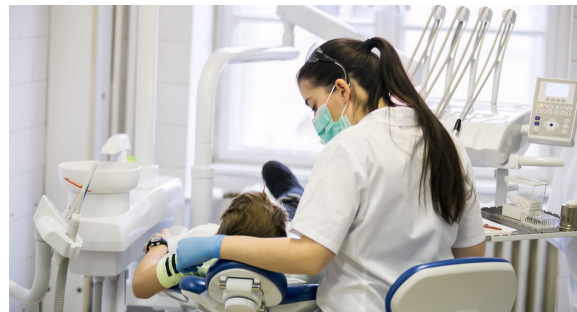




SEMMELWEIS 250 ONLINE CLINICAL CONFERENCE



PROGRAMME

9-10 NOVEMBER 2020

Semmelweis University



<http://semmelweis.hu/250/en/semmelweis-250-clinical-conference/>



Dear Colleagues!

It is our great pleasure to welcome you to the Semmelweis 250 Clinical Conference, the very first international event showcasing the clinical activity of Semmelweis University in its complexity. Our aim is to provide a multidisciplinary overview of innovations and developments in different fields of clinical medicine, presented by more than 70 renowned national and international speakers. During these two days of celebration of clinical medicine we welcome national and international university and hospital leaders, medical practitioners of different professions, resident doctors, PhD students and students (grades 4-5-6), including students studying medicine, dentistry, pharmacy and health sciences. **As a consequence of the epidemiological situation, for the safety of our lecturers and participants, the conference had to be postponed from March to the fall and will be held in form of an online event between 9-10 November, 2020.**

The results in our University's three main fields of activities - education, research & innovation and healthcare make us an internationally renowned knowledge centre. Today, Semmelweis University is ranked among the best 500 universities in the world and is one of the leading universities in Central and Eastern Europe in the field of medical and health sciences education, improving its position year after year. The international recognition and reputation of the training is reflected by the fact that more than 30 percent of our students are international, representing more than 70 countries of the world.

Practice-orientation is a considerable competitive advantage of the medical and health sciences education of Semmelweis University, which is even more enhanced by the curriculum reform introduced recently. According to the new curriculum, students will be involved in clinical practice even more and in an earlier stage of their studies, gaining practical skills that they can use in patient care immediately after graduation. Thus, the curriculum reform is likely to have a positive impact on specialist training as well.

Since its foundation, Semmelweis University has paid special attention to continuous development and expansion of its health care services. As a result, patient care is carried out on the highest level and cutting edge technology enables the establishment of the most accurate diagnosis. University clinics and departments also carry out significant research activity with a special emphasis on translational research, with a direct and immediate effect on patient care.

Over the past 250 years, our University has grown into one of the largest health care institutions in Hungary today handling 2.5 million cases each year in its nearly 40 departments, serving as facilities for the clinical training of our students. Most of these departments and institutes will be represented during the Clinical Conference through professional presentations and posters.

We strive to make Semmelweis 250 Clinical Conference a really unique and memorable professional experience. The two-day programme including a wide range of disciplines will enable international knowledge transfer and will contribute to the building and further strengthening of cooperation. We are particularly proud of the diverse healing, research, and teaching activities performed at Semmelweis University, and we believe that it is a defining and unique experience to see and introduce the achievements and innovations of such a wide range of disciplines within a single multidisciplinary conference.

As Chairs of the event, we wish you a great time at the Online Semmelweis 250 Clinical Conference!

Dr. Béla Merkely
Rector

Dr. Attila Szabó
Vice-Rector for Clinical Affairs

Dr. János Réthelyi
Board Member of the Clinical Centre

Session Chairs:

1. Infectology, COVID-19: Dr. Béla Merkely, Dr. Miklós Kellermayer
2. Cardiovascular Medicine: Dr. Béla Merkely, Dr. Péter Ferdinandy
3. Poster Session: Dr. Barna Vásárhelyi, Dr. Zsuzsanna Arányi, Dr. Péter Lakatos, Dr. János Réthelyi, Dr. Tamás Radovits, Dr. Attila Szijártó, Dr. Péter Holló, Dr. László Wagner, Dr. Kálmán Tory
4. Abdominal Surgery and Orthopedics (Surgery I.): Dr. Tamás Terebessy, Dr. Béla Teleky
5. Neurology, Genomic Medicine, Behavioral Medicine, Psychiatry: Dr. János Réthelyi, Dr. Mária Judit Molnár
6. Pediatrics: Dr. Attila J. Szabó, Dr. Tivadar Tulassay
7. Transplantation Medicine, Cardiac and Vascular Surgery (Surgery II.): Dr. Péter Sótónyi, Dr. László Piros
8. Pulmonology, Medical Imaging: Dr. Veronika Müller, Dr. György Losonczy, Dr. Viktor Bérczi
9. Dentistry: Dr. Péter Hermann, Dr. Gábor Gerber
10. Hematology, Endocrinology, Dialysis: Dr. Tamás Masszi, Dr. Uwe Heemann
11. Pathology: Dr. András Matolcsy, Dr. Mikael Björnstedt, Dr. András Kiss
12. Urology, ENT: Dr. Imre Romics, Dr. Georg Mathias Sprinzl
13. Diabetology, Osteology: Dr. István Takács, Dr. Mika Kivimäki
14. Dermatology, Ophthalmology: Dr. Nóra Szentmáry, Dr. Péter Holló
15. Intensive Care and Emergency Medicine: Dr. Endre Zima, Dr. Balázs Hauser
16. Gynaecology and Obstetrics, Oncology: Dr. Nándor Ács

PROGRAMME AT A GLANCE

SEMMELWEIS 250 ONLINE CLINICAL CONFERENCE



09 - 10
November

SEMMELWEIS 250 ONLINE CLINICAL CONFERENCE

09 NOV

- 09:00 - 10:00 ■ **Opening Ceremony**
- 10:00 - 11:45 ■ **Plenary Session**
Infectology / COVID-19
- 11:45 - 12:00 ■ **Break**
- 12:00 - 13:45 ■ **Plenary Session**
Cardiovascular Medicine
- 13:45 - 14:00 ■ **Break**
- 14:00 - 15:30 ■ **Poster Sessions**
■ Psychiatry, Neurology, Behavioral Medicine
■ Cardiology, Hematology, Medical Imaging
■ Case Reports, Dermatology, Intensive Care, Public Health
■ Pediatrics, Nephrology, Pulmonology
- 15:30 - 15:35 ■ **Break**
- 15:35 - 18:00 ■ **Parallel Sessions**
■ Abdominal Surgery, Orthopedics (Surgery I.)
■ Neurology, Genomic Medicine, Behavioral Medicine, Psychiatry
■ Pediatrics

10 NOV

- 08:00 - 08:30 ■ **Plenary Session**
Semmelweis 1818 - 2020
- 08:30 - 08:45 ■ **Break**
- 08:45 - 10:45 ■ **Parallel Sessions**
■ Transplantation Medicine, Cardiac and Vascular Surgery (Surgery II.)
■ Pulmonology, Medical Imaging
■ Dentistry
- 10:45 - 11:00 ■ **Break**
- 11:00 - 13:00 ■ **Parallel Sessions**
■ Hematology, Endocrinology, Dialysis (Internal Medicine I.)
■ Pathology
■ Urology, ENT (Surgery III)
- 13:00 - 13:45 ■ **Break**
- 13:45 - 14:00 ■ **Poster Award Ceremony**
- 14:00 - 16:00 ■ **Parallel Sessions**
■ Diabetology, Osteology (Internal Medicine II.)
■ Dermatology, Ophthalmology
- 16:00 - 16:15 ■ **Break**
- 16:15 - 17:45 ■ **Parallel Sessions**
■ Intensive Care and Emergency Medicine
■ Gynaecology and Obstetrics, Oncology
- 17:45 - 18:00 ■ **Concluding Remarks**

DETAILED SCIENTIFIC PROGRAMME

SEMMELWEIS 250 ONLINE CLINICAL CONFERENCE



09 NOV

Day 1. Monday

09:00 - 10:00	Opening Ceremony	GOLD
09:00 - 09:30	Greetings <i>Dr. József Bódis</i> , State Secretary responsible for Higher Education, Innovation and Vocational Education, Ministry of Innovation and Technology; Dr. Béla Merkely , rector, Semmelweis University; Dr. Attila J. Szabó , vice-rector for Clinical Affairs; president of the Clinical Centre, Semmelweis University	
09:30 - 10:00	New curriculum in the midst of COVID-19 — COVID-19 research in the midst of the new curriculum <i>Dr. Miklós Kellermayer</i> , dean, Faculty of Medicine, Semmelweis University	
10:00 - 11:45	PLENARY SESSION: Infectology / COVID-19	GOLD
	<i>Chairs: Dr. Béla Merkely, Dr. Miklós Kellermayer</i>	
10:00 - 10:25	The role of Semmelweis University in the fight against COVID-19 <i>Dr. Béla Merkely</i> , rector; professor, director, Heart and Vascular Centre, Semmelweis University	
10:25 - 10:55	COVID 19: The Harvard experience <i>Dr. Fidencio Saldana</i> , dean of students, Harvard Medical School, USA	
10:55 - 11:15	Public health aspects of the COVID-19 epidemic <i>Dr. Zoltán Vokó</i> , professor, director, Centre for Health Technology Assessment, Semmelweis University	
11:15 - 11:35	Evolution of rankings in challenging times <i>Phil Baty</i> , chief knowledge officer, Times Higher Education, United Kingdom	
11:35 - 11:45	Discussion	
11:45 - 12:00	Break	
12:00 - 13:45	PLENARY SESSION: Cardiovascular Medicine	GOLD
	<i>Chairs: Dr. Béla Merkely, Dr. Péter Ferdinandy</i>	
12:00 - 12:15	Device treatment of chronic systolic heart failure <i>Dr. Annamária Kosztin</i> , associate professor, Heart and Vascular Centre, Semmelweis University	
12:15 - 12:30	New trends in heart transplantation and assist device therapy <i>Dr. Balázs Sax</i> , associate professor, Heart and Vascular Centre, Semmelweis University	
12:30 - 13:00	The future of Cardiology <i>Dr. Thomas Lüscher</i> , professor, director of research, education and development, Royal Brompton & Harefield Hospital/Imperial College, London, United Kingdom	
13:00 - 13:30	Interventional Cardiology: past, present, future <i>Dr. Christoph Maria Bode</i> , professor, chairman of internal medicine, director, Department of Cardiology and Angiology; director of Medical Intensive Care, University Clinic, Freiburg, Germany	
13:30 - 13:45	Discussion	
13:45 - 14:00	Break	

DETAILED SCIENTIFIC PROGRAMME

SEMMELWEIS 250 ONLINE CLINICAL CONFERENCE



09 NOV

Day 1. Monday

14:00 - 15:20 POSTER SESSIONS

For the list of posters included in the sessions, please scroll down!

14:00 - 15:20 Psychiatry, Neurology, Behavioral Medicine **GOLD**

Chairs: *Dr. Zsuzsanna Arányi, Dr. János Réthelyi*

14:00 - 15:20 Cardiology, Hematology, Medical Imaging **RED**

Chairs: *Dr. Péter Lakatos, Dr. Tamás Radovits*

14:00 - 15:20 Case reports, Dermatology, Intensive Care, Public Health **BLUE**

Chairs: *Dr. Péter Holló, Dr. Attila Szijártó, Dr. Barna Vásárhelyi*

14:00 - 15:20 Pediatrics, Nephrology, Pulmonology **GREEN**

Chairs: *Dr. Kálmán Tory, Dr. László Wagner*

15:20 - 15:35 Break

15:35 - 18:00 PARALLEL SESSIONS

15:35 - 18:00 Abdominal Surgery, Orthopedics (Surgery I.) **GOLD**

Chairs: *Dr. Tamás Terebessy, Dr. Béla Teleky*

15:35 - 16:05 **Surgical strategies of rectal cancer in 2020**

Dr. Béla Teleky, professor, deputy head of the Comprehensive Cancer Center; head of division, Division of General Surgery, Department of Surgery, MedUni Vienna, Austria

16:05 - 16:25 **Minimal invasive techniques in colorectal surgery**

Dr. Gábor István, assistant professor, head of department, II. Department of Surgery, Semmelweis University

16:25 - 16:40 **Minimal invasive approach in abdominal wall surgery**

Dr. Loránd Barabás, assistant professor, II. Department of Surgery, Semmelweis University

16:40 - 17:00 **Modern liver surgery: The legend of Prometheus reborn**

Dr. Attila Szijártó, professor, director, I. Department of Surgery and Interventional Gastroenterology, Semmelweis University

17:00 - 17:15 **New perspectives in diagnosis and treatment of pancreas diseases**

Dr. Ákos Szűcs, associate professor, I. Department of Surgery and Interventional Gastroenterology, Semmelweis University

17:15 - 17:30 **New trends and early results in orthopaedic surgery of neuromuscular patients based on Gait Laboratory data**

Dr. Tamás Terebessy, associate professor, Department of Orthopedics, Semmelweis University

17:30 - 17:45 **Presence of polymorphonuclear derived extracellular vesicles in periprosthetic synovial fluid. A novel method for diagnosing periprosthetic joint infection**

Dr. Gábor Skaliczki, associate professor, deputy head of department, Department of Orthopedics, Semmelweis University

17:45 - 18:00 Discussion



09 NOV

Day 1. Monday

15:35 - 18:00		Neurology, Genomic Medicine, Behavioral Medicine, Psychiatry	RED
<i>Chairs: Dr. János Réthelyi, Dr. Mária Judit Molnár</i>			
15:35 - 15:40	Introduction	<i>Dr. János Réthelyi, professor, head of department, Department of Psychiatry and Psychotherapy, Semmelweis University</i>	
15:40 - 16:10	Shaping the future of Psychiatry	<i>Dr. Péter Falkai, professor, head of department, Department of Psychiatry and Psychotherapy, Ludwig - Maximilian University, Munich, Germany</i>	
16:10 - 16:30	New Generation, new mental health challenges. Adolescent mental health in the 21st century consumer societies	<i>Dr. Bea Pászthy, associate professor, head of division, I. Department of Pediatrics, Semmelweis University</i>	
16:30 - 16:50	Genomic Medicine, new perspective in the healthcare	<i>Dr. Mária Judit Molnár, professor, director, Institute of Genomic Medicine and Rare Disorders, Semmelweis University</i>	
16:50 - 17:10	Evidence based medicine of ischaemic stroke	<i>Dr. Dániel Bereczki, professor, head of department, Department of Neurology, Semmelweis University</i>	
17:10 - 17:30	Thoracic outlet syndrome redefined by ultrasonography	<i>Dr. Zsuzsanna Arányi, professor, Department of Neurology, Semmelweis University</i>	
17:30 - 17:50	Organizing and teaching behavioral medicine at Semmelweis University	<i>Dr. György Purebl, professor, director, Institute of Behavioral Sciences, Semmelweis University</i>	
17:50 - 18:00	Discussion		
15:35 - 18:00		Pediatrics	BLUE
<i>Chairs: Dr. Attila J. Szabó, Dr. Tivadar Tulassay</i>			
15:35 - 16:05	Is the peritoneal dialysis biocompatibility hypothesis dead?	<i>Dr. Claus P. Schmitt, professor, Centre for Pediatric and Adolescent Medicine / Pediatric Nephrology, Ruprecht-Karls University, Heidelberg, Germany</i>	
16:05 - 16:35	A new approach to ion-fluid homeostasis	<i>Dr. Jens Titze, professor, Department of Cardiovascular and Metabolic Disorders, Duke-NUS Singapore and University of Erlangen, Singapore</i>	
16:35 - 16:55	New therapeutics in pediatric oncology	<i>Dr. Balázs Gyórfy, professor, II. Department of Pediatrics, Semmelweis University</i>	
16:55 - 17:25	Comprehensive Cardiorespiratory Monitoring and Mathematical Modeling: The Road to Precision Medicine in Neonatology	<i>Dr. István Seri, professor, I. Department of Pediatrics, Semmelweis University</i>	
17:25 - 17:45	Novel additional treatments for better outcome of asphyxiated neonates undergoing hypothermia treatment	<i>Dr. Miklós Szabó, associate professor, head of division, I. Department of Pediatrics, Division of Neonatology, Semmelweis University</i>	
17:45 - 18:00	Discussion		

DETAILED SCIENTIFIC PROGRAMME

SEMMELWEIS 250 ONLINE CLINICAL CONFERENCE



10 NOV

Day 2. Tuesday

08:00 - 08:30	PLENARY SESSION	GOLD
08:00 - 08:05	Introduction <i>Dr. Attila J. Szabó</i> , professor, vice-rector for Clinical Affairs; president of the Clinical Centre; head of department, I. Department of Pediatrics, Semmelweis University	
08:05 - 08:30	Semmelweis: 1818-2020 <i>Dr. Didier Pittet</i> , director, Infection Control Programme and World Health Organization (WHO) Collaborating Centre on Patient Safety, University of Geneva Hospitals and Faculty of Medicine	
08:30 - 08:45	Break	
08:45 - 10:45	PARALLEL SESSIONS	
08:45 - 10:45	Transplantation Medicine, Cardiac and Vascular Surgery (Surgery II.) <i>Chairs: Dr. Péter Sótónyi, Dr. László Piros</i>	GOLD
08:45 - 09:15	Advances in Open Surgical and Endovascular Treatment of Abdominal Aortic Aneurysms <i>Dr. Peter Gloviczki</i> , professor and Chair Emeritus, Division of Vascular and Endovascular Surgery; Editor-In-Chief, Journal of Vascular Surgery, Mayo Clinic, USA	
09:15 - 09:35	Heart transplantation and artificial heart program at Semmelweis University <i>Dr. István Hartyánszky</i> , associate professor, head of department, associate professor, Department of Cardiac Surgery, Heart and Vascular Center, Semmelweis University	
09:35 - 09:55	CYP enzyme monitoring during liver transplantation <i>Dr. László Kóbori</i> , professor, head of department, Department of Transplantation and Surgery, Semmelweis University	
09:55 - 10:15	Bloodless Liver Transplantation, Trends and Challenges in Anesthesia and Intensive Care <i>Dr. János Fazakas</i> , associate professor, Department of Transplantation and Surgery, Semmelweis University	
10:15 - 10:35	Pulmonary transplantation in Hungary <i>Dr. Ferenc Rényi-Vámos</i> , associate professor, head of department, Department of Thoracic Surgery, Semmelweis University	
10:35 - 10:45	Discussion	
08:45 - 10:45	Pulmonology, Medical Imaging <i>Chairs: Dr. Veronika Müller, Dr. György Losonczy, Dr. Viktor Bérczi</i>	RED
08:45 - 08:50	Introduction <i>Dr. Veronika Müller</i> , professor, head of department, Department of Pulmonology, Semmelweis University	
08:50 - 09:20	Interstitial lung diseases: diagnostic challenges of hypersensitivity pneumonitis <i>Dr. Martina Vasakova</i> , professor, head of department, First Faculty of Medicine, Charles University and Thomayer Hospital; President, Czech Pneumologic and Physiological Society, Czech Republic	
09:20 - 09:40	Airway diseases: New therapeutic challenges in asthma <i>Dr. Lilla Tamási</i> , professor, vice-president, Department of Pulmonology, Semmelweis University	
09:40 - 10:00	Cardiovascular prevention guided by imaging: a new paradigm <i>Dr. Pál Maurovich-Horvat</i> , director, Medical Imaging Centre; associate professor, Heart and Vascular Centre, Semmelweis University	
10:00 - 10:30	The Role of CT in Covid-19 pandemic <i>Dr. Gianluca Pontone</i> , professor, director, Cardiovascular Imaging Department, Centro Cardiologico Monzino IRCCS, University of Milan, Italy	
10:30 - 10:45	Discussion	



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Day 2. Tuesday

08:45 - 10:45	Dentistry	BLUE
<i>Chairs: Dr. Péter Hermann, Dr. Gábor Gerber</i>		
08:45 - 09:00	New Perspectives on Vertical and Horizontal Ridge Augmentation <i>Dr. István Urbán, CEO, Urbán Dental</i>	
09:00 - 09:15	Orthognathic and orthodontic care of patients with orofacial clefts from infancy to adulthood <i>Dr. Bálint Nemes, assistant professor, Department of Pediatric Dentistry and Orthodontics, Semmelweis University</i>	
09:15 - 09:30	The oral cavity and the systemic health - a bidirectional interrelationship <i>Dr. István Gera, professor emeritus, Department of Periodontology, Semmelweis University</i>	
09:30 - 09:45	Novel trends in oral and maxillofacial surgery <i>Dr. Zsolt Németh, associate professor, head of department, Department of Oro-Maxillofacial Surgery and Stomatology, Semmelweis University</i>	
09:45 - 10:00	Digital dentistry: the future has just begun <i>Dr. Judit Borbély, associate professor, Department of Prosthodontics, Semmelweis University</i>	
10:00 - 10:15	Dental care and possibility of teledentistry during the COVID-19 pandemic <i>Dr. Orsolya Németh, associate professor, head of department, Department of Community Dentistry, Semmelweis University</i>	
10:15 - 10:30	New perspectives in periodontal reconstructive therapy <i>Dr. Péter Windisch, professor, head of department, Department of Periodontology, Semmelweis University</i>	
10:30 - 10:45	Discussion	
10:45 - 11:00	Break	
11:00 - 13:00	PARALLEL SESSIONS	
11:00 - 13:00	Hematology, Endocrinology, Dialysis (Internal Medicine I.)	GOLD
<i>Chairs: Dr. Tamás Masszi, Dr. Uwe Heemann</i>		
11:00 - 11:20	Dialysis: Risk stratification and measures to improve survival <i>Dr. Uwe Heemann, professor, head of department, Department of Nephrology, Klinikum rechts der Isar Technical University, Germany</i>	
11:20 - 11:40	CAR T cell therapy <i>Dr. Tamás Masszi, professor, head of department, Department of Internal Medicine and Hematology; vice-dean for education, Semmelweis University</i>	
11:40 - 11:55	New strategies in the treatment of acute myeloid leukemia <i>Dr. Péter Farkas, head physician, Department of Internal Medicine and Hematology; vice-dean for education, Semmelweis University</i>	
11:55 - 12:15	Perspective for circulating microRNAs in the diagnosis of endocrine neoplasms <i>Dr. Péter Igaz, professor, head of the Department of Endocrinology, Department of Internal Medicine and Oncology, Semmelweis University</i>	
12:15 - 12:35	Diagnosis of Primary Immunodeficiency <i>Dr. Kimberly C. Gilmour, consultant clinical scientist, Clinical Lead Immunology and Director of Cell Therapy, Camelia Botnar Laboratories, Great Ormond Street Hospital for Children NHS Foundation Trust</i>	
12:35 - 12:50	Central European complement diagnostic centre at Semmelweis University <i>Dr. Zoltán Prohászka, professor, laboratory director, Department of Internal Medicine and Hematology; vice-dean for education, Semmelweis University</i>	
12:50 - 13:00	Discussion	



10 NOV

Day 2. Tuesday

11:00 - 13:00	Pathology	RED
<i>Chairs: Dr. András Matolcsy, Dr. Mikael Björnstedt, Dr. András Kiss</i>		
11:00 - 11:30	Redox-modulation - a novel approach in the treatment of resistant tumors <i>Dr. Mikael Björnstedt, professor, head of Clinical Pathology & Cytology, Karolinska University Hospital, Sweden</i>	
11:30 - 11:50	Identification of novel therapeutic targets and analysis of clonal evolution in hematological malignancies using next generation sequencing <i>Dr. Csaba Bődör, senior research fellow, I. Department of Pathology and Experimental Cancer Research, Semmelweis University</i>	
11:50 - 12:20	Oncogenic antigen receptor signalling in B-cell malignancies <i>Dr. Hendrik Veelken, professor, medical chair, Department of Hematology, Leiden University Medical Center, The Netherlands</i>	
12:20 - 12:50	Origin and development of leukaemic clone, biology of childhood leukaemias <i>Dr. Jan Zuna, professor, CLIP (Childhood Leukaemia Investigation Prague), Second Faculty of Medicine, Department of Paediatric Haematology and Oncology, Charles University, Czech Republic</i>	
12:50 - 13:00	Discussion	
11:00 - 13:00	Urology, ENT (Surgery III.)	BLUE
<i>Chairs: Dr. Péter Nyirády, Dr. Georg Mathias Sprinzl</i>		
11:00 - 11:25	Tips for a successful career as a physician researcher <i>Dr. Shahrokh F. Shariat, professor and chairman, Department of Urology, Comprehensive Cancer Center, University of Vienna, Austria</i>	
11:25 - 11:40	Current microsurgical treatment options in male infertility <i>Dr. Zsolt Kopa, associate professor, Department of Urology, Andrology Centre, Semmelweis University</i>	
11:40 - 11:55	Treatment strategies in prostate cancer <i>Dr. Péter Nyirády, professor, head of department, Department of Urology, Semmelweis University</i>	
11:55 - 12:20	Implantable hearing devices - state of the art <i>Dr. Georg Mathias Sprinzl, professor, head of department, Department of Otorhinolaryngology, Karl Landsteiner Private University, Semmelweis University, Austria</i>	
12:20 - 12:35	Modern treatment methods in head and neck tumors <i>Dr. László Tamás, professor, head of department, Department of Otorhinolaryngology and Head and Neck Surgery, Semmelweis University</i>	
12:35 - 12:50	Endoscopic methods in endonasal and endolaryngeal surgery <i>Dr. Zoltán Fent, associate professor, Department of Otorhinolaryngology, Head- and Neck Surgery, Semmelweis University</i>	
12:50 - 13:00	Discussion	
13:00 - 13:45	Break	
13:45 - 14:00	Poster Award Ceremony	GOLD



10 NOV

Day 2. Tuesday

14:00 - 16:00 PARALLEL SESSIONS

14:00 - 16:00 Diabetology, Osteology (Internal Medicine II.)

GOLD

Chairs: *Dr. István Takács, Dr. Mika Kivimäki*

14:00 - 14:25 **New opportunities in the treatment of osteoporosis**

Dr. Juraj Payer, professor, head of department, first vice-dean, Faculty of Medicine, V. Department of Internal Medicine, Comenius University, Slovakia

14:25 - 14:45 **Vitamin D - supplement it or not?**

Dr. István Takács, professor, head of department, Department of Internal Medicine and Oncology, Semmelweis University

14:45 - 15:10 **Effects of stress on the development and progression of diabetes**

Dr. Mika Kivimäki, professor, Department of Epidemiology and Public Health, University College London, United Kingdom

15:10 - 15:30 **Cardiovascular autonomic neuropathy**

Dr. Péter Kempler, professor, I. Department of Internal Medicine, Semmelweis University

15:30 - 15:50 **Metabolic trajectories before the diagnosis of type 2 diabetes**

Dr. Ádám Tabák, assistant professor, Department of Internal Medicine and Oncology and Department of Public Health, Semmelweis University

15:50 - 16:00 **Discussion**

14:00 - 16:00 Dermatology, Ophthalmology

RED

Chairs: *Dr. Nóra Szentmáry, Dr. Péter Holló*

14:00 - 14:20 **Manifestations of drug eruptions**

Dr. Miklós Sárdy, professor, head of department, Department of Dermatology and Venerology, Semmelweis University

14:20 - 14:35 **Interdisciplinary management of neurosyphilis**

Dr. Béla Tamási, assistant professor, Head of National STD Center, Department of Dermatology and Venerology, Semmelweis University

14:35 - 14:55 **History of ancient and modern cataract surgery**

Dr. Zsolt Zoltán Nagy, professor, head of Department, Department of Ophthalmology, Semmelweis University

14:55 - 15:10 **Artificial vision and artificial intelligence in eye medicine**

Dr. Miklós Resch, associate professor, Department of Ophthalmology, Semmelweis University

15:10 - 15:30 **Diabetic eye disease**

Dr. Zsuzsanna Récsán, associate professor, deputy head of department, Department of Ophthalmology, Semmelweis University

15:30 - 15:50 **Age-related macular degeneration**

Dr. András Papp, associate professor, Department of Ophthalmology, Semmelweis University

15:50 - 16:00 **Discussion**

16:00 - 16:15 Break



10 NOV

Day 2. Tuesday

16:15 - 17:45 PARALLEL SESSIONS

16:15 - 17:45 Intensive Care and Emergency Medicine

GOLD

Chairs: *Dr. Endre Zima, Dr. Balázs Hauser*

- 16:15 - 16:35 **Organizing and teaching intensive care medicine at Semmelweis University**
Dr. János Gál, professor, head of department, Department of Anaesthesiology and Intensive Therapy, Semmelweis University
- 16:35 - 16:55 **Qou vadis emergency medicine? New trends and a brand-new change of attitudes in acute patient care**
Dr. Péter Kanizsai, associate professor, head of department, Department of Emergency Medicine, Semmelweis University; University of Pécs
- 16:55 - 17:15 **Organizing and teaching emergency medicine at Semmelweis University**
Dr. Szabolcs Gaál, deputy head of department, Emergency Department, Semmelweis University
- 17:15 - 17:35 **Organizing and teaching CPR at Semmelweis University**
Dr. Balázs Hauser, associate professor, Department of Anesthesiology and Intensive Therapy, Semmelweis University
- 17:35 - 17:45 **Discussion**

16:15 - 17:45 Gyneacology and Obstetrics, Oncology

RED

Chairs: *Dr. Nándor Ács, Dr. Balázs Lintner*

- 16:15 - 16:35 **Results and Challenges of Obstetrics and Gynaecology in Hungary**
Dr. Nándor Ács, professor, head of department, Department of Obstetrics and Gynaecology, Semmelweis University
- 16:35 - 16:55 **Assisted reproduction: new challenges and perspectives**
Dr. János Urbancsek, professor, head of division, Division of Assisted Reproduction, Department of Obstetrics and Gynecology, Semmelweis University
- 16:55 - 17:15 **Sentinel lymph node in Endometrial Cancer**
Dr. Balázs Lintner, head of division, Division of Oncology, Department of Obstetrics and Gynecology, Semmelweis University
- 17:15 - 17:35 **Immunological construction of the tumor-host interface in ovarian cancer**
Dr. A. Marcell Szász, head of science, Department of Oncology and Internal Medicine, Semmelweis University
- 17:35 - 17:45 **Discussion**

17:45 - 18:00 CONCLUDING REMARKS

GOLD



09 NOV

Day 1. Monday

14:00 - 15:20 POSTER SESSIONS

14:00 - 15:20 SESSION 1: Psychiatry, Neurology, Behavioral Medicine

GOLD

Chairs: Dr. Zsuzsanna Arányi, Dr. János Réthelyi

- 14:00 - 14:05 **Opening of the Session**
- 14:05 - 14:10 **Neurophysiological changes with age in adult ADHD: an Event Related Potential (ERP) study**
Dr. Brigitta Kakuszi, Semmelweis University
- 14:10 - 14:15 **Investigation of anti-NMDA-receptor antibodies in first episode psychosis patients**
Dr. Réka Ildikó Zsigmond, Semmelweis University
- 14:15 - 14:20 **EEG functional connectivity and network structure during memory maintenance mark vulnerable brain networks in Mild Cognitive Impairment**
Dr. Zsuzsanna Fodor, Semmelweis University
- 14:20 - 14:25 **Correlation between visual perception and emotion recognition in schizophrenia: an ERSP-study**
Dr. Hajnalka Molnár, Semmelweis University
- 14:25 - 14:30 **The electrophysiological background of cognitive flexibility in adult ADHD**
Dr. Sára Bálint, Semmelweis University
- 14:30 - 14:35 **Social anxiety disorder and pathological internet use among adolescents**
Dr. Gergely Mészáros, Semmelweis University
- 14:35 - 14:40 **Genes involved in the maternal adaptation of the central nervous system - an RNA-Seq study in the rat**
Dr. András Lékó, Semmelweis University
- 14:40 - 14:45 **Relationship between therapeutic response to major depressive disorder and the intestinal microbiome**
Dr. Zsolt Huszár, Semmelweis University
- 14:45 - 14:50 **Altered biological motion processing in patients with schizophrenia: a high-density EEG event related potential study**
Dr. Máté Baradits, Semmelweis University
- 14:50 - 14:55 **Genetic epidemiology analysis of the NOTCH3 gene mutations in Hungary**
Dr. Fruzsina Szabó, Semmelweis University
- 14:55 - 15:00 **Interictal epileptiform discharges associated with sleep spindles in the human anterior and mesodorsal thalamus**
Dr. Orsolya Szalárdy, Semmelweis University
- 15:00 - 15:05 **Delayed Transient Hyperemic Response recorded by transcranial Doppler sonography. Recommendation of a new common carotid artery compression index**
Dr. Rita Stang, Semmelweis University
- 15:05 - 15:10 **Combined functional and structural evaluation of language processing augmented with network analysis reveals task-specific lateralization differences - a DTI-fMRI correlation study**
Dr. Gyula Gyebnár, Semmelweis University
- 15:10 - 15:15 **Investigation of the cognitive performance in adult Attention Deficit/Hyperactivity Disorder and Borderline Personality Disorder using the CANTAB neuropsychological software**
Dr. Szilvia Somogyi, Semmelweis University
- 15:15 - 15:20 **Closing Remarks**



09 NOV

Day 1. Monday

14:00 - 15:20 POSTER SESSIONS

14:00 - 15:25 SESSION 2: Cardiology, Hematology, Medical Imaging

RED

Chairs: Dr. Péter Lakatos, Dr. Tamás Radovits

- 14:00 - 14:05 **Opening of the Session**
- 14:05 - 14:10 **Radiomic Analysis in Solid Tumors of the Pancreas**
Dr. Veronica Frank, Semmelweis University
- 14:10 - 14:15 **A different cardiac resynchronization therapy technique might be needed in some patients with nonspecific intraventricular conduction disturbance**
Dr. András Vereckei, Semmelweis University
- 14:15 - 14:20 **T2 „black out” phenomenon in acute stroke imaging**
Dr. Nóra Nyilas, Semmelweis University
- 14:20 - 14:25 **Association between gut microbial diversity and various cardiovascular imaging phenotypes**
Dr. Helga Szabó, Semmelweis University
- 14:25 - 14:30 **Cardiovascular Ultrasound Coexistence of Aortic Valve Stenosis and Cardiac Amyloidosis: Echocardiographic and Clinical Significance**
Dr. Gergely Peskó, Semmelweis University
- 14:30 - 14:35 **Challenges in the management of antiplatelet therapy in acute coronary syndrome (ACS) patients with thrombocytopenia**
Dr. Ildikó Istenes, Semmelweis University
- 14:35 - 14:40 **The importance of MR Imaging in stroke**
Dr. Máté Magyar, Semmelweis University
- 14:40 - 14:45 **Combined Upfront Immunosuppression for Elderly Patients with Acquired Hemophilia A: CyDRi is a Low Toxicity Regimen Resulting in a High Rate of Rapid Remission**
Dr. Barbara Simon, Semmelweis University
- 14:45 - 14:50 **Hepatitis C Virus (HCV) Infection and Malignant Lymphomas: Aspects of Care for an HCV Positive Marginal Zone Lymphoma Patient**
Dr. Anikó Folhoffer, Semmelweis University
- 14:50 - 14:55 **Cases of extramedullary myeloid leukemia at the 1st Department of Internal Medicine, Semmelweis University in Hungary**
Dr. Ilona Tárkányi, Semmelweis University
- 14:55 - 15:00 **Liquid Biopsy-Based Monitoring of Ezh2 Mutations in Follicular Lymphoma: Implications for Non-Invasive Disease Monitoring and Targeted Therapy**
Dr. Bence Bártai, Semmelweis University
- 15:00 - 15:05 **Tyrosine Kinase Inhibitor Therapy in Chronic Myeloid Leukemia – A Single Center Experience**
Dr. Júlia Weisinger, Semmelweis University
- 15:05 - 15:10 **Dissection of subclonal evolution by temporal mutation profiling in chronic lymphocytic leukemia patients treated with ibrutinib**
Dr. Ambrus Gángó, Semmelweis University
- 15:10 - 15:15 **Observations in patients diagnosed with histiocytosis, a rare myeloid neoplasm**
Dr. Klára Tímea Lőrincz, Semmelweis University
- 15:15 - 15:20 **HLA associations of asparaginase allergy**
Dr. Dániel Erdélyi, Semmelweis University
- 15:20 - 15:25 **Closing Remarks**



09 NOV

Day 1. Monday

14:00 - 15:20 POSTER SESSIONS

14:00 - 15:20 SESSION 3: Case reports, Dermatology, Intensive Care, Public Health

BLUE

Chairs: *Dr. Péter Holló, Dr. Attila Szijártó, Dr. Barna Vásárhelyi*

- 14:00 - 14:05 **Opening of the Session**
- 14:05 - 14:10 **Preservative hypersensitivity according to different ages**
Dr. Dominik Németh, Semmelweis University
- 14:10 - 14:15 **The effect of high-NaCl intake on skin tissue remodeling**
Dr. Csenge Pajtók, Semmelweis University
- 14:15 - 14:20 **Quantitative nonlinear optical assessment of the connective tissue structure and dystrophic calcification in patients with pseudoxanthoma elasticum**
Dr. Luca Fésűs, Semmelweis University
- 14:20 - 14:25 **Etiology and trigger factors of adverse food reactions in 281 adult patients**
Dr. Dóra Solymosi, Semmelweis University
- 14:25 - 14:30 **Carotid artery fibromuscular dysplasia: an under-diagnosed cause cryptogenic recurrent ischaemic stroke**
Dr. Miklós Krepuska, Dr. Renad-Heyam Abdelrahman, Semmelweis University
- 14:30 - 14:35 **An emerging suicidal method: sodium-nitrite poisoning**
Dr. Péter Misnyovszki, Semmelweis University
- 14:35 - 14:40 **Application of intraoral scanner to identify monozygotic twins**
Dr. Botond Simon, Semmelweis University
- 14:40 - 14:45 **The long term follow up of the Myozyme enzyme replacement therapy in patients with late-onset Pompe disease**
Dr. Beáta Borsos, Semmelweis University
- 14:45 - 14:50 **MICy - a novel technique for rapid minimal inhibitory concentration (MIC) determination with flow cytometry**
Dr. András Kállai, Semmelweis University
- 14:50 - 14:55 **Characteristics and risk factors of treatment failure with intravenous tigecycline monotherapy among adult patients with severe Clostridioides (Clostridium) difficile infection: a single-center, observational cohort study**
Dr. Bálint Gergely Szabó, Semmelweis University
- 14:55 - 15:00 **Complex Health Education Program for adolescents**
Dr. Dániel Eörsi, Semmelweis University
- 15:00 - 15:05 **Central Eastern European Angioedema Reference Center at the Semmelweis University**
Dr. Henriette Farkas, Semmelweis University
- 15:05 - 15:10 **Lung Aeration Assessed by Ultrasound in the Prediction of Postoperative Pulmonary Complications**
Dr. Marcell Szabó, Semmelweis University
- 15:10 - 15:20 **Closing Remarks**



09 NOV

Day 1. Monday

14:00 - 15:20 POSTER SESSIONS

14:00 - 15:20 SESSION 4: Pediatrics, Nephrology, Pulmonology

GREEN

Chairs: *Dr. Kálmán Tory, Dr. László Wagner*

14:00 - 14:05 Opening of the Session

14:05 - 14:10 Interstitial lung disease in CVID (GLILD): clinical presentation and comparison to CVID without ILD

Dr. Vivien Somogyi, University Hospital Heidelberg

14:10 - 14:15 Obstructive sleep apnea and hypertriglyceridaemia share common genetic background: Results of a twin study

Dr. Martina Mészáros, Semmelweis University

14:15 - 14:20 Lung function changes are more common in Marfan patients who need major thoracic surgery

Dr. Abigél Margit Kolonics-Farkas, Semmelweis University

14:20 - 14:25 The rate of re-exacerbation in patients hospitalized with eosinophil and non-eosinophilic COPD relapses

Dr. Balázs Csoma, Semmelweis University

14:25 - 14:30 Prognostic Importance of Brain-Derived Neurotrophic Factor (BDNF) in Renal Transplantation

Dr. Ágnes Molnár, Semmelweis University

14:30 - 14:35 Coagulation profile of kidney transplanted children, using Rotational Thromboelastometry (ROTEM)

Dr. László Berta, Semmelweis University

14:35 - 14:40 Podocin regulates the nephrin-nephrin distance in the glomerular pore

Dr. Violetta Antal, Semmelweis University

14:40 - 14:45 New insights into the pathophysiology and classification of complement-mediated renal diseases

Dr. Dorottya Csuka, Semmelweis University

14:45 - 14:50 Multi-organ damage following perinatal asphyxia in rat model

Dr. Tamás Lakat, Semmelweis University

14:50 - 14:55 Long-term effects of perinatal asphyxia on multi-organ injury

Dr. Ákos Roland Tóth, Semmelweis University

14:55 - 15:00 Long-term neurodevelopmental outcome of neonates with acute perinatal stroke

Dr. Eszter Vojcek, Semmelweis University

15:00 - 15:05 Clinical significance of the mTOR pathway and metabolic profile in primary childhood rhabdomyosarcoma cases

Dr. Luca Felkai, Semmelweis University

15:05 - 15:10 Comprehensive mutation screening by targeted next-generation sequencing in pediatric acute myeloid leukemia at diagnosis

Dr. Szilvia Krizsán, Semmelweis University

15:10 - 15:15 Molecularly targeted therapy based on tumour molecular profiling in paediatric glioblastoma

Dr. Edit Brückner, Semmelweis University

15:15 - 15:20 Closing Remarks



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