

CONFERENCE PROGRAM



19th DKMT Euroregional Conference on Environment and Health

June 9-10, 2017

University of Szeged

Szent-Györgyi Albert Education Centre

Issekutz Béla Lecture Room



Szeged, Hungary

GENERAL INFORMATION

Conference venue:

Szent-Györgyi Albert Education Centre, Dóm tér 13, Szeged

The opening and the oral sessions, and the general assembly will be in

Issekutz Béla Lecture Room (4th floor, room number 49).

The posters will be presented in the Lobby on the ground floor.

Coffee and the welcome reception will be served on the 4th floor.

Signs will guide the participants from the building entrance to the sites.

Registration and information desk is open:

12:00–17:30 on Friday

8:30–10:00 on Saturday

Poster session (Lobby, ground floor)

When entering the exhibit hall, please look for your number (check your poster number in the list of posters) on the tack board.

Poster mounting material will be available for your convenience.

Poster hanging time: 14:00-16:50 on Friday

Poster removing time: 18:00-21:00 on Friday

Stand by your poster for the duration of the poster session.

The posters will be evaluated and rewarded by the national representatives of DKMT:

Prof. Dr. Biljana Škrbić, Serbia

Dr. Daniela Cirnatu, Romania

Dr. András Papp, Hungary

The E-book of the conference, containing the complete program and abstracts of oral and poster presentations, is available at

<http://web.med.u-szeged.hu/puhe/DKMT2017/abstract-book.pdf>

The Organizing Committee

FRIDAY, June 9, 2017

13:30-13:50

OPENING AND WELCOME

Ferenc Bari

Dean of Faculty of Medicine, University of Szeged

Edit Paulik

Head of Department of Public Health, Faculty of Medicine
University of Szeged

13:50-15:10

ORAL SESSION: FOOD AND HEALTH

Chairs: Škrbić, B., Papp, A.

13:50 HEALTH RISK ASSESSMENT OF THE CROPS CONSUMPTION AFTER
SOIL IRRIGATION WITH THE RECLAIMED WATER

Škrbić, B., Đurišić-Mladenović, N., Milić, N.

Novi Sad, Serbia

14:10 HEAVY METALS IN DRINKING AND BOTTLED WATER IN ARAD
COUNTY

Cîrnațu, D., Răducanu, D., Tarcea, M.

Arad, Romania

14:25 ACRYLAMIDE IN FOOD: FOOD SAFETY ASPECTS

Rácz, T., Krisch, J.

Szeged, Hungary

14:40 DIETARY HABITS OF PRIMARY AND SECONDARY SCHOOL AGED
CHILDREN IN HUNGARY

Szabó A., Molnár R., Paulik E.

Szeged, Hungary

14:55 TOO HIGH, TOO LOW, AND SELDOM OPTIMAL: HEALTH EFFECTS OF
SOME NATURAL CONSTITUENTS IN DRINKING WATER

Papp A.

Szeged, Hungary

15:10-15:30

COFFEE BREAK

FRIDAY, June 9, 2017

15:30-16:50

ORAL SESSION: ENVIRONMENT AND HEALTH

Chairs: Cîrnațu, D., Páldy A.

- 15:30 LEADING ENVIRONMENTAL HEALTH PROBLEMS IN HUNGARY
Páldy, A.
Budapest, Hungary
- 15:50 WATER AND THE ENVIRONMENT
Tihon, A.
Chisinau, Moldova
- 16:05 BACTERIAL COMMUNICATION (QUORUM SENSING) – IMPACT ON ENVIRONMENT AND HEALTH
Kerekes, E.B., Vidács, A., Takó, M., Hargitai, F., Komáromi, L., Vágvölgyi, Cs., Krisch, J.
Szeged, Hungary
- 16:20 ASSESSMENT OF PAH DIAGNOSTIC RATIOS FOR IDENTIFYING SOIL POLLUTION SOURCES – A CASE STUDY
Škrbić, B., Đurišić-Mladenović, N.
Novi Sad, Serbia
- 16:35 NEUROTOXIC EFFECTS OF WELDING FUME METAL NANOPARTICLES AFTER SUBACUTE INTRATRACHEAL EXPOSURE IN RATS
Máté, Zs., Horváth, E., Szabó, A., Tombácz, E., Nesztor, D., Papp, A.
Szeged, Hungary
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17:00-18:00

POSTER SESSION*

Chairs: Škrbić, B., Cîrnațu, D., Papp, A.

18:00

General Assembly, poster pricing

18:30

CONFERENCE DINNER

*See List of posters.

SATURDAY, June 10, 2017

9:00-10:15

ORAL SESSION: MICROBIOLOGICAL TOPICS

Chairs: Krisch, J., Vágvölgyi Cs.

- 9:00 LIPOPEPTID PROFILING OF A *BACILLUS SUBTILIS* STRAIN
Bartal, A., Kecskeméti, A., Bóka, B., Kadaikunnan, Shine, Naiyf, S., Alharbi, Jamal, M. Khaled, Vágvölgyi, Cs., Szekeres, A.
Szeged, Hungary; Riyadh, Saudi Arabia
- 9:15 INVESTIGATION OF THE INITIAL STEPS OF THE NICOTINIC ACID DEGRADATION PATHWAY IN *ASPERGILLUS NIDULANS*
Bokor, E., Ámon, J., Vágvölgyi, Cs., Hamari, Zs.
Szeged, Hungary
- 9:30 WATER RISK ASSESSMENT - LEGIONELLA CONTROLL IN HUNGARY - RESULTS AND EXPERIENCES IN OUR DAYS
Gömöri, Cs., Nacsa-Farkas, E., Kerekes, E. B., Vidács, A., Barna, Zs., Róka, E., Mészáros Basics, B., Póda, T., Vágvölgyi, Cs., Krisch, J.
Budapest, Hungary; Szeged, Hungary
- 9:45 TARGETED GENOME EDITING VIA THE CRISPR/CAS9 SYSTEM IN *MUCOR CIRCINELLOIDES*
Szebenyi, Cs., Nagy, G., Vaz, A., Tóth, E., Kiss, S., Vágvölgyi, Cs., Papp, T.
Szeged, Hungary
- 10:00 ESSENTIAL OIL BASED DISINFECTANTS FOR BIOFILM ELIMINATION FROM STAINLESS STEEL AND PLASTIC SURFACES
Vidács, A., Rajkó, R., Vágvölgyi, Cs., Krisch, J.
Szeged, Hungary
- 10:15 PROBIOTICS: FOOD SUPPLEMENTS OF THE FUTURE
Bajusz-Birkás, G.
Szeged, Hungary

10:20-10:45

COFFEE BREAK

SATURDAY, June 10, 2017

10:45-12:00

ORAL SESSION: HEALTH AND BEHAVIOUR

Chairs: Paulik, E., Lukács, A.

- 10:45 TELEMEDICINE
Tihon, A.
Chisinau, Moldova
- 11:00 THE PERINATAL OUTCOME OF TEENAGE PREGNANCY
Karai, A., Gyurkovits, Z., Sári, T., Nyári, T., Paulik, E., Németh, G., Orvos, H.
Szeged, Hungary
- 11:15 EFFECT OF CARBOHYDRATE HYDROLYZING ENZYME TREATMENT ON THE ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY OF FRUIT POMACE EXTRACTS
Zambrano, C., Kotogán, A., Kerekes, E., Vágvölgyi, Cs., Krisch, J., Takó, M.
Szeged, Hungary
- 11:30 HEAVY ALCOHOL CONSUMPTION AND ASSOCIATED FACTORS AMONG HUNGARIAN STUDENTS
Lukács, A., Szabó A., Horváth E., Molnár, R., Paulik, E.
Szeged, Hungary
- 11:45 MATERNAL CIGARETTE SMOKING AND USE OF VITAMIN SUPPLEMENTS BEFORE AND DURING PREGNANCY
Paulik E., Barka N., Rénes L., Gyurkovits, Z., Németh G., Orvos H.
Szeged, Hungary
- 12:00 KNOWLEDGE AND ATTITUDES TOWARD HUMAN PAPILLOMAVIRUS INFECTION AND VACCINATION
Erdős, Cs., Molnár R., Müller A., Paulik E.
Szeged, Hungary

12:15

CLOSING REMARKS

LIST OF POSTERS

1	Albert-Lőrincz, M., Albert-Lőrincz, E., Gáspárik, I., Foley L., K., Paulik, E., Szabó, B.	ADOLESCENT PERCEPTIONS OF THE RECENTLY IMPLEMENTED CLEAN AIR LAW IN ROMANIA
2	Ámon, J., Bokor, E., Hamari, Zs.	STRUCTURE AND FUNCTION ANALYSIS OF THE NICOTINIC ACID CATABOLIC PATHWAY SPECIFIC TRANSCRIPTION FACTOR, HXNR IN ASPERGILLUS NIDULANS
3	Bosnyákovits, T., Rákos, N., Rózsa, Á., Sziveri Sz., Gáspár, G.	MEASLES OUTBREAK IN CSONGRÁD COUNTY FROM 29 JANUARY 2017 UNTIL 10 MARCH 2017
4	BursiĆ, V., VukoviĆ, G., Gvozdenac S., Zeremski, T., GrabiĆ J., MarinkoviĆ D., IvanoviĆ I.	DETERMINATION OF PESTICIDE RESIDUES IN THE STARA TISA
5	VukoviĆ, G., BursiĆ, V., ĐuroviĆ, A., KraviĆ, S., StojanoviĆ, Z., PopoviĆ A., PetroviĆ A.	LC-MS/MS PESTICIDE RESIDUES DETERMINATION IN SURFACE WATER RESOURCES USING FOR DRINKING WATER SUPPLY
6	Gajdács M., Handzlik J., Sanmartín C., Domínguez-Álvarez E., Spengler G.	SELENOCOMPOUNDS AS COMBINATIONAL AGENTS IN CANCER CHEMOTHERAPY: AN <i>IN VITRO</i> PERSPECTIVE
7	Gömöri, Cs., Nacsá-Farkas, E., Kerekes, E. B., Vidács, A., Barna, Zs., Róka, E., Mészáros Basics, B., Póda, T., Vágvölgyi, Cs., Krisch, J.	PRESENCE OF LEGIONELLA IN WATER SAMPLES FROM COMMUNITY AND INDUSTRIAL FACILITIES
8	Horváth, K., Winkler, Zs., Kuti, D., Kővári, D., Polyák, Á., Ferenczi, Sz., Kovács, J.K.	STRESSFUL LIFETIME RESULTS IN NEUROINFLAMMATION
9	Horváth, T., Kozma, G., Igaz N., Kálomista, I., Vezér, T., Papp, A.	DETECTION OF NEUROTOXICITY OF TITANIUM DIOXIDE NANOPARTICLES IN VIVO AND IN VITRO MEASUREMENTS
10	Kartali, T., Shahab, D., Ráduly, O.-Cs., Nyilasi, I., Hatvani, L., Kredics, L., Vágvölgyi, Cs., Papp, T.	SCREENING OF dsRNA ELEMENTS IN FUNGI INFECTING <i>AGARICUS BISPORUS</i>
11	Kiss, N., Baranyi, N., Kocsubé, S., Varga, M., Szekeres, A., Vágvölgyi, Cs.	FUMONISIN PRODUCTION OF <i>BIPOLARIS MAYDIS</i>
12	Koledin, I., Kovač, R., Matavulj, M.	SINGLE ACRYLAMIDE DOSE AFFECTED MAST CELL NUMBER IN RAT COLON
13	Koledin, I., Kovač, R., Matavulj, M.	SUBCHRONIC ACRYLAMIDE TREATMENT REDUCED MUC2 SECRETION IN RAT COLON
14	Kovac, R., Koledin, I., Rajkovic, V., Matavulj, M.	ACRYLAMIDE-INDUCED TOXICITY IN LIVER NON-PARENCHYMAL CELLS

15	Markó-Kucsera, M., Paulik, E.	A NEW OPPORTUNITY IN REHABILITATION: SELF-HELP CLUBS FOR PARKINSON'S DISEASE
16	Papp, D., Kecskeméti, A., Baranyi, N., Kocsubé, S., Shine, K., Alharbi, N.S., Khaled, J.M., Vágvölgyi, Cs., Szekeres, A.	INVESTIGATION OF FATTY ACIDS FROM <i>ASPERGILLUS</i> STRAINS
17	Pozder, A., Müller, A.	EPIDEMIOLOGY AND CHALLENGES OF OSTEOPOROSIS IN HUNGARY
18	Škrbić, B., Marinković, V., Petrović Gegić, A.	HEALTH RISK ASSESSMENT OF ORGANOCHLORINE COMPOUNDS IN STREET DUST OF NOVI SAD, SERBIA
19	Szerencsés, B., Sedjal, S., Szekeres, A., Puskás, G.L., Makra, Zs., Kanizsai, I., Pfeiffer, I., Vágvölgyi, Cs.	SELECTIVE TOXICITY OF NEW SYNTHETIC ANIONOPHORES
20	Tóth, L., Tóth, R., Fekete, L., Kele, Z., Vágvölgyi, Cs., Marx, F., Galgóczy, L.	BULK PRODUCTION OF THE ANTI-YEAST PROTEIN NFAP2 IN <i>PENICILLIUM CHRYSOGENUM</i>
21	Vágvölgyi, Cs., Bóka, B., Sipos, Gy., Jakab, J., Imre, V., Marik, T., Varga, O., Chen, L., Allaga, H., Nagy, V.D., Khaled, J.M., Alharbi, N.S., Kredics, L.	SCREENING OF RHIZOMORPH-ASSOCIATED SOIL SAMPLES FOR POTENTIAL BIOCONTROL AGENTS AGAINST FOREST-DAMAGING <i>ARMILLARIA</i> SPECIES
22	Váradi, O., Rakk, D., Kecskeméti, A., Bereczki, Zs., Urbán, E., Terhes, G., Vágvölgyi, Cs., Minnikin, D.E., Pálfi, Gy., Szekeres, A.	DETECTION OF ANCIENT TB INFECTION FROM BONES ON THE BASE OF SPECIFIC LIPID BIOMARKERS
23	Vaz, A., Takó, M., Szebenyi, Cs., Vágvölgyi, Cs., Nagy, G., Papp, T.	CHARACTERIZATION OF NOVEL TYPE SURFACE PROTEINS IN MUCORALES
24	Vezér, T., Várhelyi, Z., Ivitz, E., Horváth, K., Horváth, T., Lukács, A., Papp, A., Fekete, S.Gy.	EFFECTS OF RODENTIZED MOZART'S MUSIC AND TREADMILL EXERCISE ON THE COGNITIVE BEHAVIOR IN AN <i>IN VIVO</i> RAT MODEL
25	Vezér, T., Várhelyi, Z., Ivitz, E., Horváth, K., Horváth, T., Lukács, A., Oszlanczi, G., Fekete, S.Gy.	MANGANESE INDUCED BEHAVIORAL ALTERATIONS AND NEUROPROTECTIVE MEANS IN A SUBCHRONIC RAT MODEL
26	Vucetic, S., Loncar, E., Miljevic, B., van der Bergh, M., Pasalic, S., Ranogajec, J.	A FAST METHOD FOR PRELIMINARY EVALUATION OF NITRATE CONTENT DURING DESALINATION OF BUILDING MATERIALS
27	Vuković, G., Bursić, V., Đurović, A., Kravić, S., Stojanović, Z., Popović, A., Petrović, A.	LC-MS/MS PESTICIDE RESIDUES DETERMINATION IN SURFACE WATER RESOURCES USING FOR DRINKING WATER SUPPLY
28	Zorilă, C., Magopăţ, E., Moş, L.	AGING AND LIPOPEROXIDATION MARKERS IN VASCULAR DISEASES

NOTES

