

Thursday, 25 April, 2019

## 9.00 Opening Ceremony

TEOKJ 112/II. Congress Hall

### **Róza Ádány**

President of the Hungarian Association of Public Health Training and Research Institutions

### **László Papp**

Mayor of the City of Debrecen

### **Zoltán Szilvássy**

Rector of the University of Debrecen

### **Judit Zsuga**

Dean of the Faculty of Public Health, University of Debrecen

## 9.20 Opening Plenary Session

TEOKJ 112/II. Congress Hall

CHAIRPERSONS:

**Róza Ádány**

**Iveta Nagyova**

### **Ildikó Horváth**

Minister of State for Health of Hungary  
*Three generations for equity in health*

### **Martin McKee**

Past President of EUPHA  
*Fake news – why should the public health community worry and what can we do about it?*

### **Ledia Lazeri**

WHO Representative and Head of Country Office in Hungary  
*Revitalizing primary health care for the 21st century: more equity and better health coverage towards the Sustainable Development Goals*

10.50–11.10 Coffe break

## Workshop I. – TEOKJ 112/II. Congress Hall

### Taxation policies regarding sugar-sweetened beverages (SSB) and other junk foods. Learning from experience

CHAIRPERSONS:

**Piotr Romaniuk**

**Miklós Szócska**

11.10 W I/1. .... 236

#### **Piotr Romaniuk**

*Modifying dietary behaviours with the taxation policies: a review of the existing solutions*

11.30 W I/2. .... 236

#### **Krzysztof Kaczmarek**

*Implementation of the policy: theoretical framework*

11.45 W I/3. .... 237

#### **Katarzyna Brukało**

*Policy evaluation – Key to success*

12.00 W I/4. .... 237

#### **Miklós Szócska**

*Hungarian experience: political process, policy in practice – challenges and outcomes*

12.20 **Discussion**

12.30-13.30 Lunch

Session I. – DPM II. Meeting Room

Vulnerability and health

CHAIRPERSONS:

**István Szilárd**  
**Andrzej M. Fal**

- 11.10 S I/1. .... 238  
**Zsuzsa Rákossy, Zoltán Gurály, Emese Nagy-Borsy, Blanka Szeitl, István Kiss**  
*Integrated development of social and health care system for homeless people*
- 11.20 S I/2. .... 238  
**Zoltán Katz, Erika Marek, István Szilárd**  
*Fighting against misleading information on vaccination – who's responsibility?*
- 11.30 S I/3. .... 239  
**Péter Csizmadia**  
*ADVANTAGE Joint Action: A comprehensive approach to promote a disability-free advanced age in Europe*
- 11.40 S I/4. .... 239  
**Dávid Sipos, Attila Pandur, András Kedves, Veronika Varga, Melinda Csima, Imre Repa, Árpád Kovács**  
*Possible predictors of burnout among radiographers*
- 11.50 S I/5. .... 240  
**István Szilárd, Lajos Bogár, Erika Marek, Kia Goolesorkhi, Zoltan Katz**  
*Migration Health as a new interdisciplinary training field in medical education*
- 12.00 S I/6. .... 240  
**Katarina Nordeng, Dorottya Árva, András Terebessy**  
*General health and alcohol consumption of Norwegian medical students studying in Norway and abroad*
- 12.10 **Discussion**

12.30-13.30 Lunch

Poster Session I. – PT-0-309 Poster Hall

CHAIRPERSONS:

**János Sándor**  
**Marek Majdan**

- 11.10 P I/1. .... 261  
**Jacek Kozakiewicz, Aleksandra Sommerlik Biernat, Anna Lis-Święty, Tadeusz Urban**  
*Presentation of the poster campaign "Imperative for a good health"*
- 11.20 P I/2. .... 261  
**Jana Babjakova, Lubica Argalasova, Diana Vondrova, Alexandra Filova, Ivana Kachutova, Jana Jurkovicova**  
*Alcohol consumption and smoking status in Slovak adolescents*
- 11.30 P I/3. .... 262  
**Aleksandra Antoniak, Dorota Stołtny, Edyta Fatyga, Magdalena Piłot, Sylwia Dzięgielewska-Gęsiak**  
*Do we need to educate vegetarians about vegetarian diet*
- 11.40 P I/4. .... 262  
**Erand Llanaj, Ferenc Vincze, Zsigmond Kósa, Ádány Róza**  
*Macro- and micro-nutrient intake among Hungarian general and Roma adults*
- 11.50 P I/5. .... 263  
**Aleksandra Cybulska, Edyta Fatyga, Sylwia Dzięgielewska-Gęsiak, Teresa Kokot, Małgorzata Muc-Wierzgoń**  
*Evaluation of adipose tissue and body composition among Polish seniors – pilot study*
- 12.00 P I/6. .... 264  
**Evelin Polanek, Alexandra Soós, Edit Paulik, Andrea Szabó**  
*Is there any association between vitamin D and male fertility?*
- 12.10 P I/7. .... 264  
**Szabolcs Lovas, Balázs Ádám**  
*Potentially harmful chemical contamination in closed spaces of transportation and trade*
- 12.20 P I/8. .... 265  
**Orsolya Bujdosó, László Pál, Attila Nagy, Ervin Árnys, Róza Ádány, János Sándor, Martin McKee, Sándor Szűcs**  
*Assessment of health risk from consumption of recorded and unrecorded spirits containing alcohols other than ethanol*

12.30-13.30 Lunch

## Thursday, 25 April, 2019

### 13.30 Plenary Session I.

TEOKJ 112/II. Congress Hall

- Iveta Nagyova** PL I/1. .... 242  
President-elect of EUPHA  
*Knowledge to Action? Evidence-Informed Public Health in V4*
- Andrzej M. Fal** PL I/2. .... 242  
President of the Polish Society of Public Health  
*Noncommunicable diseases and demographics – a combined threat to the public health financing*
- Martin Dlouhý** PL I/3. .... 243  
President of the Czech Society of Social Medicine and Health Care Management  
*The science and art of the cost-of-illness studies: a mental health example*

### Session II. – TEOKJ 112/II. Congress Hall

#### Mental health and health behaviour

CHAIRPERSONS:

**Karolina Kósa**  
**Martin Dlouhý**

- 14.30 S II/1. .... 244  
**Karolina Kósa, Éva Bíró**  
*Trends of the mental health of the Hungarian adult population between 2000-2019*
- 14.40 S II/2. .... 244  
**Csaba Erdős, Andrea Szabó, Edina Horváth, Paulik Edit**  
*Factors affecting childhood overweight and obesity among primary school students*
- 14.50 S II/3. .... 245  
**Veronika Bettina Zagraj, Anett Bartkóné Kovács, Andrea Soós, András Török, László Barkai, Andrea Lukács**  
*Psychological well-being of mothers of young children with type 1 diabetes*
- 15.00 S II/4. .... 246  
**Judit Diószegi, Péter Pikó, Zsigmond Kósa, János Sándor, Róza Ádány**  
*Taste and food preferences of the Hungarian Roma population*
- 15.10 S II/5. .... 246  
**Szilvia Fialat, Róza Ádány**  
*Using SNP-based risk estimates in identification of susceptibility to cardiovascular diseases*
- 15.20 S II/6. .... 247  
**János Girán, István Kiss, Tibor Kiss**  
*Shaping a health-enabling and resilient urban environment*

- 15.30 S II/7. .... 248  
**Maria Ganczak, Marta Kozybska, Artur Kotwas, Bartosz Rudnicki, Tomasz Nogal, Jacek Kopec**  
*Trends in disease burden for major conditions in V4 countries*

15.40 **Discussion**

### Poster Session II. – PT-0-309 Poster Hall

CHAIRPERSONS:

**Edit Paulik**  
**Helena Hnilicová**

- 14.40 P II/1. .... 266  
**Emőke Kiss-Tóth, Małgorzata Wasilewska, Olha Sopol, Beatrix Varga, Marta Mandziuk, Olena Lototska, Péter Sasvári, Halyna Krytska, Józef Bergier, Andrea Lukács**  
*Life orientation of university students: an international study in Hungary, Poland and Ukraine*
- 14.50 P II/2. .... 266  
**Erika Balogh, Nóra Faubl, Zoltán Wagner, Zsuzsanna Füzesi, István Kiss**  
*Cigarette use and intention to quit among medical students in Pécs, Hungary*
- 15.00 P II/3. .... 267  
**Eszter Labancz, Katalin Balázs, Ildikó Kuritárné Szabó**  
*Comparison of pathological personality traits and quality of life in a clinical, non-clinical and undergraduate students' sample*
- 15.10 P II/4. .... 268  
**Erika Balogh, Henna Riemenschneider, András Terebessy, Ferenc Horváth, Karen Voigt, István Kiss, Zsuzsanna Füzesi, Nóra Faubl**  
*Quo vadis medicinae candidatus? Specialization and workplace preferences for medical students studying in an international environment*
- 15.20 P II/5. .... 268  
**Gabriella Nagy-Pénzes, Borbála Balogh, Éva Bíró**  
*Problematic internet activities among high school students*
- 15.30 P II/6. .... 269  
**Alexandra Sándor, Nikolett Nagy, Lilla Stella Bogdán, Gábor Papp, Judit Molnár**  
*The role of childhood traumatization and attachment characteristics in the etiology and pathogenesis of maladaptive daydreaming*
- 15.40 P II/7. .... 270  
**Enikő Csikai, László Csiba, Bernadett Balajthy-Hidegh, László Kardos, Mónika Andrejkovics**  
*Reversibility of neurocognitive performance impairment in primer hypertensive patients*

Session III. – DPM II. Meeting Room

Health and health services

CHAIRPERSONS:

**Klára Bíró**  
**Zuzana Katreniakova**

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**Zuzana Katreniakova, Daniela Berakova**

*What factors motivate Slovak adults to participate in regular health check-ups*

14.40 S III/2. .... 249

**Magor Papp, László Kőrösi, János Sándor, Csilla Nagy, Attila Juhász, Róza Ádány**

*Workforce crisis in primary health care worldwide: the Hungarian example in a longitudinal follow-up study*

14.50 S III/3. .... 250

**Kamila Kocańda**

*The Polish healthcare system reform implementing lump sum remuneration for healthcare services*

15.00 S III/4. .... 251

**Klára Boruzs, Zita Fekete, Viktor Dombrádi, Gábor Bányai, Attila Nagy, Robert Horne, Klára Bíró**

*Beliefs about medicines – concerns regarding cholesterol medication within V4 countries*

15.10 S III/5. .... 251

**Dominika Plancikova, Juliana Melichova, Veronika Zelinkova, Mark Taylor, Patrik Sivco, Martin Rusnak, Marek Majdan**

*Epidemiology of traumatic brain injuries in European countries*

15.20 S III/6. .... 252

**Maria Ganczak, Katarzyna Topczewska**

*Prevalence of HBV and HCV and risk factors for occupational blood-borne infections among paramedics from West Pomerania, Poland*

15.30 **Discussion**

16.00–21.00 Social program

Poster Session III. – PT-0-310 Poster Hall

CHAIRPERSONS:

**Mariann Moizs**  
**Miroslav Barták**

14.40 P III/1. .... 271

**Csaba Móczár**

*Hungarian managed care initiatives between 2000 and 2007: regional health outcomes of the Hungarian care organizations*

14.50 P III/2. .... 271

**Nadine Fraihat, Orsolya Varga**

*Effectiveness and cost-effectiveness of oral health promotion in dental caries prevention among children: a meta-analysis and systematic review*

15.00 P III/3. .... 272

**Karolína Dobiášová**

*Patient involvement in psychiatric care reform in the Czech Republic*

15.10 P III/4. .... 272

**Katalin Tolvay, Cintia Katona, Karolina Kósa**

*Dysfunctional attitudes in an adult population with high prevalence of depression*

15.20 P III/5. .... 273

**Attila Juhász, Csilla Nagy, Róza Ádány**

*Distribution of morbidity and mortality due to malignant neoplasms in association with the deprivation in Hungary 2010-2016*

15.30 P III/6. .... 273

**Gabriella Szörényiné Ványi, Annamária Szigeti, Mariann Moizs, Imre Repa**

*The OnkoNetwork patient path way management program used as melanoma registry. Single center experiences in Moricz Kaposi General Hospital in Hungary*

15.40 P III/7. .... 274

**Anita Barth, Balázs Nemes**

*The influence of socio-demographic and economic factors on willingness to receive a kidney transplant in East Hungary*

16.00–21.00 Social program

## Friday, 26 April, 2019

### 9.00 Plenary Session II.

TEOKJ 112/II. Congress Hall

- Róza Ádány** PL II/1. .... 248  
 President of the Hungarian Association of Public Health Training and Research Institutions  
*Public health and public ill-health in the V4 countries*
- Dineke Zeegers** PL II/2. .... 248  
 Executive Director of EUPHA  
*Challenges in the 21st century: new roles for public health professionals*
- Katarzyna Czabanowska** PL II/3. .... 248  
 President of ASPHER  
*Further professionalization of the PH workforce: why is it needed and how do we do it?*

10.00–10.30 Coffe break

### Workshop II. – TEOKJ 112/II. Congress Hall

#### Is there a need to strengthen the public health profession in the V4 countries

CHAIRPERSONS:

**Katarzyna Czabanowska**  
**Martin Kraye von Krauss**

10:30

**Martin Kraye von Krauss, Cedric Slock**

*Overview of the objectives of the workshop, the programme, and the participants*

10:45

**Katarzyna Czabanowska**

*Together for the development and professionalization of Public Health Workforce in "Vysehrad Four"*

11:00

*Rapid assessments by country*

11:30

*Strengths and weaknesses of the public health profession in the V4 countries*

12:00

*Discussion of stakeholders likely to contribute to a coalition, by country*

FACILITATORS:

**Alena Petráková** – Czech Republic W II/1. .... 253  
*Public Health workforce capacity development: International cooperation of academia with researchers, policy makers and field epidemiologists*

**Daniella Kállayová** – Slovakia W II/2. .... 253  
*Public health education and practice needs in Slovakia*

**Zuzana Katreniaková** – Slovakia

**Róza Ádány** – Hungary W II/3. .... 254  
*Establishment and development of the first independent Faculty of Public Health in the Hungarian higher education*  
**Péter Csizmadia** – Hungary

12:25

*Conclusion*

**Katarzyna Czabanowska, Martin Kraye von Krauss**

### Session IV. – DPM II. Meeting Room

#### Health literacy

CHAIRPERSONS:

**Zoltán Vokó**  
**Ledia Lazeri**

10.30 IV/1. .... 255

**Zuzana Klochanova, Robert Ochaba, Ladislava Wsolova**  
*Development of health literacy and behavior in Slovakia between 2013 and 2016*

10.40 IV/2. .... 255

**Éva Bíró, Karolina Kósa**

*Self-perceived and functional health literacy of Hungarian adults*

10.50 IV/3. .... 256

**Anikó Ujhelyiné Nagy, Katalin Balázs, Ildikó Kuritárné Szabó**

*Impacts of adverse childhood experiences on mental and somatic health in Hungarian clinical populations*

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**Dóra Prievara, László Lippai, Veronika Mátó, Erika Tóth**

*Digital generations with digital competences – how to utilize technology in health education*

11.10 IV/5. .... 257

**Gábor Bányai, Viktor Dombrádi, Cintia Katona, Klára Boruzs**

**Gréta Dezső, Attila Nagy, Klára Bíró**

*Attitude towards the doctor-patient relationship in selected Central and Eastern European Countries*

11.20 IV/6. .... 258

**Ilona Veres-Balajti, Bálint Molics, János Sándor, Róza Ádány**

*Physiotherapy operations in general practitioners' clusters at different levels of prevention*

11.30 IV/7. .... 258

**Péter Csépe, László Antal**

*Teaching about climate change in medical education*

11.40 **Discussion**

**Poster Session IV. – PT-0-309 Poster Hall**

CHAIRPERSONS:

**Zsuzsanna Rákossy**  
**Tomas Kundeln**

10.30 P IV/1. .... 275

**Péter Pikó, Szilvia Fiala, Zsigmond Kósa, János Sándor Róza Ádány**

*Increased risk of Roma for the development of cardiovascular disease based on Framingham Risk Score calculation*

10.40 P IV/2. .... 275

**Nayla Mohamed Goma, Szilvia Fiala**

*Systematic review of coronary heart diseases prediction modeling*

10.50 P IV/3. .... 276

**Nardos Abebe, Péter Pikó, Szilvia Fiala, Zsigmond Kósa, János Sándor, Róza Ádány**

*SNP-based genetic risk score modelling suggest no increased genetic susceptibility of Roma population to type 2 diabetes mellitus*

11.00 P IV/4. .... 277

**Biborka Nádró, Anita Szentpéteri, Lilla Juhász, Ildikó Seres, Dénes Páll, György Paragh, Mariann Harangi**

*Characterizing of high-density lipoprotein structure and function in newly diagnosed, untreated familial hypercholesterolemia*

11.10 P IV/5. .... 277

**Roba Argaw Tessema, Károly Nagy, Balázs Ádám**

*Comparative assessment of cyto-and genotoxicity of glyphosate and glyphosate-based herbicides in human peripheral white blood cells using the in vitro comet assay*

11.20 P IV/6. .... 278

**Lilla Juhász, István Balogh, László Madar, Beáta Kovács, György Paragh, Mariann Harangi**

*Identifying double and triple heterozygous mutations of candidate genes in severely affected familial hypercholesterolaemia patients*

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**Bayu Begashaw Bekele, Péter Pikó, Szilvia Fiala, Róza Ádány**

*Nongenetic correlates of type 2 diabetes mellitus among Hungarian Roma and Hungarian general population: comparative cross-sectional study*

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**Szabolcs Varga, János Sándor**

*Measuring ethnic identity in Roma health studies – The Roma Identity Scale*

11.50 P IV/9. .... 280

**Pálma Tímea Szabó, Éva Bíró, Karolina Kósa**

*Conceptual classification of health literacy tools*

**12.30 Closing Plenary Ceremony**

TEOKJ 112/II. Congress Hall

12.50-14.00 Lunch