



PROFESSIONAL PROGRAM

DAY 1

SEMMELWEIS 250 CLINICAL CONFERENCE 09 MARCH 2020

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| 07:30 - 08:30 | Registration, refreshments | |
| 08:30 - 10:00 | Poster Session | Dr. Barna Vásárhelyi, Dr. János Réthelyi, Dr. Tamás Radovits, Dr. Attila Szijártó |
| 10:00 - 11:00 | Opening | |
| 10:00 - 10:15 | | Dr. László Palkovics |
| 10:15 - 10:25 | | Dr. Béla Merkely |
| 10:25 - 10:30 | | Dr. Attila Szabó |
| 10:30 - 11:00 | | Dr. Orsolya Pacsay-Tomassich |
| 11:00 - 15:15 | Plenary Session | |
| 11:00 - 12:45 | Teaching clinical medicine in the 21st century | Dr. Béla Merkely |
| 11:00 - 11:05 | Introductory thoughts | Dr. Béla Merkely |
| 11:05 - 11:25 | Introduction of the new curriculum at Semmelweis University | Dr. Miklós Kellermayer |
| 11:25 - 11:55 | Teaching clinical medicine: The Harvard experience | Dr. Will Straughn |
| 11:55 - 12:25 | Career pathway for a clinician scientists in Germany - early start as a medical student | Dr. Bertram Bengsch |
| 12:25 - 12:30 | Conclusions | |
| 12:30 - 12:45 | Discussion | |
| 12:45 - 13:30 | Lunch Break | |
| 13:30 - 15:15 | Cardiovascular Medicine | Dr. Péter Ferdinandy, Dr. Béla Merkely |
| 13:30 - 14:00 | New trends in the treatment of heart failure | Dr. Béla Merkely |
| 14:00 - 14:30 | The Future of Cardiology | Dr. Thomas Lüscher |
| 14:30 - 15:00 | Interventional Cardiology: past, present, future | Dr. Christoph Bode |
| 15:00 - 15:15 | Discussion | |
| 15:15 - 15:30 | Coffee break | |

15:30 - 17:55 Parallel Sessions**15:30 - 17:55 Abdominal Surgery, Orthopedics (Surgery I) Dr. Tamás Terebessy, Dr. Béla Teleky**

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| 15:30 - 16:00 | Surgical strategies of rectal cancer in 2020 | Dr. Béla Teleky |
| 16:00 - 16:20 | Minimal invasive techniques in colorectal surgery | Dr. Gábor István |
| 16:20 - 16:35 | Minimal invasive approach in abdominal wall surgery | Dr. Lóránd Barabás |
| 16:35 - 16:55 | Modern liver surgery: The legend of Prometheus reborn | Dr. Attila Szijártó |
| 16:55 - 17:10 | New perspectives in diagnosis and treatment of pancreas diseases | Dr. Ákos Szücs |
| 17:10 - 17:25 | New trends and early results in orthopaedic surgery of neuromuscular patients based on Gait Laboratory datas | Dr. Tamás Terebessy |
| 17:25 - 17:40 | Presence of polymorphonuclear derived extracellular vesicles in periprosthetic synovial fluid. A novel method for diagnosing periprosthetic joint infection. | Dr. Gábor Skaliczki |
| 17:40 - 17:55 | Discussion | |

15:30 - 17:55 Neurology, Genomic Medicine, Behavioral Medicine, Psychiatry Dr. János Réthelyi, Dr. Mária Judit Molnár

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| 15:30 - 15:55 | Evidence based medicine of ischaemic stroke | Dr. Dániel Bereczki |
| 15:55 - 16:15 | New generation, new mental health challenges. Adolescent mental health in the 21st century consumer societies | Dr. Bea Pászthy |
| 16:15 - 16:40 | Genomic Medicine, new perspective in the healthcare | Dr. Mária Judit Molnár |
| 16:40 - 17:00 | Organizing and teaching Psychiatry at Semmelweis University | Dr. János Réthelyi |
| 17:00 - 17:20 | Thoracic outlet syndrome redefined by ultrasonography | Dr. Zsuzsanna Arányi |
| 17:20 - 17:40 | Organizing and teaching behavioral medicine at Semmelweis University | Dr. György Purebl |
| 17:40 - 17:55 | Discussion | |

15:30 - 17:55 Pediatrics Dr. Attila J. Szabó, Dr. Tivadar Tulassay

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| 15:30 - 16:00 | Is the peritoneal dialysis biocompatibility hypothesis dead? | Dr. Claus P. Schmitt |
| 16:00 - 16:30 | A new approach to ion-fluid homeostasis | Dr. Jens Titze |
| 16:30 - 16:50 | New therapeutics in pediatric oncology | Dr. Miklós Garami |
| 16:50 - 17:20 | Comprehensive Cardiorespiratory Monitoring and Mathematical Modeling: The Road to Precision Medicine in Neonatology". | Dr. István Seri |
| 17:20 - 17:40 | Novel additional treatments for better outcome of asphyxiated neonates undergoing hypothermia treatment | Dr. Miklós Szabó |
| 17:40 - 17:55 | Discussion | |



DAY 2

SEMMEWEIS 250 CLINICAL CONFERENCE 10 MARCH 2020

08:00 - 08:45 Plenary Session

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| 08:00 - 08:15 | Importance of clinical education in medical and health sciences higher education | Dr. József Bódis |
| 08:15 - 08:45 | Semmelweis: 1818-2020 | Dr. Didier Pittet |

08:45 - 10:45 Parallel Sessions

08:45 - 10:45 Transplantation Medicine, Cardiac and Vascular Surgery (II) Dr. Péter Sótónyi, Dr. László Piros

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| 08:45 - 09:15 | Advances in Open Surgical and Endovascular Treatment of Abdominal Aortic Aneurysms | Dr. Péter Gloviczki |
| 09:15 - 09:35 | Heart transplantation and artificial heart program at Semmelweis University | Dr. István Hartyánszky |
| 09:35 - 09:55 | CYP enzyme monitoring during liver transplantation | Dr. László Kóbori |
| 09:55 - 10:15 | Bloodless Liver Transplantation, Trends and Challenges in Anesthesia and Intensive Care | Dr. János Fazakas |
| 10:15 - 10:35 | Pulmonary transplantation in Hungary | Dr. Ferenc Rényi-Vámos |
| 10:35 - 10:45 | Discussion | |

08:45 - 10:45 Pulmonology, Medical Imaging Dr. Veronika Müller, Dr. György Losonczy, Dr. Viktor Bérczi

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| 08:45 - 08:50 | Introduction | Dr. Veronika Müller |
| 08:50 - 09:20 | The future of interstitial lung disease | Dr. Michael Kreuter |
| 09:20 - 09:40 | Airway diseases: New therapeutic challenges | Dr. Lilla Tamási |
| 09:40 - 10:00 | Cardiovascular prevention guided by imaging: a new paradigm | Dr. Pál Maurovich-Horvat |
| 10:00 - 10:30 | Shaping the future of Psychiatry | Dr. Peter Falkai |
| 10:30 - 10:45 | Discussion | |

08:45 - 10:45 Dentistry Dr. Péter Hermann, Dr. Gábor Gerber

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| 08:45 - 09:00 | New Perspectives on Vertical and Horizontal Ridge Augmentation | Dr. István Urbán |
| 09:00 - 09:15 | Orthognathic and orthodontic care of patients with orofacial clefts from infancy to adulthood | Dr. Bálint Nemes |
| 09:15 - 09:30 | The oral cavity and the systemic health - a bidirectional interrelationship | Dr. István Gera |
| 09:30 - 09:45 | Novel trends in oral and maxillofacial surgery | Dr. Zsolt Németh |
| 09:45 - 10:00 | Digital dentistry: the future has just begun | Dr. Judit Borbély |
| 10:00 - 10:15 | The problems with marginal fit, from the gingival blood flow to the CAD/CAM systems | Dr. János Vág |
| 10:15 - 10:30 | New perspectives in periodontal reconstructive therapy | Dr. Bálint Molnár |
| 10:30 - 10:45 | Discussion | |

10:45 - 11:00 Coffee break

11:00 - 13:00 Parallel Sessions**11:00 - 13:00 Hematology, Endocrinology, Dialysis (Internal medicine I) Dr. Tamás Masszi, Dr. Uwe Heemann**

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| 11:00 - 11:20 | Dialysis: Risk stratification and measures to improve survival | Dr. Uwe Heemann |
| 11:20 - 11:40 | CAR T cell therapy | Dr. Tamás Masszi |
| 11:40 - 11:55 | New strategies in the treatment of acute myeloid leukemia | Dr. Péter Farkas |
| 11:55 - 12:15 | Perspective for circulating microRNAs in the diagnosis of endocrine neoplasms | Dr. Péter Igaz |
| 12:15 - 12:35 | Challenges in the adult inborn errors of metabolism (Phenylketonuria) | Dr. Péter Reismann |
| 12:35 - 12:50 | Central European complement diagnostic center at Semmelweis University | Dr. Zoltán Prohászka |
| 12:50 - 13:00 | Discussion | |

11:00 - 13:00 Pathology Dr. András Matolcsy, Dr. András Kiss

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| 11:00 - 11:30 | Redox modulation for the treatment of pancreas and liver cancer | Dr. Mikael Björnstedt |
| 11:30 - 11:50 | Identification of novel therapeutic targets and analysis of clonal evolution in hematological malignancies using next generation sequencing | Dr. Csaba Bödör |
| 11:50 - 12:20 | Oncogenic antigen receptor signalling in B-cell malignancies | Dr. Hendrik Veelken |
| 12:20 - 12:50 | Origin and development of leukaemic clone, biology of childhood leukaemias | Dr. Jan Zuna |
| 12:50 - 13:00 | Discussion | |

11:00 - 13:00 Urology, ENT (Surgery III) Dr. Imre Romics, Dr. Georg Mathias Sprinzl

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| 11:00 - 11:25 | Tips for a successful career as a physician researcher | Dr. Shahrokh F. Shariat |
| 11:25 - 11:40 | Treatment strategies in prostate cancer | Dr. Péter Nyirády |
| 11:40 - 11:55 | Current microsurgical treatment options in male infertility | Dr. Zsolt Kopa |
| 11:55 - 12:20 | Rehabilitation of hearing impaired patients with hearing implants - past, present and future | Dr. Georg Mathias Sprinzl |
| 12:20 - 12:35 | Modern treatment methods in head and neck tumors | Dr. László Tamás |
| 12:35 - 12:50 | Endoscopic methods in endonasal and endolaryngeal surgery | Dr. Zoltán Fent |
| 12:50 - 13:00 | Discussion | |

13:00 - 13:45 Lunch break**13:45 - 14:00 Poster Award Ceremony****14:00 - 16:00 Parallel Sessions****14:00 - 16:00 Diabetology, Osteology (Internal Medicine II) Dr. István Takács, Dr. Mika Kivimäki**

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| 14:00 - 14:25 | New opportunities in the treatment of osteoporosis | Dr. Juraj Payer |
| 14:25 - 14:45 | Vitamin D - supplement it or not? | Dr. István Takács |
| 14:45 - 15:10 | Effects of stress on the development and progression of diabetes | Dr. Mika Kivimäki |
| 15:10 - 15:30 | Cardiovascular autonomic neuropathy | Dr. Péter Kempler |
| 15:30 - 15:50 | Metabolic trajectories before the diagnosis of type 2 diabetes | Dr. Ádám Tabák |
| 15:50 - 16:00 | Discussion | |

14:00 - 16:00 Dermatology, Ophthalmology Dr. Nóra Szentmáry, Dr. Péter Holló

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| 14:00 - 14:20 | Manifestations of drug eruptions | Dr. Miklós Sárdy |
| 14:20 - 14:35 | Interdisciplinary management of neurosyphilis | Dr. Béla Tamási |
| 14:35 - 14:55 | Modern cataract surgery | Dr. Zoltán Zsolt Nagy |
| 14:55 - 15:10 | Artificial vision and artificial intelligence in eye medicine | Dr. Miklós Resch |
| 15:10 - 15:30 | Prevention of diabetic complications in eye medicine | Dr. Zsuzsanna Récsán |
| 15:30 - 15:50 | Age related macular degeneration | Dr. András Papp |
| 15:50 - 16:00 | Discussion | |

16:00 - 16:15 Coffee break

16:15 - 17:45 Parallel Sessions**16:15 - 17:45 Intensive Care and Emergency Medicine Dr. László Zubek, Dr. Tamás Berényi**

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| 16:15 - 16:35 | Organizing and teaching intensive care medicine at Semmelweis University | Dr. János Gál |
| 16:35 - 16:55 | Qou vadis emergency medicine? New trends and a brand-new change of attitudes in acute patient care | Dr. Péter Kanizsai |
| 16:55 - 17:15 | Organizing and teaching emergency medicine at Semmelweis University | Dr. Péter Vass |
| 17:15 - 17:35 | Organizing and teaching CPR at Semmelweis University | Dr. Hauser Balázs |
| 17:35 - 17:45 | Discussion | |

16:15 - 17:45 Gynaecology and Obstetrics, Oncology Dr. Zsolt Tulassay, Dr. Nándor Ács

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| 16:15 - 16:35 | Results and Challenges of Obstetrics and Gynaecology in Hungary | Dr. Nándor Ács |
| 16:35 - 16:55 | Assisted reproduction: new challenges and perspectives | Dr. János Urbancsek |
| 16:55 - 17:15 | Sentinel lymph node in Endometrial Cancer | Dr. Balázs Lintner |
| 17:15 - 17:35 | Some aspects of Oncology at our University | Dr. Magdolna Dank |
| 17:35 - 17:45 | Discussion | |

17:45 - 18:00 Concluding remarks