

UNIVERSITY OF SZEGED FACULTY OF AGRICULTURE
in cooperation with
BANAT'S UNIVERSITY OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE
“KING MICHAEL I OF ROMANIA” FROM TIMISOARA
FACULTY OF AGRICULTURAL MANAGEMENT,
HUNGARIAN ACADEMY OF SCIENCES REGIONAL COMMITTEE IN SZEGED
and
FOUNDATION FOR AGRICULTURAL MODERNIZATION AND RURAL DEVELOPMENT



“AGRICULTURE WITHOUT BORDERS”

17th Wellmann
International Scientific Conference

PROGRAM

Hódmezővásárhely

8th May 2019

SESSION MEETINGS

SESSION MEETING OF THE HUNGARIAN ASSOCIATION OF AGRICULTURAL ECONOMISTS	Seminar room 106
INTERDISCIPLINARY SESSION #1	Seminar room 108
INTERDISCIPLINARY SESSION #2	Auditorium "A"
'PLANTSVITA' SEMINAR	Seminar room 114
POSTER PRESENTATION	Seminar room 109

“AGRICULTURE WITHOUT BORDERS”

17th Wellmann International Scientific Conference Hódmezővásárhely, Hungary 8th May 2019

PROGRAM:

9:00 – 10:00	Registration (at the entrance door)
10:00 – 10:20	Opening ceremony, welcome speeches (Auditorium „A”)
10:20 – 11:50	Plenary session (Auditorium „A”)
12:00 – 13:00	Lunch (Restaurant of the Faculty)
13:30 – 16:00	Poster presentation (Seminar room 109)
14:00 – 16:30	Thematic Sessions
17:00 – 17:30	Cultural program (Student Hostel Lounge)
18:00 –	Reception dinner (Ginkgo Hotel)

PROGRAM OF THE PLENARY SESSION

10:00 Opening speech

Prof. Dr. László Rovó, rector of the University of Szeged

10:10 Welcome speeches

Dr. József Horváth, dean of the Faculty of Agriculture, University of Szeged

Prof. Dr. Cosmin Alin Popescu, rector of the Banat's University of Agricultural Science and Veterinary Medicine "King Michael I of Romania" from Timisoara (participation under organization)

Prof. Dr. Ioan Brad, dean of the Faculty of Agricultural Management, Banat's University of Agricultural Science and Veterinary Medicine "King Michael I of Romania" from Timisoara

Dr. Tamás Monostori, chairman of the Agricultural Committee, Hungarian Academy of Sciences Regional Committee in Szeged

Dr. Péter Márki-Zay, mayor of Hódmezővásárhely Municipal Town
(participation under organization)

10:20 Plenary session

PRECISION PLANT BREEDING BY GENOME EDITING IN INNOVATIVE AGRICULTURE

DÉNES DUDITS, member of the Hungarian Academy of Sciences, Institute of Plant Biology, Biological Research Centre Hungarian Academy of Sciences, Szeged, Hungary

GOLDEN ROOT (*RHODIOLA ROSEA* L.), A POTENTIAL ECONOMIC CROP AND MEDICINAL PLANT

Dezső Csupor, president, Medicinal Plant Section of the Hungarian Society of Pharmaceutical Sciences

COMPETITIVENESS OF MEAT AND ASSOCIATED PRODUCTS IN INTERNATIONAL TRADE

Attila Jámbor, president, Hungarian Association of Agricultural Economists

WHY SORGHUM IS A CROP FOR THE FUTURE?

Charles-Antoine Courtois, Sorghum ID, France

11:50 Discussion

**SESSION MEETING OF
THE HUNGARIAN ASSOCIATION OF AGRICULTURAL
ECONOMISTS
(Seminar room 106)**

Moderator: Dr. Attila Jámbor Hungary
Moderator: Dr. Miklós Vásáry Hungary
Secretary: Gergő Mizsur Hungary

BRAZIL'S AGRI-FOOD TRADE PROFILE

JAMBOR A., BORGES AGUIAR G.M.

THE PROFITABILITY FACTORS OF THE HUNGARIAN BREWING INDUSTRY

JANTYIK L., TÖRÖK Á., BALOGH J.M.

**THE POSITION OF THE EU ORGANIC LABEL AMONG HUNGARIAN
CONSUMERS - FACTORS OF AWARENESS AND REGULAR SHOPPING**

MARÓ Z.M., JANTYIK L., TÖRÖK Á.

TRADE CHARACTERISTICS OF NEW MEMBER STATES' AGRICULTURE

MIZIK T.

TRADE CHARACTERISTICS OF THE WESTERN BALKANS' AGRICULTURE

MIZIK T.

**GI EXPECTATIONS IN THE HUNGARIAN FRUIT INDUSTRY THE CASE OF
TWO HUNGARIAN CHERRIES**

TÖRÖK Á.

ANALYZING TECHNICAL CHANGES IN BREXIT-RELATED TRADE

VÁSÁRY M.

**IMPACT OF BREXIT ON THE TRADE OF HUNGARIAN AGRICULTURAL AND
FOOD PRODUCTS**

VÁSÁRY M.

INTERDISCIPLINARY SESSION #1
(Seminar room 108)

Moderator: Dr. Orsolya Kiss Hungary
Moderator: Dr. Ákos Benk Hungary
Secretary: Violetta Tóth Hungary

THE CULINARY SIGNIFICANCE OF INDIGENOUS HUNGARIAN CHICKEN CAPONS

BENK Á., BENK K.E., BALOGH Cs., PINNYEY Sz.

ANALYSIS OF GAME DAMAGE ESTIMATION METHODS IN WINTER WHEAT (*TRITICUM AESTIVUM*) THROUGH GIS SIMULATIONS

KOVÁCS I., SZABÓ A., SCHALLY G., CSÁNYI S., BLEIER N.

INVESTIGATION OF FACTORS AFFECTING THE REPRODUCTIVE PERFORMANCE OF DAIRY COWS

MIKÓNÉ E., TÓTH V., KOCSISNÉ GRÁFF M., NAGYPÁL V.

INVESTIGATION OF WATER USE ON DAIRY FARMS

NAGYPÁL V., MIKÓ E., HODÚR C.

BIOGAS PRODUCTION BY DIGESTING OF AGRICULTURAL ORGANIC WASTE

SALLAI L.

RAPSEED CROP DAMAGE BY WILDLIFE ASSESSED FROM LANDSAT IMAGES

SISÁK I.

EFFECT OF MANNANOLIGOSACCHARIDE (MOS) AND INULIN SUPPLEMENTATION ON THE PERFORMANCE OF CALVES REARED ON MILK REPLACER

TÓTH Sz.

INVESTIGATION OF CULLING PRACTICES IN A DAIRY FARM

TÓTH V., NAGYPÁL V., SÜLI Á., MIKÓ E.

**INTERDISCIPLINARY SESSION #2
(Auditorium “A”)**

Moderator:	Dr. Dénes Dudits	Hungary
Moderator:	Dr. Dezső Csupor	Hungary
Secretary:	Adrienn Szarvas	Hungary

EXAMINATION OF DROUGHT STRESS TOLERANCE OF GRAPEVINE CULTIVARS IN MODEL EXPERIMENT

BAGLYAS F.

THE IMPACT OF PLANTING AND HARVEST TIMES ON THE YIELD OF SWEET POTATO [*IPOMOEA BATATAS* (L.) LAM.]

BARTÓK A., GOMBOS Zs., SZARVAS A., MONOSTORI T.

OPTIMIZATION OF CULTURE CONDITIONS FOR OHRATOXIN PRODUCTION OF *ASPERGILLUS* SPECIES

HEGEDÜS Zs., GÁBOR E., ŠKRBIĆ B., VÁGVÖLGYI Cs., SZEKERES A.

STUDY OF FOLIAR FERTILIZER PRODUCTS ON THE YIELD AMOUNT AND GENERATIVE FACTORS OF MAIZE

JAKAB P., KRISTÓ I., LEDÓNÉ DARÁZSI H., HÓDINÉ SZÉL M.

DIFFERENT LEVELS OF FERTILIZERS' AND FORECROPS' EFFECT ON WINTER WHEATS' RHEOLOGICAL PROPERTIES

MAGYAR Z.M., PEPÓ P., GYIMES E.

OPTIMIZATION OF THE ETHIOPIAN FOOD CONSUMPTION STRUCTURE-SUSTAINABILITY AS AN APPROACH

TOMPA O., KISS A., LAKNER Z.

APPLICABILITY OF *PENICILLIUM CHRYSOGENUM* ANTIFUNGAL PROTEIN AND ITS RATIONAL DESIGNED VARIANT IN PLANT PROTECTION

TÓTH L., SONDEREGGER C., BOROS É., NAGY I., BRATSCHUN-KHAN D., MARX F., GALGÓCZY L.

THE EFFECT OF DIFFERENT DOSES OF MAGNESIUM TREATMENTS ON THE FENUGREEK (*TRIGONELLA FOENUM-GRÆCUM* L.) YIELD

VOJNICH V.J., PETŐ J., PALKOVICS A., HÜVELY A.

**‘PLANTSVITA’
SEMINAR
(Seminar room 114)**

**Interreg-IPA Cross-border Cooperation Programme Hungary-Serbia
PLANTSVITA project (HUSRB/1602/41/0031)**

Moderator: Dr. Biljana Škrbić Serbia
Moderator: Dr. Csaba Vágvölgyi Hungary

THE EFFECT OF BIOEGO SOIL CONDITIONER ON THE GROWTH AND DEVELOPMENT OF *CAPSICUM ANNUUM* L. VAR. *LONGUM* CV. SZEGEDI REMÉNY IN A FIELD EXPERIMENT [POSTER]

ALLAGA H., SZABÓ S., TARNAI G., STANKOVICS I.-NÉ, SZALONNÁSNE GRIZÁK A., SÓLYOM J., KREDICS L., VÁGVÖLGYI Cs.

ORGANIC FARMING IN SERBIA

JOVANOVIĆ L., PANKOVIĆ D., RADIĆ D., VUKELIĆ I., RADIĆ G., TOPIC M.

ROLE OF *FUSARIUM* SPECIES FROM AGRICULTURAL ENVIRONMENTS IN CORNEAL INFECTIONS

KREDICS L., HOMA M., GALGÓCZY L., NARENDRAN V., VÁGVÖLGYI Cs., PAPP T., MANIKANDAN P.

SELECTION AND CHARACTERIZATION OF CANDIDATE BIOINOCULANT *TRICHODERMA* STRAINS ISOLATED FROM SOILS OF THE HUNGARY-SERBIA CROSS BORDER REGION

NAGY V.D., KREDICS L., ŠKRBIĆ B., PANKOVIĆ D., VÁGVÖLGYI Cs.

DETERMINATION OF COMPOUNDS OF EMERGING CONCERNS IN SLIGHTLY ACIDIC AGRICULTURAL SOIL SAMPLES [POSTER]

ŠKRBIĆ B.D., ANTIĆ I.

CARCINOGENIC POTENCY OF 16 EPA PAHS IN ARABLE SOIL SAMPLES FROM HUNGARY-SERBIA BORDER REGION [POSTER]

ŠKRBIĆ B., ANTIĆ I., ŽIVANČEV J., ĐURIŠIĆ-MLADENOVIĆ N., CVEJANOV J., VÁGVÖLGYI Cs.

ISOLATION OF FLUORESCENT *PSEUDOMONAS* STRAINS WITH BIOCONTROL ABILITIES FROM GENTLY ACIDIC AND ALKALINE SOILS

VÖRÖS M., BÜCHNER R., KREDICS L., ŠKRBIĆ B., VÁGVÖLGYI Cs.

EXAMINATION OF PESTICIDE-DEGRADING BACTERIA ISOLATED FROM AGRICULTURAL SOILS

ZHUMAKAYEV A.R., VÖRÖS M., KREDICS L., MANCZINGER L., ŠKRBIĆ B., VÁGVÖLGYI Cs., HATVANI L.

**POSTER PRESENTATION
(Seminar room 109)**

Moderator:	Prof. Dr. Judit Péter Szűcs	Hungary
Moderator:	Prof. Dr. Lajos Tanács	Hungary
Secretary:	Dr. László Sallai	Hungary

BUDGETING AND BUSINESS PLANNING FOR A FRUIT PROCESSING FACILITY

BAGI B., ZSÓTÉR B.

THE IMPORTANCE OF SOCIAL CAPITAL IN AGRICULTURE

BENCZE T.

THE SITUATION OF THE EMPLOYED IN AGRICULTURE

BENCZE T.

EXAMINATION OF THE DIFFERENT PROCESSING METHODS EFFECTS FOR NUTRITIONAL VALUE OF THE FEED FLOURS MADE FROM SLAUGHTERHOUSE BY-PRODUCTS

CSIBA A., GYÖKÉR E., GERGÁTZ E.

EFFECT OF POTASSIUM FERTILIZER TREATMENT ON GROWTH PARAMETERS OF SOME ARCHAEOPHYTE TAXA

ECSERI K., HONFI P.

GERMINATION SPECIALITIES OF SOME SALINE PLANT SPECIES

ECSERI K., KOHUT I., TÚRINÉ FARKAS Zs., MOSONYI I.D., TILLYNÉ MÁNDY A.

POPULATION GENETIC SURVEY OF THE GOLDEN JACKAL (*CANIS AUREUS*) IN THE SOUTHERN TRANSDANUBIAN REGION

FEHÉR P., HELTAI B., FRANK K., KEMENSZKY P., JÁNOSKA F., SZEMETHY L., VARGA L., STÉGER V.

THE INTERACTIVE EFFECTS OF QUALITY AND QUANTITY PARAMETERS ON WINTER WHEAT VARIETY AND HYBRID ON CHERNOZEM SOIL

FEKETE Á., PEPÓ P.

AN EVALUATION ON ANIMAL WELFARE

GENÇ S.V.

PREDATOR-PREY RELATIONS AND DENSITY ESTIMATIONS BASED ON CAMERA TRAP DATA IN BÜKK NATIONAL PARK, HUNGARY

GIGLER D., GOMBKÖTŐ P., PATKÓ L.

INVESTIGATION OF FARMERS' MARKETS FROM THE SALES SIDE

GOMBKÖTŐ N.

EFFECT OF CRYOGENIC FREEZING ON THE TEXTURAL AND SENSORIC PROPERTIES OF DONUTS

HIDAS K.I., TÓTH A., HAMAR E., JAKAB I., FRIEDRICH L., NÉMETH CS.

PREVENTION OF *E. COLI* DIARRHEA IN SELECTED PIGLETS

HORVÁTH J., MIZSUR G., BERKÓ P.

GENETIC DIVERSITY OF FIELD PEA GERMPLASMS BASED ON SSR MARKERS

IRMES K., KRISTÓ I., SZENTPÉTERI L., TAR M.

FACTORS INFLUENCING INTERNATIONAL BEER TRADE

JANTYIK L., TÖRÖK Á., JÁMBOR A.

IMPACT OF NUTRIENT LEVEL AND SEED DENSITY ON THE YIELD OF SOME WINTER WHEAT VARIETIES

KRISTÓ I., IRMES K., JAKAB P., TAR M.

THE EFFECT OF DIFFERENT SEED DENSITY, VARIETY AND SOIL INOCULANT ON YIELD OF SOYBEAN

KRISTÓ I., IRMES K., JAKAB P., TAR M.

TEST-GROWING OF SEVERAL PATENTED FENNEL (*FOENICULUM VULGARE*) VARIETIES IN THE SOUTHERN GREAT PLAIN

LANTOS F., BARTÓK A.

ECONOMIC CALCULATIONS CONCERNING THE INVESTMENT OF A FORAGE PRODUCER COMPANY

LÁSZLÓ T.K., ZSÓTÉR B.

ECONOMICS OF MODERNIZATION IN COLD STORAGE

LAURINYECZ N., ZSÓTÉR B.

POSSIBLE ROUTES OF THE CHINESE NEW SILK ROAD - CAN THE V4 COUNTRIES BENEFIT?

MARÓ Z.M., JÁMBOR A., TÖRÖK Á.

COMPARISON ANALYSIS OF BOLOGNA SAUSAGES WITH DIFFERENT MEAT

MIHALKÓ J., ZSARNÓCZAY G., ZAKUPSZKI Z.

THE EFFECT OF SUBSTRATES ON DIFFERENT CHARACTERISTICS OF *PHILODENDRON ERUBESCENS* CUTTINGS

ÖRDÖGH M.

GEOPOLITICAL FUTURE OF HUNGARY IN AGRICULTURAL RESEARCH COOPERATION FOR DEVELOPMENT, IN PARTICULAR AS REGARDS THE RELATIONSHIP WITH CENTRAL EUROPE AND MEDITERRANEAN REGION

SOMOGYI N., GÁBOR Á., BRÁJ R.

THE EFFECT OF VARIOUS FERTILIZER TREATMENTS ON THE FOLIAGE WEIGHT AND NUTRITIONAL VALUE OF SWEET POTATO LEAVES

SZARVAS A., MONOSTORI T.

EFFECTS OF SEED AND SOIL INOCULATION FOR THREE SOYBEAN VARIETIES

TAR M., IRMES K., KÁLMÁN D., KRISTÓ I.

DEVELOPMENT OF HIGH PROTEIN CONTAINING FILLING

TÓTH A., NÉMETH CS., CSURKAI T., SURÁNYI J., BADA-KERTI K., PENKSZA P., FRIEDRICH L.

AGRICULTURAL APPLICABILITY OF *NEOSARTORYA FISCHERI* ANTIFUNGAL PROTEIN AND *DE NOVO* DESIGNED PEPTIDE DERIVATIVES

TÓTH L., VÁRADI GY., BOROS É., FICZE H., NAGY I., MARX F., GALGÓCZY L.

SHORT FOOD SUPPLY CHAINS AS OPPORTUNITIES FOR HUNGARIAN PARAGASTRO SOCIAL ENTERPRISES

TÖRÖK Á., AGÁRDI I.

MORPHOMETRIC AGE AND SEX IDENTIFICATION OF EURASIAN COLLARED DOVES (*STREPTOPELIA DECAOCTOFRIV.*) – A PILOT-TEST

VARGA S.ZS., JUHÁSZ L.

ANALYSIS OF EXTRACELLULAR BETA-GALACTOSIDASE ACTIVITIES IN ZYGOMYCETES

VOLFORD B., KOTOGÁN A., VÁGVÖLGYI CS., PAPP T., TAKÓ M.

EXTRACELLULAR HYDROLASE ACTIVITIES OF ENDOPHYTIC FUNGI ISOLATED FROM *TAXUS BACCATA*

VOLFORD B., PAPP ZS., PAPP T., ŠKRBIĆ B., SZEKERES A., VÁGVÖLGYI CS., TAKÓ M.

Cultural program

Bonsai Exhibition
from the collection of the Szabó Family, Hódmezővásárhely

Venue: Student Hostel Lounge
Address: Hódmezővásárhely, Petőfi u. 10-12.
Time: 17:00

Reception dinner

Venue: Ginkgo Hotel
Address: Hódmezővásárhely, Zrínyi u. 2
Time: 18:00

Agricultural Exhibition and Fair

Transfer to Agricultural Exhibition and Fair

Conference participants who registered for transfer to the Exhibition can take the minibus outside the Students' Hostel in Petőfi Street at 8:30 a.m. on 9th May 2019

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THE SCIENTIFIC CONFERENCE IS SPONSORED BY



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