows Beneficial Quantitative EEG Effects During Non-REM Sleep Compared to Pregabalin and Tolperisone
- 10:54-10:57 Orsolya Geda, Department of Pharmacodynamics, Semmelweis University
Validated Method for the Separation and Quantitative Determination of Gangliosides by Capillary Electrophoresis
- 10:57-11:00 Adrienn Kazsoki, University Pharmacy Department of Pharmacy Administration
Formulation Of Nanofibrous Patches For The Treatment Of Herpes Labialis
- 11:00-11:50 Coffee Break and Poster Viewing Aula**
- 11:50-12:50 Molecular Sciences II. Lectures Szent-Györgyi Albert Lecture Hall**
- 11:50-12:05 András Áron Soós, Semmelweis University Department of Genetics, Cell- and Immunobiology
Regulating extracellular vesicle release from pancreatic ductal adenocarcinoma
- 12:05-12:20 Anita Csizmarik, Semmelweis University Department of Urology
Identification of the mechanisms and predictive biomarkers in abiraterone resistance of prostate

cancer

- 12:20-12:35 Bence Ágg, Department of Pharmacology and Pharmacotherapy, Semmelweis University
Improving the Quality and the Time Complexity of Network Visualization by Hierarchical Relative Entropy Optimization
- 12:35-12:50 Áron Pánczél, Semmelweis University, Faculty of Medicine, Department of Physiology
Monitoring Osteoclast Development with a Fluorescence-based Method
- 12:50-13:14 Molecular Sciences II. Posters Szent-Györgyi Albert Lecture Hall**
- 12:50-12:53 Dániel Szőke, Lymphatic Physiology Research Group, Department of Physiology, Semmelweis University
Nucleoside-modified VEGFC mRNA induces organ-specific lymphatic growth and reverses experimental lymphedema
- 12:53-12:56 Enikő Major, Institute of Translational Medicine, Semmelweis University
The effect of modulated electro-hyperthermia on endothelial cells
- 12:56-12:59 Eva Kemecei, Department of Physiology
Characterizing the role of lymphatics in autoimmune arthritis
- 12:59-13:02 Áron Gellért Altorjay, Semmelweis Egyetem Biofizikai és Suágrbiológiai Intézet
Development of a two-dimensional array for exploring the biophysics of protein binding to actin
- 13:02-13:05 Simon Sugár, Eötvös Loránd Research Network, Research Centre for Natural Sciences, MS Proteomics Research Group
The Importance of Data Analysis in Glycoproteomics
- 13:05-13:08 Sara Nazarian, Department of Medical Biochemistry, Semmelweis University, Budapest, Hungary
MDH2 reducing oxaloacetate to malate provides NAD⁺ to KGDHC during respiratory arrest supporting glutaminolysis and mitochondrial substrate-level phosphorylation
- 13:08-13:11 Zsófia Búr, Semmelweis University, Department of Physiology
Effect of time restricted feeding on autoinflammatory arthritis
- 13:11-13:14 Veronika Zámbo, Semmelweis University, Department of Molecular Biology, Budapest, Hungary
Investigation of the regulation and the gene expression pattern of stearyl-CoA desaturase 5 (SCD5)
- 11:50–13:05 Theoretical and Translational Medicine II. Lectures Hevesy György Lecture Hall**
- 11:50-12:05 Nóra Melinda Kerkovits, Institute of Translational Medicine, Semmelweis University
A New Role for PAR2 Receptor in Endothelium-Dependent Vascular Responses
- 12:05-12:20 Ákos György Juhász, Semmelweis University Department of Biophysics and Radiation Biology, Laboratory of Nanochemistry
Creating and Characterizing Three Dimensional Electrospun Matrices
- 12:20-12:35 Lisa Hurler, Semmelweis University, Department of Internal Medicine and Haematology
Development of Immunoassays for Specific Classical and Lectin Pathway Activation Markers
- 12:35-12:50 Lea Danics, Institute of Translational Medicine, Semmelweis University
Modulated Electro-hyperthermia Suppresses H19, a Tumor Promoting Long Non-coding RNA,

and Promotes Antitumor Effect of Methotrexate in a Triple Negative Breast Cancer Model

- 12:50-13:05 Áron Gellért, Semmelweis University Department of Thoracic Surgery
Experimental isolated lung perfusion model's implication for physiological and pharmacological studies
- 13:05-13:20 Theoretical and Translational Medicine II. Posters Hevesy György Lecture Hall**
- 13:05-13:08 Anna Janovicz, Institute of Translational Medicine, Semmelweis University
Molecular Mechanisms of Lysophosphatidylcholine-Induced Endothelial Dysfunction
- 13:08-13:11 Eszter Lévai, 1st Department of Pediatrics
Role of PARK7 in Peritoneal Inflammation
- 13:11-13:14 Alíz Majer, Institute of Translational Medicine, Semmelweis University
Vasoactive Actions of Lysophospholipid Mediators in Human Coronary Arteries
- 13:14-13:17 Ádám Zolcsák, Biofizika és Sugárbiológiai Intézet
Photosensitization induced membrane disruption studied with Atomic Force Microscopy
- 13:17-13:20 Ádám Hosszú, 1st Department of Pediatrics
Sigma-1 Receptor Agonists Are Renoprotective in Experimental Kidney Transplantation
- 11:50–12:50 Clinical Medicine II. Lectures Békésy György Lecture Hall**
- 11:50-12:05 Balázs Szécsi, Heart and Vascular Centre
Endocrine Management of Cardiac Donors: Thyroxine Supplementation during Heart Transplant
- 12:05-12:20 Dorottya Kecskeméti, Gottsegen National Cardiovascular Institute
Cause of death in adult patients with congenital heart disease: experiences of a tertiary centre
- 12:20-12:35 Vencel Juhász, Semmelweis University - Heart and Vascular Center
Semmelweis post-COVID athletes' register - preliminary results
- 12:35-12:50 Bálint Károly Lakatos, Heart and Vascular Centre, Semmelweis University
Frequent constriction-like echocardiographic findings in elite athletes following mild COVID-19: in the grasp of SARS-CoV-2?
- 12:50-13:05 Clinical Medicine II. Posters Békésy György Lecture Hall**
- 12:50-12:53 Zsófia Gregor, Heart and Vascular Center, Semmelweis University
Sex- and Age- Specific Normal Values of Left Ventricular Functional and Myocardial Mass Parameters Using Threshold-based Trabeculae Quantification
- 12:53-12:56 Judit Simon, Városmajor Heart and Vascular Center
On-site coronary CT - derived FFR for the assessment of non-culprit lesions in patients who suffered myocardial infarction
- 12:56-12:59 Liliána Szabó, Semmelweis University Heart and Vascular Center
Training- and sex-related alterations of global feature-tracking strain values in young, highly trained elite athletes using cardiac magnetic resonance imaging
- 12:59-13:02 Boldizsár Kiss, Semmelweis University, Heart and Vascular Centre
Prospective analysis of FORECAST pilot score for estimation the early mortality in resuscitated patients
- 13:02-13:05 Zsófia Dohy, Heart and Vascular Center of Semmelweis University

Diagnostic and Prognostic Significance of Cardiac Magnetic Resonance-based Strain Analysis in Hypertrophic Cardiomyopathy

11:50–13:20 Mental Health II. Lectures Beznák Aladár Lecture Hall

11:50-12:05 Georgina Csordás, Semmelweis University Doctoral School

Can Meaningful Work Prevent Turnover Intentions?

12:05-12:20 Diána Gizella Sipőcz, Semmelweis University, Doctoral School of Mental Health Sciences

Chronically Ill Elderly Patients' Spirituality in Palliative Care

12:20-12:35 László Árpád Kostyál, Semmelweis Mentális Egészségtudományok Doktori Iskola; Katolikus Szeretetszolgálat

Impact of the COVID-19 Pandemic on Family Carers of Older People Living with Dementia in Italy and Hungary

12:35-12:50 Judit Szigeti F., Institute of Behavioural Sciences, Department of Otorhinolaryngology & Head-and-Neck Surgery, Semmelweis University

Validation of a Hungarian Psychological Screening Measure for Assisted Reproduction Patients

12:50-13:05 Zsuzsa Koncz, Semmelweis University, Doctoral School of Mental Health Sciences

Characteristics of Complementary and Alternative Medicine Use Among Hungarian Breast Cancer Patients in Perioperative Phase

13:05-13:20 Enikő Bóna, Institute of Behavioural Sciences, Semmelweis University

Health beliefs and motivations behind juice cleanse diets

11:50–12:50 Pharmaceutical Sciences II. Lectures Hári Pál Lecture Hall

11:50-12:05 Dávid Árpád Karádi, Semmelweis University Department of Pharmacology and Pharmacotherapy

Glycin transporter inhibitors: an emerging novel therapeutic option in the treatment of neuropathic pain

11:05-11:20 Csenger Kovácsházi, Semmelweis University, Department of Pharmacology and Pharmacotherapy

Ischemic helium conditioning increases cardiac fibroblast migration which is not propagated via soluble factors or extracellular vesicles

11:20-11:35 Bianka Várnai, Semmelweis University Department of Pharmacognosy

Charge-dependent molecular interactions in remdesivir-cyclodextrin systems

11:35-12:50 Tamás Árpádfy-Lovas, Department of Pharmacology and Pharmacotherapy, Faculty of Medicine, University of Szeged, Szeged, Hungary

Chronic Exercise Does Not Affect Sensitivity to Adrenaline in Dog Cardiac Ventricular Tissues

12:50–12:23 Pharmaceutical Sciences II. Posters Hári Pál Lecture Hall

12:50-12:53 Arashi Mirzahosseini, Department of Pharmaceutical Chemistry

On the correlation between cysteine NMR chemical shifts in peptides and the thiolate acid-base/redox character

12:53-12:56 László Forgách, Department of Biophysics and Radiation Biology, Semmelweis University, Budapest

Novel fluorescent labelled, pegylated Prussian Blue nanoparticles for in vivo optical imaging

- 12:56-12:59 Tamás Páll, Department of Pharmaceutical Chemistry
Selenate – an Internal Chemical Shift Standard for Aqueous ⁷⁷Se NMR Spectroscopy
- 12:59-13:02 Szilvia Bianka László, Department of Pharmacology and Pharmacotherapy, Semmelweis University, Budapest, Hungary
Chronic Administration of Selective COX-2 Inhibitors Ameliorates Mesenteric Ischemia/Reperfusion Injury
- 13:02-13:05 András Szilvay, University Pharmacy Department of Pharmacy Administration
Assessing the opinions and needs of patients with polypharmacy on medication review in the frame of basic pharmaceutical care in Hungarian community pharmacies
- 13:05-13:08 Imre Vörös, Department of Pharmacology and Pharmacotherapy, Semmelweis University
Role of Endogenous Somatostatin in Ischemia-Reperfusion and Cardioprotection
- 13:08-13:11 Levente Tyukodi, University of Pécs, Faculty of Pharmacy, Institute of Pharmaceutical Chemistry
Investigation of novel C5-cyclic curcuminoid analogs in spectral aspects
- 13:11-13:14 Zsófia Szász, Semmelweis University, Department of Genetics, Cell- and Immunobiology
Investigation of the effects of the TIC-10 molecule and its halogenated derivatives on PANC-1 cell line
- 13:14-13:17 András Tóth, SE ÁOK, Farmakológiai és Farmakoterápiás Intézet, Budapest
Analysing the Effect of the Alpha-2 Adrenoceptor Agonist Clonidine on Indomethacin-Induced Small Bowel Damage in Rats
- 13:17-13:20 Kamilla Varga, Department of Pharmacodynamics, Semmelweis University, Budapest
Examining the Role of Apoptosis and Mitochondrial Damage in the Cytoprotective Effect of Resveratrol and its Analogues
- 13:20-13:23 Barnabás Palcsó, University Pharmacy Department of Pharmacy Administration
Formulation and evaluation of a polymer-based chlorine dioxide releasing system
- 13:20-15:00 Lunch box and Poster Viewing Aula**
- 15:00-16:00 Plenary Lecture | Exam Test / I. Szent-Györgyi Albert Lecture Hall**
Dr. Maurovich-Horvát Pál, Medical Imaging Centre, Semmelweis University
- 16:10-18:10 Molecular Sciences III. Lectures Szent-Györgyi Albert Lecture Hall**
- 16:10-16:25 Zoltán Lippai, 1st Department of Pathology and Experimental Cancer Research
NTRK Gene Alterations in Soft Tissue Tumors
- 16:25-16:40 Milán Somogyvári, Department of Molecular Biology at the Institute of Biochemistry and Molecular Biology, Semmelweis University
SIR-2.1 regulates lipolysis via HSF-1 in C. elegans
- 16:40-16:55 Jonatán Pasitka, PTE Általános Orvostudományi Kar Biofizikai Intézet
The Observation of DNA Photorepair Activity of Wild-type- and Cryptochrome-like E.coli Photolyase Variants
- 16:55-17:10 Marianna Holczer, Semmelweis University, Department of Molecular Biology, Budapest, Hungary
The Systems Biological Analysis of PP2A-ULK1-mTOR Regulatory Triangle
- 17:10-17:25 Ilka Keller, University of Debrecen, Faculty of Medicine, Department of Medical Chemistry

The role of SMTNL-1 in the physiological and pathological functions of female reproductive system

17:25-17:40 Osrolya Mózner, Semmelweis University, Doctoral School of Molecular Medicine; ELKH Research Centre for Natural Sciences

Examining the Modulation of the Plasma Membrane Calcium Pump PMCA4b in Erythroid Cells

17:40-17:55 Krisztina Németh, Department of Genetics, Cell- and Immunobiology

Hepatic extracellular vesicle release and uptake under normolipemia and hyperlipidemia

17:55-18:10 Patrik Kovács, University of Debrecen Faculty of Medicine Department of Medical Chemistry
The Effects of Lithocolic Acid on Oxidative Stress in Breast Cancer

16:10-18:10 Theoretical and Translational Medicine III. Lectures Hevesy György Lecture Hall

16:10-16:25 Viktor Nabil Sayour, Department of Pharmacology and Pharmacotherapy, Semmelweis University, Budapest

Lack of efficacy of remote ischemic preconditioning on infarct size in rats: evidence from randomized, blinded studies of myocardial ischemia/reperfusion injury in three different study centers and from a systematic review

16:25-16:40 Tamás Gergely, Semmelweis University, Department of Pharmacology and Pharmacotherapy
Immune checkpoint inhibition with PD-1 inhibitor induces cardiac dysfunction without overt myocarditis in C57BL/6 mice

16:40-16:55 Éva Pál, Institute of Translational Medicine, Semmelweis University

Vitamin D Receptor Deficiency Impairs the Adaptation of the Cerebrocortical Microcirculation to Unilateral Carotid Artery Occlusion

16:55-17:10 Dominik Sziklai, Semmelweis University, Institute of Biophysics and Radiation Biology
Nanoscale Manipulation of the Sarcomeric M-line Complex

17:10-17:25 László Hricisák, Institute of Translational Medicine, Semmelweis University

Roles of Nitric Oxide and Prostanoid Mediators in the Adaptation of the Cerebrocortical Microcirculation

17:25-17:40 Botond Simon, Semmelweis University Faculty of Dentistry Department of Conservative Dentistry

The role of palatal geometry in gender discrimination and human identification

17:40-17:55 Kinga Borsodi, Institute of Translational Medicine, Semmelweis University

Intracellular Pathways of Bradykinin-Induced Murine Detrusor Muscle Contraction and a Potential Link with Bladder Dysfunctions

17:55-18:10 Flóra Antali, Institute of Translational Medicine, Semmelweis University

Verification of the Photoplethysmography-based Pulse Rate Variability (PRV) Analysis and Determination of Its Compatibility with The Results of ECG-based Heart Rate Variability (HRV) Analysis

16:10-18:10 Clinical Medicine III. Lectures Békésy György Lecture Hall

16:10-16:25 Valéria Ferencz, Károly Rácz Doctoral School of Clinical Medicine, Semmelweis University, Budapest, Hungary

Effects of tamoxifen on cognitive functions in patients with breast cancer. A preliminary cross-

sectional study.

- 16:25-16:40 Bence Ferencz, National Koranyi Institute of Pulmonology
New Insights Into the Site-specific Metastasis Pattern of Small Cell Lung Cancer
- 16:40-16:55 Péter Turai, Semmelweis University, Department of Internal Medicine and Oncology,
Department of Endocrinology
Studies on Circular RNAs in Adrenocortical Tumors
- 16:55–17:10 Petra Kövy, School of PhD Studies Rácz Károly, Semmelweis University, Budapest, Hungary
Nucleophosmin1 and isocitrate dehydrogenase 1 and 2 as measurable residual disease markers in acute myeloid leukemia
- 17:10-17:25 Tamás Nagy, Department of Pulmonology
Connective tissue disease-associated interstitial lung disease (CTD-ILD) patient characteristics and treatment possibilities
- 17:25-17:40 Bálint Gergely Szabó, South Pest Central Hospital, National Institute of Hematology and Infectious Diseases
Does favipiravir avoid disease progression among adult patients hospitalized with moderate to severe COVID-19? A prospective, sequential cohort study from Hungary
- 17:40-17:55 Bálint Gergely Szabó, South Pest Central Hospital, National Institute of Hematology and Infectious Diseases
Invasive fungal infections among critically ill adult COVID-19 patients: first experiences from the national centre in Hungary
- 17:55-18:10 Bálint Gergely Szabó, South Pest Central Hospital, National Institute of Hematology and Infectious Diseases
Laboratory parameters predicting in-hospital mortality of adult in-patients with COVID-19 associated cytokine release syndrome treated with high-dose tocilizumab – experiences from the national COVID-19 centre of Hungary
- 16:10-18:10 Clinical Medicine IV. Lectures Hári Pál Lecture Hall**
- 16:10-16:25 Csenge Pajtók, 1st Department of Paediatrics, Semmelweis University
Excess Sodium Chloride Induces Inflammation and Profibrotic Response in Peritoneal Cells
- 16:25-16:40 Vera Balog, 1st Department of Pediatrics
Continuous non-invasive hemodynamic monitoring of neonates undergoing hypothermia
- 16:40-16:55 Dániel Kulin, Institute of Translational Medicine, Semmelweis University
Peripheral Pulse Wave Changes in a COVID-19 Patient by an Innovative Remote Daily Monitoring System - a Case Study
- 16:55-17:10 András Gellért Barta, Semmelweis Egyetem Belgyógyászati és Onkológiai Klinika
Altered body composition in adult patients with Phenylketonuria
- 17:10-17:25 Gergely Visolyi, Károly Rácz School of PhD Studies, Semmelweis University, Budapest Hungary, Department of Internal Medicine and Oncology, Semmelweis University Faculty of Medicine, Budapest, Hungary
Pregnancy outcomes of women with untreated gestational diabetes (according to the WHO 2013 diagnostic criteria

- 17:25–17:40 Daniel Vegh, EMMI Emberi Erőforrások Minisztériuma - Egészségügyért Felelős
Államtitkárság
Dental screening for patients living with type-1 diabetes mellitus
- 17:40-17:55 Dániel Seidl, MTA-SE Lendület Nephrogenetic Laboratory, Budapest, Hungary
The molecular basis of the exceptional dominant transmission of NPHS2-associated nephrotic syndrome
- 17:55-18:10 Bettina Katalin Budai, Department of Radiology, Medical Imaging Centre, Faculty of Medicine,
Semmelweis University
Three-dimensional CT Texture Analysis for Liver Fibrosis Staging
- 18:10–19:00 Travelling to the PE and Sports Center of Semmelweis University**
- 19:00–24:00 Social Programme**
Frenk concert
(Semmelweis University's P.E. and Sports Centre)

8 July 2021

- 7:30–9:00** **Registration and Poster Mounting** **Aula**
- 09:00–10:00** **Plenary Lecture | Exam Test / II.** **Szent-Györgyi Albert Lecture Hall**
Dr. Szijártó Attila, 1st Department of Surgery and Interventional Gastroenterology, Semmelweis University, Budapest
- 10:00–10:10** **Break**
- 10:10–11:55** **Molecular Sciences IV. Lectures** **Szent-Györgyi Albert Lecture Hall**
- 10:10–10:25 Péter Sasvári, Semmelweis University, Department of Physiology
Proteomic Analysis of the Interaction Partners of ARHGAP25 in Neutrophils
- 10:25–10:40 Kinga Tóth, Semmelweis University
Comparative genomic analysis of the subclades C2/H30Rx and C1-M27 of - Escherichia coli ST131 high-risk clone across Hungary from 2007-2018
- 10:40–10:55 Anna Terézia Pató, Semmelweis University, Department of Physiology
Developing Research Tools to Study Duox1 NADPH Oxidase
- 10:55–11:10 Krisztina Ella, Semmelweis University, Department of Physiology
Metabolic rhythm as a regulator of immune responses
- 11:10–11:25 Ákos Roland Tóth, Semmelweis University 1st Department of Pediatrics, Budapest
Short- and long-term renal damage following perinatal asphyxia in rat model
- 11:25–11:40 Péter Mendik, Department of Molecular Biology, Institute of Biochemistry and Molecular Biology, Semmelweis University, Budapest, Hungary
Translocating Proteins Compartment-specifically Alter the Fate of Epithelial-mesenchymal Transition in a Compartmentalized Boolean Network Model
- 11:40–11:55 Georgina Csizmadia, Department of Biophysics and Radiation Biology, Semmelweis University
In silico investigation of SARS-CoV-2 E protein structure and function
- 10:10–11:25** **Neurosciences I. Lectures** **Hevesy György Lecture Hall**
- 10:10–10:25 Dávid Keller, Department of Anatomy, Histology and Embryology, Semmelweis University
A New Brain Mechanism Promoting Physical Contact in Social Behaviour
- 10:25–10:40 Orestis Stylianou, Department of Physiology Semmelweis University
Increased Multifractal Functional Connectivity in the Brain During Visual Pattern Recognition
- 10:40–10:55 Dóra Dobos, Semmelweis University, Department of Pharmacodynamics, SE-NAP 2 Genetic Brain Imaging Migraine Research Group
Effect of Autogenic Training on Migraine Frequency and on the Activation of Migraine-related Pons Area in Response to Fearful Visual Stimuli
- 10:55–11:10 Krisztián Zichó, Institute of Experimental Medicine
Role of Hippocampal Interneurons in Contextual Memory Recall
- 11:10–11:25 Mohd Yaqub Mir, Semmelweis University
Modular Organization of Signal Transmission in the Primate Somatosensory Cortex
- 11:25–11:50** **Neurosciences I. Posters** **Hevesy György Lecture Hall**

- 11:25–11:28 Csaba Horváth, Research Centre for Natural Sciences
Dataset of cortical activity recorded with high spatial resolution from anesthetized rats
- 11:28–11:31 János Rokai, Research Centre for Natural Sciences
ELVISort: encoding latent variables for instant sorting, an artificial intelligence-based end-to-end solution
- 11:31–11:34 Zsolt Kocsis, University of Debrecen
High-Resolution Retinotopic Mapping with Intrinsic Signal Optical Imaging in the Cat's Primary Visual Cortex
- 11:34–11:49 András Salma, Institute of Experimental Medicine
Morphofunctional Mapping of the Anterior Part of the Human Thalamus
- 10:10–11:40 Clinical Medicine V. Lectures Békésy György Lecture Hall**
- 10:10–10:25 Éva Anna Piros, Semmelweis University, Department of Dermatology, Venereology and Dermatoooncology
Interleukin-17-inhibitor therapy has a beneficial effect on the cardiometabolic status of severe psoriatic patients
- 10:25–10:40 Dorottya Keresztes, PTE KK Bőr-, Nemikórtani és Onkodermatológiai Klinika
Development of an automated, artificial intelligence based system to recognise, diagnose and follow up nail symptoms and disorders
- 10:40–10:55 Zsófia Király, Semmelweis University, Department of Dermatology, Venereology and Dermatoooncology, Budapest
Clinicopathologic Study of 14 Patients with Lupus Erythematosus Panniculitis
- 10:55–11:10 Lili Borbála Flink, Department of Dermatology and Allergology, Faculty of Medicine, University of Szeged
Investigation of Inflammatory Biomarkers in Psoriasis
- 11:10–11:25 Noémi Andrási, Hungarian Angioedema Center of Reference and Excellence, Department of Internal Medicine and Hematology, Semmelweis University and 2nd Department of Pediatrics, Semmelweis University
Diagnosing pediatric patients with hereditary C1-inhibitor deficiency – experience from the Hungarian Angioedema Center of Reference and Excellence
- 11:25–11:40 Zsófia Pólai, Semmelweis University, Department of Internal Medicine and Hematology, Hungarian Angioedema Center of Reference and Excellence
Detailed long term follow up of a patient with acquired angioedema due to C1-inhibitor deficiency
- 11:40–12:13 Clinical Medicine V. Posters Békésy György Lecture Hall**
- 11:40–11:43 Balázs Csoma, Semmelweis University Department of Pulmonology
Measurements of upper and lower airway nitric oxide in healthy adults
- 11:43–11:46 Zsuzsanna Balla, Hungarian Angioedema Reference Center, Department of Internal Medicine and Haematology, Semmelweis University, Budapest, Hungary
Importance of Complement Testing in Acquired Angioedema due to Angiotensin-Converting Enzyme Inhibitors

- 11:46–11:49 Bálint Egyed, Semmelweis University 2nd Department of Pediatrics
Novel Liquid Biopsy Markers of Central Nervous System Involvement in Pediatric Acute Lymphoblastic Leukemia
- 11:49–11:52 Krisztina Andrea Szigeti, Department of Internal Medicine and Oncology, Faculty of Medicine, Semmelweis University, Budapest
Alteration of Global DNA Methylation Pattern and Methyl-donor Content during Colorectal Cancer Progression
- 11:52–11:55 Tamás Mezei, Department of Neurosurgery, Semmelweis University / National Institute of Mental Disorders, Neurology and Neurosurgery
Supplementary valproate therapy for glioma patients - an alternative opportunity to enhance the efficiency of the radio-chemotherapy
- 11:55–11:58 Kamilla Koszorú, Semmelweis University, Department of Dermatology, Venereology and Dermatoooncology
The Impact of Atopic Dermatitis on Health-Related Quality of Life
- 11:58–12:01 Sára Judit Zakariás, Department of Dermatology, Venereology and Dermatoooncology
Co-occurrence of Two Autosomal Dominant Disorders Revealed by Genetic Testing
- 12:01–12:04 Dóra Plázár, Department of Dermatology, Venereology and Dermatoooncology, Semmelweis University
Genotype-phenotype correlation study and analysis of dermoscopy features in Darier disease
- 12:04–12:07 Tamás Ákos Malkovics, Semmelweis University, Department of Dermatology, Venereology and Dermatoooncology
Neurological Complications in Dermatitis Herpetiformis
- 12:07–12:10 Marie Isolde Joura, Department of Dermatology, Venereology and Dermatoooncology, Semmelweis University
Interactions between immune system and the microbiome of skin, blood and gut in pathogenesis of rosacea
- 12:10–12:13 Hajnalka Barta, Semmelweis Egyetem ÁOK I. sz. Gyermekgyógyászati Klinika
Predictive performance and metabolite dynamics of proton MR spectroscopy in neonatal hypoxic-ischemic encephalopathy
- 10:10–11:55 Health Sciences Lectures Beznák Aladár Lecture Hall**
- 10:10–10:25 Gyula Ujlaki, University of Debrecen, Faculty of Medicine, Department of Medical Chemistry
Object Segmentation and Analysis of Cancer Cells on High Throughput Microscopy Images, Using Conventional Methods and Deep Convolutional Neural Network
- 10:25–10:40 Konstantinos Voniatis, Semmelweis University
Developing Evidence-based Hygiene by a Utilising Digital Health System
- 10:40–10:55 Balázs Szécsényi-Nagy, Semmelweis University
A koronavírus járvány hatása a császármetszések arányának trendjére
- 10:55–11:10 Health Sciences Posters Beznák Aladár Lecture Hall**
- 10:55-10:58 Eszter Puhl, Department of Pharmacology and Pharmacotherapy, Semmelweis University
Pharmacovigilance literacy among medical and pharmacy students at Semmelweis University

- 10:58-11:01 Mátyás Pétervári, Semmelweis University, Department of Pharmacology and Pharmacotherapy
Using network analysis for better signal detection in pharmacovigilance
- 11:01-11:04 Nora Rado, Semmelweis University, Faculty of Medicine, Institute of Behavioural Sciences
Attitudes towards telecare among homeless people in Hungary
- 11:04-11:07 Szava Bansaghi, Doctoral School of Health Sciences, Semmelweis University, Budapest, Hungary
Scoring System to Compare the Reliability of Hand Disinfectant Solution Dispensers
- 11:07-11:10 Ariel Toh, MICS
Navigating systems of change with adaptation pathways: between climate points and health points

10:10-11:25 Pathology and Oncology I. Lectures

Hári Pál Lecture Hall

- 10:10-10:25 Éva Kocsmár, 2nd Department of Pathology, Semmelweis University
Proteomic Characterization of the Post-mortem Interval-dependent Human Tissue Degradation
- 10:25-10:40 Szófia Szentpéteri, Semmelweis University, School of PhD Studies, Károly Rácz Doctoral School of Clinical Medicine
Examination of Interleukin 1A and 1B single nucleotide polymorphism in development and prognosis of medication-related osteonecrosis of the jaw
- 10:40-10:55 Ildikó Kocsmár, 2nd Department of Pathology, Semmelweis University
Polysomy 17 Analysis Using Fluorescent in Situ Hybridization Can Predict the Progression of Non-muscle-invasive Bladder Cancers into Muscle-invasive Disease
- 10:55-11:10 Márton Kalabay, Semmelweis University, Department of Genetics, Cell- and Immunobiology
Tumor inhibitory mechanism of novel tamoxifen derivatives on breast- and pancreatic cancer cell lines
- 11:10-11:25 Lili Kotmayer, 1st Department of Pathology and Experimental Cancer Research, Semmelweis University
Sensitive Screening and Monitoring of BTK p.C481S Mutations in Chronic Lymphocytic Leukemia During Ibrutinib Therapy
- 11:25-12:01 Pathology and Oncology I. Posters**
- Hári Pál Lecture Hall**
- 11:25-11:28 Marcell Baranyi, 2nd Department of Pathology
Prenylation inhibition in combination with Ras pathway targeting
- 11:28-11:31 Titanilla Dankó, 1st Department of Pathology and Experimental Cancer Research, Semmelweis University
Autophagy-induction Derived Non-apoptotic Cell Death in Human Breast Cancer Cell Lines
- 11:31-11:34 Dániel Sztankovics, Semmelweis Egyetem I. Sz. Patológiai és Kísérleti Rákkutató Intézet
Analysis of RICTOR Amplification and mTOR Inhibitor Sensitivity in Small Cell Lung Carcinoma
- 11:34-11:37 János Karczub, 2nd Department of Pathology, Semmelweis University
miR-455-3p Contributes to the Downregulation of Claudin-3 Expression in the Carcinogenesis and Metastasis of Colorectal Adenocarcinomas
- 11:37-10:40 Dorottya Moldvai, 1st Department of Pathology and Experimental Cancer Research

Studies Finding Additional Therapeutic Options in Clear Cell Renal Cell Carcinomas

- 11:40–11:43 William Kothalawala, Semmelweis University Dept. of Internal Medicine, Budapest, Hungary
In Silico Investigation of Cellular Decomposition Differences Between Normal Mucosa and Colorectal Cancer
- 11:43–11:46 Lóránd Váncza, 1st Department of Pathology and Experimental Cancer Research
The Role of SPOCK1 in Liver Cancer
- 11:46–11:49 Sára Zsigrai, Department of Internal Medicine and Oncology, Semmelweis University, Budapest
Analyzing the Effect of Folic Acid on Genetic and Epigenetic Alterations
- 11:49–11:52 Gergely Pallag, Department of Biochemistry and Molecular Biology, Semmelweis University
Proline Oxidation in Mitochondria with Inhibited Complex I Maintains Forward Mode of F0-F1 ATP Synthase Due to High Electron Flow and Ubiquinone Reduction
- 11:52–11:55 Szilvia Krizsán, HCEMM-SE Molecular Oncohematology Research Group, 1st Department of Pathology and Experimental Cancer Research, Semmelweis University, Budapest, Hungary
Comprehensive Mutation Screening by Targeted Next-Generation Sequencing of Patients with Normal Karyotype Acute Myeloid Leukemia
- 11:55–11:58 Szonja Anna Kovács, Department of Bioinformatics, Semmelweis University
Investigation of Predictive Biomarkers in Immuno-Oncology
- 11:58–12:01 András Budai, 2nd Department of Pathology, Semmelweis University
Preliminary study of inflammasomes activity and growth patterns in colorectal adenocarcinoma liver metastases
- 12:10–14:00 Lunch Box and Poster Viewing** **Aula**
- 14:00–15:00 Plenary Lecture | Exam Test / III.** **Szent-Györgyi Albert Lecture Hall**
Dr. Dénes Ádám, Institute of Experimental Medicine, Budapest
- 15:00–15:30 Coffee Break** **Aula**
- 15:30–17:30 Molecular Sciences V. Lectures** **Szent-Györgyi Albert Lecture Hall**
- 15:30–15:45 Krisztina Veszelyi, Institute of Translational Medicine, Semmelweis University
The Possible Absence of the Thioredoxin / Thioredoxin Reductase System in the Lumen of the Endoplasmic Reticulum
- 15:45–16:00 Carolin Christ, Semmelweis University, Physiology Department
Characterization of the Lymphatic Vasculature in Atherosclerosis
- 16:00–16:15 Sándor Lukács Lesinszki, Semmelweis University, Department of Physiology
Src-family Kinases in Immune Complex-mediated Glomerulonephritis
- 16:15–16:30 Zsombor Ocskay, Semmelweis University Department of Physiology
Characterization of the Mechanisms Leading to Age-related Changes of Meningeal Lymphatics
- 16:30–16:45 Kelemen Andrea, Department of Genetics, Cell- and Immunobiology, Molecular Cancer Research Group
The intratumoral heterogeneity of CD44 has the most robust effect on the cargo and release of extracellular vesicles in colorectal cancer
- 16:45–17:00 Gábor Kovács, Department of Physiology, Semmelweis University School of Medicine, Budapest, Hungary

Characterization of the Role of Lymphatic Vessels in mRNA-LNP Vaccine Induced Immune Response

- 17:00–17:15 Tamás Lakat, Semmelweis University 1st Department of Pediatrics
Lyophilization and homogenization of biological samples improves reproducibility and reduces standard deviation in molecular biology techniques
- 17:15–17:30 Katalin Vincze, Semmelweis University
Generation of iPSC lines from identical diabetic twins
- 15:30–17:30 Neurosciences II. Lectures Hevesy György Lecture Hall**
- 15:30–15:45 Susanne Prokop, Institute of Experimental Medicine
The potential neuropharmacological importance of the Islands of Calleja brain region
- 15:45–16:00 Anna Jász, Institute of Experimental Medicine
The role of the calretinin positive neurons in the paraventricular thalamus in the rodent model of stress induced sleep disorder
- 16:00–16:15 Noémi Kis, Institute of Experimental Medicine
Unique Properties of Dendritic Ca²⁺ Spikes in Hippocampal CA3 Pyramidal Neurons
- 16:15–16:30 Gergely Sváb, Department of Biochemistry, Laboratory of Neurobiochemistry, Institute of Biochemistry and Molecular Biology, Semmelweis University
Effect of Methylene Blue on Complex III-Inhibited Mitochondria
- 16:30–16:45 Balázs Pósfai, Institute of Experimental Medicine
Molecular Anatomy and Function of Somatic Microglia-Neuron Junctions
- 16:45–17:00 Bálint Varga, Wigner Research Centre for Physics
Network Path Convergence Shapes Low-Level Processing in the Visual Cortex
- 15:30–17:30 Clinical Medicine VI. Lectures Békésy György Lecture Hall**
- 15:30–15:45 Dóra Solymosi, Department of Dermatology, Venereology and Dermatoooncology, Faculty of Medicine, Semmelweis University, Budapest
Food allergy, or not - that is the question
- 15:45–16:00 Antal Jobbágy, Semmelweis University
Application of teledermatology during the first wave of the COVID-19 pandemic
- 16:00–16:15 Klára Farkas, Department of Dermatology, Venereology and Dermatoooncology; Semmelweis University
In vivo detection of skin changes in pseudoxanthoma elasticum using autofluorescence imaging
- 16:15–16:30 Szabolcs Bozsányi, Department of Dermatology, Venereology and Dermatoooncology
Preoperative examination of the surgical margins of melanoma using multispectral LED-based evaluation
- 16:30–16:45 Ákos Szabó, Department of Health Economics, Corvinus University of Budapest
A Comparative Study on the Measurement Properties of DLQI, DLQI-R and Skindex-16
- 16:45–17:00 Csenge Pajtók, 1st Department of Paediatrics, Semmelweis University
High Salt Intake Impairs Dermal Tissue Remodeling
- 17:00–17:15 Dominik Németh, Semmelweis Egyetem ÁOK Bőr-, Nemikórtani és Bőronkológiai Klinika
Contact Allergy in the Elderly

- 15:30–17:30 Clinical Medicine VII. Lectures Beznák Aladár Lecture Hall**
- 15:30–15:45 Máté Turbucz, Országos Gerincgyógyászati Központ, In Silico Biomechanics Laboratory
Finite Element Study of the Closed Loop Reconstruction Technique Method Following Total Sacrectomy
- 15:45–16:00 Bence Gusztáv Stubnya, Department of Orthopedics, Semmelweis University, Budapest
Comparison of the Effect of Subvastus versus Medial Parapatellar Approach in the Early Postoperative Rehabilitation
- 16:00–16:15 Ferenc Bereczki, In Silico Biomechanics Laboratory, National Center for Spinal Disorders, Budapest, Hungary; School of PhD Studies, Semmelweis University, Budapest
Stability Evaluation of Different Oblique Lumbar Interbody Fusion Constructs in Normal and Osteoporotic Condition –a Finite Element Based Study
- 16:15–16:30 Kristóf Koch, National Center for Spinal Disorders
Processing risk factors of complications and length of stay after primary sacral tumor surgeries
- 16:30–16:45 Kristóf Koch, National Center for Spinal Disorders
Complications and length of hospital stay after percutaneous cement discoplasty
- 16:45–17:00 Stefani Maihoub, Semmelweis University, Faculty of Medicine, Department of Otolaryngology and Head and Neck Surgery
Comparative Study Between the Auditory and Vestibular Functions in Ménière's Disease
- 17:00–17:15 András Molnár, Semmelweis University, Department of Otolaryngology and Head and Neck Surgery
Depression and Anxiety in the Vertiginous Population
- 17:15–17:30 Angéla Horváth, Semmelweis University, Department of Otorhinolaryngology, Head and Neck Surgery
The Diagnostic Accuracy of Preoperative Diagnostic Workup in Patients with Head and Neck Cancers Undergoing Neck Dissections in Terms Of Nodal Metastases
- 15:30–17:30 Pathology and Oncology II. Lectures Hári Pál Lecture Hall**
- 15:30-15:45 Lilla Krokker, Semmelweis University, Department of Laboratory Medicine
Application of 3d in vitro tumor model in investigation of adrenocortical cancer therapy response
- 15:45-16:00 Andrea Reszegi, Semmelweis University, 1st Department of Pathology and Experimental Cancer Research
Overexpression of Human Decorin Protects against the Thioacetamide-Induced Hepatocarcinogenesis in Mice
- 16:00-16:15 Beáta Szeitz, Division of Oncology, Department of Internal Medicine and Oncology, Semmelweis University, Budapest, Hungary
Metabolic Reprogramming and Immune System Modulation in Metastatic Melanoma - a Proteogenomic Study
- 16:15-16:30 Gábor Bedics, Semmelweis University, 1st Department of Pathology and Experimental Cancer Research
Comprehensive Profiling of DNA Copy Number Aberrations with Digital Multiplex Ligation-

- dependent Probe Amplification in Pediatric B-cell Acute Lymphoblastic Leukemia*
16:30-16:45 Ákos Nagy, 1st Department of Pathology and Experimental Cancer Research, Semmelweis University
- Liquid Biopsy-Based Monitoring of EZH2 Mutations in Follicular Lymphoma*
16:45–17:00 Anna Sólyóm-Tisza, 1st Department of Pathology and Experimental Cancer Research, Semmelweis University
- Distribution of Sunitinib, an Antiangiogenic Tyrosine Kinase Inhibitor, in Primary Versus Metastatic Tumors in Mice*
17:00–17:15 Orsolya Matolay, University of Debrecen, Department of Pathology, Debrecen
- Investigation of CAIX expression in non-Hodgkin lymphomas*
17:15–17:30 Zoltán Herold, Division of Oncology, Department of Internal Medicine and Oncology, Semmelweis University
- A Continuous Increase in Platelet Count Is Associated with Worse Survival of Colorectal Cancer Patients*
- 17:30–18:00 Travelling to the PE and Sports Center of Semmelweis University**
- 18:00-24:00 Presentation of Prizes**
- Social Programme**
- Ivan & the Parazol Concert**
(Semmelweis University's P.E. and Sports Centre)