16th International Congress of the Hungarian Society for Microbiology

Commemorating the 60th Anniversary of the Organization's Foundation

PROGRAMME

Eötvös Loránd University
Budapest, Hungary
July 20-22, 2011

PROGRAMME
of the

16th International Congress
of the

Hungarian Society for Microbiology

Organized
by the

Hungarian Society for Microbiology,
the Faculty of Science, Eötvös Loránd University,
the Hungarian Society for Immunology,
the Biotechnological Section of the Hungarian Biochemical Society,
the Foundation of the Hungarian Society for Microbiology

Eötvös Workshops of Science Conference

Eötvös Loránd University
Budapest, Hungary
July 20-22, 2011

Programme at a glance

Tuesday, July 19		18.00-21.30	Registration
Wednesday, July 20		7.00-17.00	Registration
	Conference Hall		
		10.30-11.00	Opening Ceremony
		11.00-13.00	Manninger Memorial Session
	Auditorium No. 1		
		14.00-17.30	Plenary Session – New Techniqes and Novel Approaches in Microbiology
	Danube boat		
		19.30-	Congress Banquet onbard a Danube boat with live music
Thursday, July 21		8.00-13.00	Registration
	Auditorium No. 1		
		9.00-13.00	Bacteriology Session I. and II.
		14.00-16.00	Bacteriology Session III.
	Auditorium No. 2		
		9.00-11.30	Virology Session I. and II.
		14.00-16.00	Virology Session III. and IV.
	Classroom No. 1		
		9.00-13.00	Fungal Biotechnology Session I. and II.
		14.30-16.05	Mycology Session
	Classroom No. 2		
		9.00-10.20	Agricultural Microbiology Session
		11.00-12.50	Food Microbiology Session
	Poster Corridor		
		10.00-11.00	Environmental Microbiology Poster Session
		12.00-12.30	Virology Poster Session
		13.00-14.00	Agricultural Microbiology Poster Session
		14.00-15.00	Immunology and Parasitology Poster Session
		15.00-16.00	Food Microbiology Poster Session
		17.00-	Visit and Dinner in the Törley Sparkling-wine Factory" – optional

Friday, July 22		
	Auditorium No. 2	
	9.00-11.45	Virology Session V. and VI.
	Classroom No. 1	
	9.00-11.00	Environmental Microbiology Session
	Classroom No. 2	
	9.00-11.50	Immunology and Parasitology Session
	Poster Corridor	
	9.00-9.30	Industrial Microbiology Poster Session
	9.30-10.30	Bacteriology Poster Session
	10.30-11.30	Mycology Poster Session
	Lunch and Exhibition Corridor	
	13.00	Farewell drink
	Biological and Geological Collection	
	13.30	Visit to the Biological and Geological Collection of the Faculty of Science, Eötvös Loránd University

Detailed Programme

Wednesday, July 20

Conference Hall

10.30 **Opening Ceremony**

Welcome Addresses of

János Minárovits
President of the Hungarian Society for Microbiology

Zoltán Homonnay
Vice-dean, Faculty of Science, Eötvös Loránd University

11.00-13.00 **Manninger Memorial Session**

Chairpersons: János Minárovits and Károly Márialigeti

Manninger Lectures

11.00-11.30

♦KORNÉL L. KOVÁCS[1], Z. BAGI[1], ETELKA KOVÁCS[1], G. MARÓTI[2], EMMA SZŐRI-DOROGHÁZI[1], N. ÁCS[3], R. WIRTH[1], R. TENGÖLICS[1], A. FÜLÖP[1], G. RÁKHELY[3]

INDUSTRIAL MICROBIOLOGY FOR THE PRODUCTION OF BIOHYDROGEN AND BIOGAS

[1]Department of Biotechnology, University of Szeged; [2]Baygen Institute, Bay Zoltán Applied Research Foundation; [3]Institute of Biophysics, Biological Research Center, Hungarian Academy of Sciencesor 52, Szeged, Hungary

11.30-12.00

MIKLÓS PESTI

SOME ASPECTS OF REGULATION OF OXIDATIVE STRESS PROCESSES IN YEAST

Department of General and Environmental Microbiology, Faculty of Sciences, University of Pécs, Pécs, Hungary

Inaugural Lectures by Honorary Members of the Hungarian Society for Microbiology

12.00-12.30

WOLFGANG GRANINGER

FUNGI – FRIEND OR FOE?

Clinical Department of Infections and Tropical Medicine, 1st Depertment of Internal Medicine, Medical University of Vienna, Vienna, Austria

12.30-13.00

PETER SCHUMANN

MALDI-TOF MASS SPECTROMETRY – A HIGH-THROUGHPUT TOOL FOR PROTEIN-BASED IDENTIFICATION OF MICROORGANISMS AND ITS TAXONOMIC RESOLUTION

Leibniz-Institute, DSMZ-German Collection of Microorganisms and Cell Cultures, Braunschweig, Germany

13.00-14.00 Lunch break

Wednesday, July 20

Auditorium No.1

14.00-17.30 Plenary Session - New Techniqes and Novel Approaches in Microbiology

Chairpersons: Peter Schumann and Erzsébet Nagy

14.00-14.30
NAP-1
PAUL A. BARROW

INFECTION CONTROL FOR THE 21ST CENTURY – NEW MEDICINES FOR NEW AND OLD AILMENTS

School of Veterinary Medicine and Science, University of Nottingham, United Kingdom

14.30-15.00
NAP-2
ERZSÉBET NAGY

NEW WAYS IN CLINICAL MICROBIOLOGY: RAPID DETECTION of RESISTANT ORGANISMS WITH MALDI-TOF MS

Institute of Clinical Microbiology, University of Szeged, Szeged, Hungary

15.00-15.30

NAP-3

MAURO PISTELLO

THE FELINE IMMUNODEFICIENCY VIRUS AS A SMALL ANIMAL MODEL of HIV

Retrovirus Centre and Virology Section, Department of Experimental Pathology, University of Pisa, Pisa, Italy

15.30-16.00 Coffee break

16.00-16.30
NAP-4
♦LÁSZLÓ NAGY[1], G. KOVÁCS[2], T. PETKOVITS[1], KERSTIN VOIGT[3], CS. VÁGVÖLGYI[1], T. PAPP[1]

WHERE IS THE UNSEEN FUNGAL DIVERSITY HIDING? A STUDY OF *MORTIERELLA* REVEALS A HIGH CONTRIBUTION OF TYPE STRAIN SEQUENCING TO THE IDENTIFIABILITY OF ENVIRONMENTAL SEQUENCES.

[1]Department of Microbiology, University of Szeged, Szeged, Hungary; [2]Department of Plant Physiology, Eötvös Loránd University, Budapest, Hungary; [3]Department of Microbiology, Institute of Microbiology, School of Biology and Pharmacy,University of Jena, Jena, Germany

16.30-17.00
NAP-5
JAN DE BONT

ETHANOL PRODUCTION FROM SECOND GENERATION FEEDSTOCKS

C5 Yeast Company B.V., Bergen op Zoom, Netherlands

17.00-17.30
NAP-6
OLGICA DJURKOVIĆ-DJAKOVIĆ

NOVEL APPROACHES TO THE DIAGNOSIS OF TOXOPLASMOSIS: THE ROLE OF MOLECULAR METHODS

National Reference Laboratory for Toxoplasmosis, Centre for Parasitic Zoonoses, Institute for Medical Research, University of Belgrade, Belgrade, Serbia

19.30 Congress Banquet onboard a Danube boat with live music

Thursday, July 21

Auditorium No.1

9.00-10.35 Bacteriology Session I: Kétyi Iván – Lányi Béla Memorial Session

Chairpersons: Levente Emődy and Mária Herpay

9.00-9.10
BOP-1
LEVENTE EMŐDY

IN MEMORIAM PROFESSOR IVÁN KÉTYI

Department of Medical Microbiology and immunology, University Medical School, Pécs; and Veterinary Medical Research Institute, Hungarian Academy of Sciences, Budapest, Hungary

9.10-9.20
BOP-2
MÁRIA HERPAY

IN MEMORIAM DR BÉLA LÁNYI

Bacteriological Department II, National Reference Laboratory, National Center for Epidemiology, Budapest, Hungary

9.20-9.35
BOP-3
♦SZILVIA MELEGH[1], GY. SCHNEIDER[2], MARIANN VELÁNCSICS[2], IVELINA DAMJANOVA[2], L. EMŐDY[2], Z. TIGYI[2]

DOMINANCY OF N/ST15 PULSOTYPE OF EXTENDED SPECTRUM BETA-LACTAMASE (ESBL) PRODUCING *KLEBSIELLA PNEUMONIAE* ISOLATES IN THE UNIVERSITY HOSPITAL OF PÉCS BETWEEN 2004-2009

[1]Department of Medical Microbiology and Immunology; [3]Institute of Environmental Sciences Faculty of Sciences, University of Pécs, Pécs; [2]Department of Phage Typing and Molecular Epidemiology, National Center For Epidemiology, Budapest, Hungary

9.35-9.50
BOP-4
♦ZOLTÁN TIGYI[1], SZILVIA MELEGH[1], L. PÓTÓ[2], L. EMŐDY[1]

DISTRIBUTION OF DIFFERENT IRON UPTAKE SYSTEMS AMONG *KLEBSIELLA PNEUMONIAE* STRAINS ISOLATED FROM WOUND, URINARY AND BLOOD STREAM INFECTIONS

[1]Department of Medical Microbiology and Immunology; [2]Institute of Bioanalysis, Medical School, University of Pécs, Pécs, Hungary

9.50-10.05
BOP-5
♦MÓNIKA KERÉNYI[1], J. SZALONTAI[2], ESZTER VÖRÖS[2], I. BÁTAI[2], L. EMŐDY[1]

INCIDENCE OF HAEMOLYSIN GENES IN DIFFERENT PATHOGENIC *ESCHERICHIA COLI* ISOLATES OF HUMAN ORIGIN

[1]Department of Medical Microbiology; [2]Department of Aneestesia and Intensive Care Unit, University of Pécs, Pécs, Hungary

10.05-10.20
BOP-6
♦DOMONKOS SVÁB, I. TÓTH

CYTOLETHAL DISTENDING TOXIN (CDT-V) OPERON IS FLANKED BY P2-LIKE PHAGE ELEMENTS IN BOVINE *ESCHERICHIA COLI* O157

Veterinary Medical Research Institute, Hungarian Academy of Sciences, Budapest, Hungary

10.20-10.35
BOP-7

♦MÁRIA HERPAY, BERNADETT PÁLYI, SZ. TÓTH, ÁGNES CSOHÁN, KATALIN KRISZTALOVICS

ENTEROAGGREGATIVE SHIGA TOXIN PRODUCING *ESCHERICHIA COLI* O104:H4 OUTBREAK IN GERMANY AND ITS CONSEQUENCES FOR EUROPE AND HUNGARY

Bacteriological Department II, National Reference Laboratory, National Center for Epidemiology, Budapest, Hungary

10.35-11.00 Coffee break

11.00-13.00 Bacteriology Session II: Clinical Microbiology

Chairpersons: Miklós Füzi and Ferenc Somogyvári

11.00-11.30
BOP-8

ULRICH DOBRINDT

***ESCHERICHIA COLI* GENOME PLASTICITY: IMPLICATIONS FOR EVOLUTION OF BACTERIAL PATHOGENS AND STRAIN TYPING**

Institute of Hygiene, University of Münster, Germany

11.30-12.00
BOP-9

ANDREA HORVÁTH[3], K. NAGY[1], S. ZISSMAN[1], ♦MIKLÓS FÜZI[1]

THE EXTENT OF FITNESS COST ASSOCIATED WITH RESISTANCE TO FLUOROQUINOLONES IN METHICILLIN-RESISTANT *STAPHYLOCOCCUS AUREUS* IS DIVERSE ACROSS STRAINS WHICH MAY GOVERN CAPACITY TO DISSEMINATE IN THE HOSPITAL SETTING AND COULD DETERMINE CLONAL DYNAMIC

[1]Institute for Medical Microbiology, Semmelweis University; [2]Department of Bacteriology; [3]Department of Molecular Epidemiology, National Center for Epidemiology, Budapest, Hungary

12.00-12.15
BOP-10

♦LUCIA BIROŠOVÁ, KAMILA ŠMELKOVÁ

CIPROFLOXACIN RESISTANCE COULD BE CONNECTED WITH MUTATIONS OCCURRING IN STATIONARY PHASE

Department of Nutrition and Food Assessment, Institute of Biochemistry, Nutrition and Health Protection, Faculty of Chemical and Food Technology, Slovak University of Technology, Bratislava, Slovakia

12.15-12.30
BOP-11

♦JÓZSEF SÓKI, ANIKÓ KESZŐCZE, EDIT URBÁN, GABRIELLA TERHES, ELISABETH NAGY

THE GENETIC MECHANISMS BEHIND THE CEPHALOSPORIN RESISTANCE OF *BACTEROIDES* SPP.

Institute of Clinical Microbiology, University of Szeged, Szeged, Hungary

12.30-12.45
BOP-12

Z. PETŐ[1], Á. HORVÁTH[2], DÓRA ÁBRAHÁM[2], ADRIENN BAJCZI[1], YVETTE MÁNDI[1], CS. VÁGVÖLGYI[3], ♦FERENC SOMOGYVÁRI[1]

PATHOGEN DETECTION FROM WHOLE BLOOD WITHOUT DNA PREPARATION

[1]Department of Anaesthesiology and Intensive Care; [2]Department of Medical Microbiology and Immunbiology; [3]Department of Microbiology, University of Szeged, Szeged, Hungary

12.45-13.00
BOP-13

♦ZSUZSANNA RITA DOMBRÁDI[1], ANITA KOZÁK[1], GABRIELLA BOKORNÉ LÉVAI[1], KATALIN ILLÉSNÉ HORVÁTH[1], L. MARÓDI[2], JUDIT SZABÓ[1]

ISOLATION OF PANTON-VALENTINE LEUKOCIDIN TOXIN POSITIVE METHICILLIN-SENSITIVE *STAPHYLOCOCCUS AUREUS* STRAINS IN DEBRECEN

[1]Department of Medical Microbiology; [2]Department of Infectology and Pediatric Immunology, University of Debrecen, Debrecen, Hungary

13.00-14.00 Lunch break

14.00-16.00 Bacteriology Session III: Clinical Microbiology

Chairpersons: Elisabeth Nagy and Orsolya Dobay

14.00-14.20
BOP-14

♦JÓZSEF SÓKI, ELISABETH NAGY

ANTIBIOTIC RESISTANCE AND VIRULENCE MECHANISMS OF BACTEROIDES: A GENOMIC APPROACH

Institute of Clinical Microbiology, University of Szeged, Szeged, Hungary

14.20-14.40
BOP-15

ADRIENN TÓTHPÁL, DIÁNA ITZKOVICZ, SZILVIA KARDOS, K. NAGY, ♦ORSOLYA DOBAY

PRESENCE OF PILI IN *STREPTOCOCCUS PNEUMONIAE*: CLINICAL SPECIMENS AND ISOLATES FROM HEALTHY CARRIERS

Institute of Medical Microbiology, Semmelweis University, Budapest, Hungary

14.40-15.00
BOP-16

♦ANNAMÁRIA SZMOLKA[1], DANIELA FORTINI[2], LAURA VILLA[2], ALESSANDRA CARATTOLI[2], M.F. ANJUM[3], B. NAGY[1]

FIRST REPORT ON INCN PLASMID-MEDIATED QUINOLONE RESISTANCE DETERMINANT QNRS1 IN PORCINE *ESCHERICHIA COLI* IN EUROPE

[1]Veterinary Medical Research Institute, Hungarian Academy of Sciences, Budapest, Hungary; [2]Department of Infectious, Parasitic and Immune-Mediated Diseases, Istituto Superiore Di Sanità, Rome, Italy; [3]Technology Transfer Unit, Veterinary Laboratories Agency, Weybridge, UK

15.00-15.20
BOP-17

♦LÁSZLÓ KARI[1], M.M. GOHEEN[1], LINNELL B. RANDALL[1], D. VIRÓK[2], VALÉRIA ENDRÉSZ[4], D.E. NELSON[3], H.D. CALDWELL[1]

HOW TO KNOCKOUT GENES FROM A GENETICALLY INTRACTABLE OBLIGATE INTRACELLULAR PATHOGEN OF HUMANS: *CHLAMYDIA TRACHOMATIS*

[1]Laboratory of Intracellular Parasites, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Hamilton, MT, USA; [2]Institute of Clinical Microbiology, University of Szeged, Szeged, Hungary; [3]Department of Biology, Indiana University, Bloomington, IN, USA. [4]Department of Medical Microbiology and Immunobiology, University of Szeged, Szeged, Hungary. [5]Department of Medical Microbiology, University of Manitoba, Winnipeg, Manitoba, Canada.

15.20-15.40
BOP-18

♦VINCE GROLMUSZ, G. IVÁN, D. BÁNKY

USING GRAPH-THEORETICAL METHODS FOR TARGET IDENTIFICATION IN MICROBIAL PROTEIN NETWORKS

Institute of Mathematics, Eötvös Loránd University, Budapest, Hungary

15.40-16.00
BOP-19

♦RÉKA SZABÓ, ENIKŐ WEHMANN, T. MAGYAR

ISOLATION AND CHARACTERISATION OF *ORNITHOBACTERIUM RHINOTRACHEALE* FROM WILD AND DOMESTICATED BIRDS IN HUNGARY

Veterinary Medical Research Institute, Hungarian Academy of Sciences, Budapest, Hungary

Thursday, July 21

Auditorium No.2

9.00-10.05 Virology Session: Tumor Inducing Viruses and Neoplasia I.

Chairpersons: Peter Medveczky and János Minárovits

9.00-9.20
VOP-1

♦DÉNES KARASSZON, G. KELEMÉRI

CHARLES JÁRMAI, TUMOR VIRUS RESEARCHER, FORERUNNER TO INVENTION OF THE ENZYME REVERSE TRANSCRIPTASE

Budapest

9.20-9.35
VOP-2

♦ESZTER GYÖNGYÖSI, ANITA SZALMÁS, ANNAMÁRIA FERENCZI, J. KÓNYA, GY. VERESS

EFFECT OF HUMAN PAPILLOMAVIRUS ONCOPROTEINS ON THE EXPRESSION OF INVOLUCRIN IN HUMAN KERATINOCYTES

Department of Medical Microbiology, Medical and Health Science Center, University of Debrecen, Debrecen, Hungary

9.35-9.50
VOP-3

♦ANNAMÁRIA FERENCZI, ESZTER GYÖNGYÖSI, J. KÓNYA, GY. VERESS

HUMAN PAPILLOMAVIRUS 31 LCR (LONG CONTROL REGION) SEQUENCE VARIATION: PHYLOGENETIC AND FUNCTIONAL ANALYSIS

Department of Microbiology, University of Debrecen, Debrecen, Hungary

9.50-10.05
VOP-4

♦FERENC BÁNÁTI[1], BARBARA BÁNKUTI[1], Z. GYŐRI[1], KRISZTINA BUZÁS[1], MÁRIA TAKÁCS[2], BERNADETTE SCHOCKET[3], IBOLYA SOLTÉSZ[4], A. CSEKEŐ[5], H.H. NILLER[6], J. MINÁROVITS[1]

ANALYSIS OF TTV SEQUENCES IN LUNG CARCINOMAS AND NON-TUMOROUS HUMAN LUNG TISSUES

[1]Microbiological Research Group; [2]Department of Virology, National Center for Epidemiology; [3]National Institute of Oncology, Budapest; [4]Department of Pathology; [5]Department of Thoracic Surgery, Korányi National Institute of Pulmonology, Budapest, Hungary; [6]Institute for Medical Microbiology and Hygiene, University of Regensburg, Regensburg, Germany

10.05-10.20 Coffee break

10.20-11.30 Virology Session: Tumor Inducing Viruses and Neoplasia I.

Chairpersons: Julius Rajčáni and Dénes Karasszon

10.20-10.40
VOP-5

MARIA MEDVECZKY[1], JESSE ARBUCKLE[1], SHARA PANTRY[1], J. LUKA[2], R. RENNE[3], D. ABLASHI[4], ♦PÉTER MEDVECZKY[1]

THE LATENT AND INHERITED HUMAN HERPESVIRUS-6A AND 6B IS A POSSIBLE CAUSE OF A SUBGROUP OF CHRONIC FATIGUE SYNDROME CASES

[1]Department of Molecular Medicine, University of South Florida, Tampa, FL; [2]Bioworld Consulting Laboratories, Mt. Airy, MD; [3]University of Florida, Gainesville, FL; [4]The HHV-6 Foundation, Santa Barbara, CA, USA

10.40-10.55
VOP-6

♦László Orosz[1], Kata Pásztor[1], Zsuzsanna Bata-Csörgő[2], L. Kemény[2], Yvette Mándi[1], Klára Megyeri[1]

IN VITRO INVESTIGATION OF THE ROLE p63 PLAYS IN VESICULAR STOMATITIS VIRUS (VSV) AND HERPES SIMPLEX VIRUS (HSV) INFECTIONS

[1]Department of Medical Microbiology and Immunobiology; [2]Dermatological Research Group, Hungarian Academy of Sciences and Department of Dermatology and Allergology, University of Szeged, Szeged, Hungary

10.55-11.10
VOP-7

♦Kálmán Szenthe[1], Katalin Bakos[2], F. Bánáti[2], Anita Koroknai[2], H.H. Niller[3], J. Minárovits[1]

HIGH RESOLUTION METHYLATION ANALYSIS OF THE HUMAN CD40 PROMOTER IN EPSTEIN-BARR VIRUS (EBV) POSITIVE AND NEGATIVE CELL LINES

[1]RT-Europe Nonprofit Ltd., Mosonmagyaróvár; [2]Microbiological Research Group, National Center For Epidemiology, Budapest, Hungary; [3]Institut für Medizinische Mikrobiologie und Hygiene, Universität Regensburg, Regensburg, Germany

11.10-11.30
VOP-8

♦Julius Rajčáni[1], L. Stipkovits[2], K. Szenthe[1], Z. Báthory[1], Vladimíra Ďurmanová[1], Susane Szathmáry[3]

EPSTEIN BARR VIRUS (EBV) VACCINE DEVELOPMENT STRATEGIES AND THE DESIGN OF A POLYEPITOPE VACCINE

[1]Research Triangle Europe; [2]Carlsbad Ltd.; [3]Galenbio, Mosonmagyaróvár, Hungary

11.30-14.00 Lunch break

14.00-14.45 Virology Session III: Immunodeficiency Viruses

Chairpersons: Mauro Pistello and Károly Nagy

14.00-14.15
VOP-9

♦Joseph Ongrádi[1], Valéria Kövesdi[1], D. Ablashi[2], P. Lusso[3], D. Di Luca[4], K. Nagy[1]

HUMAN AND ANIMAL MODELS TO STUDY TRANSACTIVATION OF HIV BY HETEROLOGOUS VIRUSES

[1]Institute of Medical Microbiology, Semmelweis University, Budapest, Hungary; [2]HHV-6 Foundation, USA; [3]Laboratory of Immunoregulation, NIAID, NIH, USA; [4]Intitute of Microbiology, University of Ferrara, Ferrara, Italy

14.15-14.30
VOP-10

♦Szilvia Kanizsai[1], Á. Ghidán[1], J. Aradi[2], K. Nagy[1]

REDUCTION OF HIV INFECTIVITY IN VITRO BY MODIFYING CD4 BINDING SITE WITH THYOLATED NUCLEOTIDES

[1]Institute of Medical Microbiology, Semmelweis University, Budapest; [2]Department of Biochemistry, University of Debrecen, Debrecen, Hungary

14.30-14.45
VOP-11

JOSHUA.T. HERBECK[1], ♦VIKTOR MÜLLER[2], B.S. MAUST[1], B. LEDERGERBER[3], C. TORTI[4], SIMONA DI GIAMBENEDETTO[5], L. GRAS[6], G.F. HULDRYCH[3], LISA P. JACOBSON[7], J.I. MULLINS[1], G.S. GOTTLIEB[8]

IS HIV-1 BECOMING MORE VIRULENT? A META-ANALYSIS OF TRENDS IN PROGNOSTIC MARKERS OF HIV-1 DISEASE PROGRESSION

[1]Department of Microbiology, University of Washington, Washington, USA; [2]Institute of Biology, Eötvös Loránd University, Budapest, Hungary; [3]Division of Infectious Diseases and Hospital Epidemiology, University Hospital Zürich, Zürich, Switzerland; [4]Institute of Infectious and Tropical Diseases, University of Brescia, Brescia, Italy; [5]Institute of Infectious Diseases, Catholic University of Sacred Heart, Rome, Italy; [6]Stichting HIV Monitoring, Netherlands; [7]Bloomberg School of Public Health, Johns Hopkins University, USA; [8]Department of Medicine, University of Washington, Washington, USA

14.45-15.00 Coffee break

15.00-16.00 Virology Session IV: Viruses and Immunity

Chairpersons: Joseph Sinkovics and Yvette Mándi

15.00-15.15
VOP-12

♦JOSEPH G. SINKOVICS

INFLAMMATORY CARCINOGESIS: I. GENERATING TUMOR CELLS IN THE INFLAMMASOME

St. Joseph Hospital's Cancer Institute Affiliated with the H. L. Moffitt Comprehensive Cancer Center; Department of Molecular Medicine, The University of South Florida College of Medicine. Tampa, FL, USA

15.15-15.30
VOP-13

♦JOSEPH G. SINKOVICS

INFLAMMATORY CARCINOGENESIS. II. THE CELLULAR DNA IS INDUCED TO RESUME ITS ANCIENT FORMATION EXISTING IN THE ERA of THE "PRIMORDIAL GENE POOL" and IN THE GENOMES of THE FIRST UNICELLULAR EUKARYOTES

St. Joseph Hospital's Cancer Institute Affiliated with the H. L. Moffitt Comprehensive Cancer Center; Department of Molecular Medicine, The University of South Florida College of Medicine, Tampa, FL, USA

15.30-15.45
VOP-14

♦ANITA SZALMÁS[1], P. CSOMOR[2], J. KÓNYA[1], I. SZIKLAI[2], T. KAROSI[2]

ALTERED CO-EXPRESSION OF CD46 MEASLES VIRUS RECEPTOR ISOFORMS IN OTOSCLEROSIS

[1]Department of Medical Microbiology; [2]Department of Otolaryngology Head and Neck Surgery, Medical and Health Science Center, University of Debrecen, Debrecen, Hungary

15.45-16.00
VOP-15

♦CSABA DRÉN[1], V. PÁLFI[2], R. GLÁVITS[2], ANNA STOLL[1], I. HÉJJA[1], CS. SZÁMADÓ[1], VERONIKA BUSA[1], Z. BODROGKÖZY[3], ENIKŐ WEHMANN[1]

STUDIES ON THE SAFETY AND IMMUNOGENICITY OF AVIAN INFLUENZA VECTOR VACCINES IN MUSCOVY AND PEKIN DUCKS

[1]Veterinary Medical Research Institute, Hungarian Academy of Sciences; [2]Central Agricultural Office Veterinary Diagnostic Directorate, Budapest; [3]Private Veterinarians, Budapest, Hungary

Thursday, July 21

Classroom No.1

9.00-11.00 Fungal Biotechnology Session I.

Chairpersons: Jan de Bont and Bernhard Seiboth

9.00-9.30
FBP-1
BERNHARD SEIBOTH

NEW TARGETS FOR GENETIC STRAIN IMPROVEMENT IN THE CELLULASE PRODUCER *TRICHODERMA REESEI*

Institute of Chemical Engineering, Vienna University of Technology, Vienna, Austria

9.30-10.00
FBP-2
I. STUPAREVIĆ, R.TEPARIĆ, ♦VLADIMIR MRŠA

LOCALIZATION OF PROTEINS IN THE YEAST CELL WALL

Laboratory of Biochemistry, Faculty of Food Technology and Biotechnology, University of Zagreb, Zagreb, Croatia

10.00-10.15
FBP-3
♦ÁRPÁD CSERNETICS, G. NAGY, ANITA FARKAS, CS. VÁGVÖLGYI, T. PAPP

ANALYSIS OF *MUCOR CIRCINELLOIDES* CAROTENOID PRODUCING STRAINS TRANSFORMED WITH HOMOLOGOUS AND HETEROLOGOUS GENES

Department of Microbiology, University of Szeged, Szeged, Hungary

10.15-10.30
FBP-4
♦ERZSÉBET FEKETE[1], L. KARAFFA[1], ÉVA FEKETE[1], A. SZENTIRMAI[1], B. SEIBOTH[2], C.P. KUBICEK[2], M. FLIPPHI[3]

IDENTIFICATION OF A BETA-GALACTOSIDASE/LACTOSE PERMEASE GENE COUPLE AND THE CHARACTERISATION OF LACTOSE TRANSPORT IN *ASPERGILLUS NIDULANS*

[1]Department of Genetics and Applied Microbiology, Faculty of Science and Technology, University of Debrecen, Debrecen, Hungary; [2]Research Area Gene Technology and Applied Biochemistry, Institute of Chemical Engineering, TU Wien, Wien, Austria; [3]Instituto de Agroquímica y Tecnología de Alimentos, Consejo Superior de Investigaciones Científicas, Burjassot, Valencia, Spain

10.30-10.45
FBP-5
♦OTTÓ BENCSIK[1], ANITA FARKAS[1], A. SZEKERES[2], CS. VÁGVÖLGYI[1], T. PAPP[1]

PURIFICATION AND CHARACTERISATION OF DIFFERENT OPHIOBOLIN COMPOUNDS

[1]Department of Microbiology, University of Szeged, Szeged; [3]Analytical Laboratory, Fumoprep Ltd., Mórahalom, Hungary

11.45-11.00
FBP-6
♦ISABELLE BENOIT[1], HU HONGLÍ[1], J. VAN DEN BRINK[1], BIRGIT GRUBEN[1], H. WOSTEN[1], R. DE VRIES[2]

CO-CULTIVATIONS OF FUNGI IMPROVE THE PRODUCTION OF SPECIFIC ENZYMES

[1]Microbiology, University of Utrecht; [2]CBS-KNAW Fungal Biodiversity Centre, Utrecht, The Netherlands

11.00-11.15 Coffee break

11.15-13.00 Fungal Biotechnology Session II.

Chairpersons: Kornél L. Kovács and Roland P. de Vries

11.15-11.45
FBP-7
RONALD P. DE VRIES

MINING FUNGAL BIODIVERSITY USING THE FUNG-GROWTH DATABASE

CBS-KNAW Fungal Biodiversity Centre, Utrecht, Netherlands

11.45-12.00
FBP-8
♦ANDRÁS TÓTH[1], GÁBOR RÁKHELY[1,2], KORNÉL L. KOVÁCS[1,2],

GLUCOAMYLASE PRODUCTION IN *PICHIA PASTORIS* EXPRESSION SYSTEM

[1]Indtitute of Biophysics, Biological Research Centre; [2]Department of Biotechnology, University of Szeged, Szeged, Hungary

12.00-12.15
FBP-9
♦SZILVIA JÄGER[1], ERZSÉBET FEKETE[1], M. FLIPPHI[2], ÉVA FEKETE[1], ANITA KONDÁS[1], N. ÁG[1], L. KARAFFA[1]

INVOLVEMENT OF INTRA- AND EXTRACELLULAR BETA-GALACTOSIDASES IN LACTOSE CATABOLISM IN *PENICILLIUM CHRYSOGENUM*

[1]Department of Biochemical Engineering, Faculty of Science and Technology, University of Debrecen, Debrecen, Hungary; [2]Instituto de Agroquímica y Tecnología de Alimentos, Consejo Superior de Investigaciones Científicas, Burjassot, Valencia, Spain

12.15-12.30
FBP-10
♦ANNA RÁCZ-MÓNUS, MÁRTON NÉMETH, ÁKOS SVEICZER

NEW APPROACHES OF SIZE CONTROL IN FISSION YEAST

Department of Applied Biotechnology and Food Science, Budapest University of Technology and Economics, Budapest, Hungary

12.30-12.45
FBP-11
♦JÓZSEF KUKOLYA[1], M. CSERHÁTI[1], CSILLA KRIFATON[1], CS. DOBOLYI[1], M. MÉHES[2], MÁRTA ERDÉLYI[2], ZS. ANCSIN[2], CS. CSUKA[3], E. NAGY[4], ANITA LEPOSSA[4], JUDIT HÁHN[5], T. RIKKER[6], S. SZOBOSZLAY[6], B. KRISZT[1]

NEW OPPORTUNITIES FOR MYCOTOXIN MONITORING AND DEGRADATION BASED ON THE RESULTS OF THE MYCOSTOP RESEARCH PROGRAM

[1]Department of Environmental Protection & Environmental Safety; [2]Department of Nutrition, Faculty of Agricultural and Environmental Sciences, Szent István University, Gödöllő; [3]Csuka Gabona Ltd., Szokolya; [4]Research Institute of Chemical and Process Engineering, University of Pannonia, Veszprém; [5]Regional University Center of Excellence in Environmental Industry, Szent István University, Gödöllő; [6]Wessling Hungary Ltd., Budapest, Hungary

12.45-13.00
FBP-12
♦QUANG D. NGUYEN, K. DÉNES, G. GURIN, CSILLA FARKAS, JUDIT M. REZESSY-SZABÓ, Á. HOSCHKE

ENHANCE EFFICIENCY OF ETHANOL PRODUCTION BY FERMETATION WITH MIXED CULTURES AND IMMOBILIZED CELLS

Department of Brewing and Distilling, Corvinus University of Budapest, Budapest, Hungary

13.00-14.30 Lunch break

14.30-15.45 Mycology Session

Chairpersons: Vladimir Mrša and Oscar Zaragoza

14.30-15.00
MOP-1
OSCAR ZARAGOZA

ROLE OF MORPHOLOGICAL CHANGES IN THE VIRULENCE OF *CRYPTOCOCCUS NEOFORMANS* AND *CRYPTOCOCCUS GATTII*

Mycology Reference Laboratory, National Centre for Microbiology. Instituto de Salud Carlos III., Madrid, Spain

15.00-15.20
MOP-2
♦GÁBOR PÉTER, JUDIT TORNAI-LEHOCZKI, D. DLAUCHY

NEW TAXA OF THE FAMILY TRICHOMONASCACEAE FROM HUNGARY

National Collection of Agricultural and Industrial Microorganisms, Faculty of Food Sciences, Corvinus University of Budapest, Budapest, Hungary

15.20-15.35
MOP-3
♦SYLVIA KLAUBAUF[1], EVY BATTAGLIA[2], JULIE VALLET[3], CECILE RIBOT[3], M.H. LEBRUN[4], R. DE VRIES[1]

THE ROLE OF XLR1 IN PENTOSE CATABOLISM AND PATHOGENICITY IN THE RICE BLAST FUNGUS *MAGNAPORTHE ORYZAE*

[1]CBS-KNAW Fungal Biodiversity Centre, Fungal Physiology, Utrecht; [2]Microbiology, Utrecht University, Utrecht, Netherlands; [3]Bayer Cropscience, Paris, France; [4]INRA, BIOGER, France

15.35-15.50
MOP-4
♦ZSUZSANNA BARBARA GRÓZER, ZSUZSANNA HAMARI, RENÁTA TÓTH , CS. VÁGVÖLGYI, A. GÁCSER

THE ROLE OF PGE2 IN THE VIRULENCE OF *CANDIDA PARAPSILOSIS*

Department of Microbiology, University of Szeged, Szeged, Hungary

15.50-16.05
MOP-5
♦PÉTER FERENC HORVÁTH, ZSUZSANNA HAMARI, T. NÉMETH, A. GÁCSER

THE ROLE OF *CANDIDA PARAPSILOSIS* SECRETED ASPARTYL PROTEASE 1 IN HOST-PATHOGEN INTERACTIONS

Department of Microbiology, Szeged University, Szeged, Hungary

Thursday, July 21

Classroom No. 2

9.00-12.35 Agricultural Microbiology Session

Chairpersons: Borbála Bíró and Csaba Dobolyi

9.00-9.20
AOP-1
BORBÁLA BIRÓ

SOIL-PLANT-MICROBE INTERACTIONS AND SESSION OF „AGRICULTURAL AND FOOD MICROBIOLOGY" FOUNDED BY M. KECSKÉS

Research Institute for Soil Science and Agricultural Chemistry, Hungarian Academy of Sciences, Budapest; and Department of Natural Sciences and Ecology, College of Dunaújváros, Dunaújváros, Hungary.

9.20-9.35
AOP-2
MÁRK KOVÁCS[1], Á. IMRI[1], MELINDA DUDÁS[1], VIKTÓRIA VINCZE[2], GY. ÁRVAY[2], ♦KLÁRA CZAKÓ-VÉR[1]

SOIL DEPENDENT EFFICIENCY OF PLANT-MICROBE (WHEAT-MYCORRHIZA) INTERACTION AT INCREASING DOSES OF NITROGEN FERTILIZER

[1]Institute of Environmental Sciences, Faculty of Sciences, University of Pécs; [2]Laboratory of Soil Biology, Directorate of Plant Protection, Soil Conservation and Agri-Environment, Pécs, Hungary

9.35-9.50
AOP-3
♦TIBOR SZILI-KOVÁCS[1], E. MOLNÁR[2], ILONA VILLÁNYI[1], ÁGNES BÁLINT[2], GY. HELTAI[2], A. ANTON[1]

SOIL RESPIRATION AND MICROBIAL ACTIVITY OF UNDISTURBED SOIL COLUMNS UNDER DIFFERENT NITROGEN MANAGEMENT

[1]Research Institute for Soil Science and Agricultural Chemistry, Hungarian Academy of Sciences, Budapest; [2]Department of Chemistry and Biochemistry, Szent István University, Gödöllő, Hungary

9.50-10.05
AOP-4
♦MÁRTA D. TÓTH[1], R. ROHR[2]

RELATIONSHIP BETWEEN PHYLLOSPHERIC MICROBES OF RAGWEED (*AMBROSIA ELATIOR* L.) AND SOIL METAL CONTAMINATION

[1]Institute of Biology, College of Nyíregyháza, Nyíregyháza, Hungary; [2]Institute of Biology, University of Claude Bernard, Lyon, France

10.05-10.20
AOP-5
♦BORBÁLA BIRÓ[1, 2], NIKOLETTA HORVÁTH[1], M. DOMONKOS[2], B. LIBISCH[1]

HORIZONTAL MICROBIOLOGICAL CHARACTERIZATION OF FOREST SOILS TARGETED BY DEICING FLUIDS

[1]Research Institute for Soil Science and Agricultural Chemistry, Hungarian Academy of Sciences, Budapest; [2]College of Dunaújváros, Dunaújváros, Hungary

10.20-11.00 Coffee break

11.00-12.50 Food Microbiology Session

Chairpersons: Tibor Deák and Peter Raspor

11.00-11.20
FOP-1
PETER RASPOR

FOOD CHAIN SAFETY MANAGEMENT SYSTEMS: THE IMPACT OF GOOD PRACTICES

Chair of Biotechnology, Microbiology and Food Safety, Department of Food Science and Technology, Biotecchnical Faculty, University of Ljubljana, Ljubljana, Slovenia

11.20-11.35
FOP-2
TIBOR DEÁK

SUBSTANTIAL CHANGES IN THE CLASSIFICATION OF YEASTS – THE NEW 5TH EDITION OF „THE YEASTS, A TAXONOMIC STUDY", 2011

Department of Microbiology, Corvinus University, Budapest, Hungary

11.35-11.50
FOP-3
JÓZSEF FARKAS[1], ♦JUDIT BECZNER[2]

CLIMATE CHANGE AND FOOD SAFETY

[1]Department of Refrigeration and Livestocks' Products Technology, Corvinus University of Budapest; [2]Central Food Research Institute, Budapest, Hungary

11.50-12.05
FOP-4
♦PETRA HAVAS, Q.D. NGUYEN, JUDIT M. REZESSY-SZABÓ

PURIFICATION AND SOME BIOCHEMICAL PROPERTIES OF α-GALACTOSIDASE ENZYME FROM *BIFIDOBACTERIUM LACTIS* Bb-12

Department of Brewing and Distilling, Faculty of Food Science, Corvinus University of Budapest; Budapest, Hungary

12.05-12.20
FOP-5
♦GYÖNGYI SZIGETI, S. KOCSUBÉ, J. VARGA

BLACK ASPERGILLI AND FUMONISIN CONTAMINATION IN AGRICULTURAL PRODUCTS IN HUNGARY

Department of Microbiology, Faculty of Science and Informatics, University of Szeged, Szeged, Hungary

12.20-12.35
FOP-6
♦GÁBOR PAPP[1], NÓRA MIKE[1], Z. GAZDAG[1], J. BELÁGYI[2], CS. VÁGVÖLGYI[3], M. PESTI[1]

THE EXAMINATION OF ZEARALENONE-INDUCED CYTOTOXIC EFFECTS AND OXIDATIVE STRESS PROCESSES IN *SCHIZOSACCHAROMYCES POMBE*

[1]Department of General and Environmental Microbiology, Faculty of Sciences; [2]Institute of Biophysics, Medical School, University of Pécs, Pécs; [3]Department of Microbiology, Faculty of Science and Informatics, University of Szeged, Szeged, Hungary

12.35-12.50
FOP-7
♦CSABA NÉMETH, J. SURÁNYI, I. DALMADI, L. FRIEDRICH, CS. BALLA

HEAT-RESISTANCE OF *SALMONELLA ENTERITIDIS*, *ESCHERICHIA COLI*, *LISTERIA MONOCYTOGENES* AND *STAPHYLOCOCCUS AUREUS* MICROBES IN LIQUID WHOLE EGG

Department of Refrigeration and Livestock Products Technology, Corvinus University of Budapest, Hungary

12.50-13.05
FOP-8

ROLAND HALÁSZ[1], ♦ILDIKÓ NYILASI[2], CS. VÁGVÖLGYI[2], M. PESTI[3], JUDIT KRISCH[4]

EFFECT OF INOCULUM'S AGE ON THE EFFICACY OF ESSENTIAL OILS

[1]Institute of Food Engineering, Faculty of Engineering; [2]Department of Microbiology, Faculty of Science and Informatics, University of Szeged, Szeged; [4]Department of General and Environmental Microbiology, Faculty of Sciences, University of Pécs, Pécs; [4]Institute of Food Engineering, Faculty of Engineering, University of Szeged, Szeged, Hungary

13.05-13.20
FOP-9

♦CIOBAN E. POYRAZOGLU, HALIL BIYIK, BÜLENT BOZDOGAN

ISOLATION AND IDENTIFICATION OF ACETIC ACID BACTERIA FROM WINE AND VINEGAR SAMPLES IN TURKEY

Biology Department, Faculty of Science and Letters, Adnan Menderes University, Aydın, Turkey

Thursday, July 21

Poster Corridor

10.00-11.00 Environmental Microbiology Poster Session

EPP-1

♦ZSÓFIA BARNA[1], JUDIT KRISZTINA HORVÁTH[2], M. KÁDÁR[1], ANITA SZAX[1], MÁRTA VARGHA[1]

EMERGING PATHOGENS IN WATER SUPPLIES – *LEGIONELLA* COLONIZATION PATTERNS IN THE LIGHT OF EXTERNAL FACTORS AND MANAGEMENT PRACTICES

[1]Department for Water Microbiology, National Institute for Environmental Health; [2]Department of Epidemiology, National Institute For Epidemiology, Budapest, Hungary

EPP-2

♦ANITA SZAX[1], ZSÓFIA BARNA[1], RENÁTA BÁNFI[1], ILDIKÓ PALUSKA[2], JUDIT KRISZTINA HORVÁTH[3], M. KÁDÁR[1], ERIKA KRISZTIÁN[4], JUDIT PÁSZTI[5], KATALIN SÁRI[6], MÁRTA VARGHA[1]

INVESTIGATION OF A TRAVEL ASSOCIATED LEGIONNAIRES' DISEASE CLUSTER

[1]Department for Water Microbiology, National Institute of Environmental Health; [4]Department of Bacteriology (ii); [5]Department of Epidemiology, National Center For Epidemiology, Budapest; [4]Public Health Office, Veszprém County Government Office, Veszprém; [5]Department of Phage Typing and Molecular Epidemiology, National Center For Epidemiology, Budapest; [6]Dorog Regional Public Health Institute, Public Health Office, Komárom-Esztergom County Government Office, Dorog, Hungary

EPP-3

♦ANDREA BORSODI K.[1], T.FELFÖLDI[1], I. MÁTHÉ[2], VIVIEN BOGNÁR[1], MÓNIKA KNÁB[1], G. KRETT[1], LAURA JURECSKA[3], K. MÁRIALIGETI[1]

PHYLOGENETIC DIVERSITY OF BACTERIAL AND ARCHAEAL COMMUNITIES INHABITING THE SALINE LAKE RED LOCATED IN SOVATA, ROMANIA

[1]Department of Microbiology, Eötvös Loránd University, Budapest, Hungary; [2]Department of Technical and Natural Sciences, Sapientia Hungarian University of Transylvania, Miercurea Ciuc, Romania; [3]Cooperative Research Centre for the Environment, Eötvös Loránd University, Budapest, Hungary

EPP-4

♦GERGELY KRETT, ANDREA BORSODI, K. MÁRIALIGETI

SPATIAL AND SEASONAL DIVERSITY OF WATER MICROBIOTA OF LAKE HÉVÍZ REVEALED BY DENATURING GRADIENT GEL ELECTROPHORESIS

Department of Microbiology, Eötvös Loránd University, Budapest, Hungary

EPP-5

GABRIELLA BÜKI[1], ♦MÓNIKA KNÁB[1], K. MÁRIALIGETI[1], J. MÓGA[2], ANDREA BORSODI[1]

COMPARATIVE DIVERSITY INVESTIGATIONS ON KARSTIC SOIL BACTERIAL COMMUNITIES OF THE TAPOLCA BASIN, HUNGARY

[1]Department of Microbiology; [2]Department of Physical Geography, Eötvös Loránd University, Budapest, Hungary

EPP-6

MÁRK STRASSZER[1], ADRIENN KUKOR[1], GY. ÁRVAY[2], ♦KLÁRA CZAKÓ-VÉR[1]

EFFECT OF BIOGAS-DIGESTATE ON DEHYDROGENASE ENZYME ACTIVITY IN DIFFERENT TYPE OF SOILS.

[1]Institute of Environmental Science, Faculty of Sciences, University of Pécs; [2]Laboratory of Soil Biology, Directorate of Plant Protection, Soil Conservation and Agri-environment, Pécs, Hungary

EPP-7

TAMÁS TAUBER[1], ZS. SZABÓ[2], J. KOVÁCS[3], K. MÁRIALIGETI[1], ♦ERIKA M. TÓTH[1]

A NOVEL METHOD TO MEASURE LOW YIELD BIOGAS PRODUCTION

[1]Department of Microbiology, Eötvös Loránd University, Budapest; [2]Institute of Software Technology, John Von Neumann Faculty of Informatics, Óbuda University, Budapest; [3]Department of Physical and Applied Geology, Eötvös Loránd University, Budapest, Hungary

EPP-8

♦BALÁZS WIRTH, T. TAUBER, M. PALATINSZKY, K. MÁRIALIGETI, ERIKA M. TÓTH

THE EFFECTS OF SUBSTRATE CHANGE ON THE OPERATION OF A WASTEWATER SLUDGE DIGESTER

Department of Microbiology, Eötvös Loránd University, Budapest, Hungary

EPP-9

♦ZSUZSANNA NAGYMÁTÉ, Z.G. HOMONNAY, K. MÁRIALIGETI

INVESTIGATION OF THE NITRIFICATION AND DENITRIFICATION PROCESSES FACILITATED BY MICROORGANISMS IN DRINKING WATER NETWORKS

Department of Microbiology, Eötvös Loránd University, Budapest, Hungary

EPP-10

♦ENIKŐ SAJBEN[1], T. ALAPI[2], J. FARKAS[3], K. SCHRANTZ[2], K. MOGYORÓSI[3], L. MANCZINGER[1], ANDREA PALÁGYI[1], CS. VÁGVÖLGYI[1], B. ABRAMOVIČ[9], A. DOMBI[3]

DNA-DAMAGING EFFECTS OF UV-INDUCED PHOTOLYTIC DEGRADATION PRODUCTS OF PHENYLUREA HERBICIDES, ANALYZED BY COMET-ASSAY

[1]Department of Microbiology; [2]Department of Inorganic and Analytical Chemistry; [3]Institute of Material Sciences and Engineering, University of Szeged, Szeged, Hungary; [4]Faculty of Sciences, University of Novi Sad, Novi Sad, Serbia and Montenegro

EPP-11

CSABA VÁGVÖLGYI[1], L. MANCZINGER[1], D. SUGÁR[1], ♦ENIKŐ SAJBEN[1], ANDREA PALÁGYI[1], JUDIT KRISCH[2], J. ŽIVANČEV[3], B. ŠKRBIĆ[3]

DEGRADATION OF ETHYLENETHIOUREA BY SOIL BACTERIA

[1]Department of Microbiology; [2]Institute of Food Engineering, University of Szeged, Szeged, Hungary; [3]Faculty of Technology, University of Novi Sad, Novi Sad, Serbia and Montenegro

EPP-12

LÁSZLÓ MANCZINGER[1], T. ALAPI[2], J. FARKAS[3], K. SCHRANTZ[2], K. MOGYORÓSI[3], ♦ENIKŐ SAJBEN[1], ANDREA PALÁGYI[1], CS. VÁGVÖLGYI[1], B. ABRAMOVIČ[4], A. DOMBI[3]

GENOTOXICOLOGICAL ASPECTS OF UV-INDUCED PHOTOLYSIS AND ITS COMBINATION WITH OZONATION IN THE TRANSFORMATION OF PHENYLUREA HERBICIDES, ANALYZED BY AMES TEST

[1]Department of Microbiology; [2]Department of Inorganic and Analytical Chemistry; [3]Institute of Material Sciences and Engineering, University of Szeged, Szeged, Hungary; [4]Faculty of Sciences, University of Novi Sad, Novi Sad, Serbia and Montenegro

EPP-13

♦ÁKOS TÓTH[1], I. NAGY[2], B. HORVÁTH[2], TERÉZIA BARNA[3], S. SZOBOSZLAY[4], A. TÁNCSICS[1], B. KRISZT[4], I. NAGY[5], J. KUKOLYA[4]

COMPLETE GENOME SEQUENCE OF THE LIGNOCELLULOSE-DEGRADING COMPOST INHABITING BACTERIUM, STRAIN K07

[1]Regional University Center of Excellence in Environmental Industry, Szent István University, Gödöllő; [2]Bay Zoltán Applied Research Foundation, Szeged; [3]Department of Genetics and Molecular Biology, Debrecen University, Debrecen; [4]Department of Environmental Protection & Environmental Safety, Szent István University, Gödöllő, Hungary; [5]Department of Structural Biology, Max Planck Institute of Biochemistry, Martinsried, Germany

EPP-14

♦CSILLA KRIFATON[1], J. KUKOLYA[1, 2], ANITA RISA[1], P. HARKAI[1], M. CSERHÁTI[1], S. SZOBOSZLAY[1], B. KRISZT[1]

SCREENING OF ZEARALENONE DEGRADING MICROBES BY YEAST OESTROGEN REPORTER SYSTEM *BLYES

[1]Department of Environmental Protection and Safety; [2]Regional University Center of Excellence, Szent István University, Gödöllő, Hungary

EPP-15

BALÁZS LEITGEB

EFFECTS OF THE PRO/ALA SUBSTITUTIONS ON THE STRUCTURAL FEATURES OF INDOLICIDIN

Institute of Biophysics, Biological Research Centre, Hungarian Academy of Sciences, Szeged, Hungary

EPP-16

BALÁZS LEITGEB

STUDYING THE CHARACTERISTIC CONFORMATIONAL PATTERNS OF TRITRPTICIN BY MOLECULAR DYNAMICS METHODS

Institute of Biophysics, Biological Research Centre, Hungarian Academy of Sciences, Szeged, Hungary

EPP-17

♦ZALÁN GÁBOR HOMONNAY[1], A. NÉMETH[2], M. PALATINSZKY[1], Y. HADID[3], T. PAVLICEK[3], G. CSORBA[4], J. FARKAS[2], E. NEVO[3], K. MÁRIALIGETI[1]

THE ROLE OF INTESTINAL MICROBES IN THE EVOLUTION OF BLIND MOLE-RATS (RODENTIA: SPALACINAE)

[1]Department of Microbiology; [2]Department of Systematic Zoology and Ecology, Eötvös Loránd University, Budapest, Hungary; [3]Institute of Evolution, University of Haifa, Mt Carmel, Israel; [4]Department of Zoology, Hungarian Natural History Museum, Budapest, Hungary

EPP-18

♦MATEJA OZANIC[1], VILDANA SEMIC[1], GORDANA PAVOKOVIC[1], VALENTINA MRVCIC[1], Y.A. KWAIK[2], MARINA SANTIC[1]

INTRACELLULAR REPLICATION OF *FRANCISELLA NOVICIDA* WITHIN *HARTMANELLA VERMIFORMIS*

[1]Department of Microbiology and Parasitology, Medical Faculty, University of Rijeka, Rijeka, Croatia; [2]Department of Microbiology and Immunology, College of Medicine, University of Louisville, KY, USA

EPP-19

♦ENIKŐ SAJBEN, L. MANCZINGER, CS. VÁGVÖLGYI

INVESTIGATION OF BACTERIAL FUNCTIONAL COMMUNITY STRUCTURE WITH RISA-AFTER PRECULTURING (RISA-APC) METHOD

Department of Microbiology, University of Szeged, Szeged, Hungary

12.00-12.30 Virology Poster Session

VPP-1

GYÖNGYVÉR GELL, E. SEBESTYÉN, ♦ERVIN BALÁZS

DETECTING INTER- AND INTRASPECIFIC RECOMBINATION EVENTS IN POTYVIRUSES

Department of Applied Genomics, Agricultural Research Institute, Martonvásár, Hungary

VPP-2

♦NOÉMI BERNÁTHNÉ ERDEI, RÉKA SZATHMÁRY, MÁRIA BENKŐ

SEQUENCE ANALYSIS OF BOVINE ADENOVIRUSES THAT BELONG TO THE GENUS ATADENOVIRUS

Molecular Virology, Veterinary Medical Research Institute, Hungarian Academy of Sciences, Budapest, Hungary

VPP-3

♦KATA PÁSZTOR[1], L. OROSZ[1], ÉVA GALLYAS[2], EDINA MENCEL[1], A. KONDÁSZ[1], YVETTE MÁNDI[1], L. KEMÉNY[3], ANDREA FACSKÓ[2], KLÁRA MEGYERI[1]

INVOLVEMENT OF P63 IN THE HERPES SIMPLEX VIRUS (HSV)-INDUCED DEMISE OF CORNEAL CELLS

[1]Department of Medical Microbiology and Immunobiology; [2]Department of Ophthalmology; [3]Dermatological Research Group, Hungarian Academy of Sciences and Department of Dermatology and Allergology, University of Szeged, Szeged, Hungary

VPP-4

PETER PANČÍK[1], VLADENA BAUEREOVÁ-HLINKOVÁ[2], MARCELA KÚDELOVÁ[1], ♦JULIUS RAJČÁNI[1]

THE M3 PROTEIN OF MURID HERPESVIRUS 4 (MUHV 4): GENE CLONING, PROTEIN EXPRESSION AND PURIFICATION

[1]Institute of Virology; [2]Institute of Molecular Biology, Slovak Academy of Sciences, Bratislava,

VPP-5

♦ANITA SZEGŐ[1], G. BALÁZS VAJDA[1], SHUIXIU HU[1], I. NAGY[2], NOÉMI LUKÁCS[1]

NOVEL CRYPTIC dsRNA-VIRUSES ARE WIDELY DISTRIBUTED IN CAPSICUM CHINENSE PEPPER CULTIVARS

[1]Department of Molecular Plant Physiology and Plant Biochemistry, Corvinus University of Budapest, Budapest, Hungary; [2]Institute of Genetics, Agricultural Biotechnology Center, Gödöllő, Hungary

VPP-6

♦ESZTER SZABÓ, CS. KÓSA, ESZTER UJHELYI, D. BÁNHEGYI

CHARACTERIZATION OF ANAL HPV GENOTYPES AMONG HUNGARIAN HIV POSITIVE AND HIV NEGATIVE MSM GROUPS

United Saint István and Saint László Hospital, Budapest, Hungary

13.00-14.00 Agricultural Microbiology Poster Session

APP-1

♦SZANDRA DOBRÁNYI[1], G. DANCS[1], KATALIN POSTA[2], L. FÜLÖP[1]

BIOACTIVE METABOLITES IN WOOD EXTRACTS OF *ROBINIA PSEUDOACACIA* L. INHIBIT THE GROWTH OF *FUSARIUM PROLIFERATUM* AND VARIOUS BACTERIA

[1]Department of Chemistry and Biochemistry; [2]Microbiological and Environmental Toxicology Group, Plant Protection Institute, Szent István University, Gödöllő, Hungary

APP-2

♦ADÁM IMRI[1], M. KOVÁCS[1], KITTI TAMÁSI[1], KLÁRA CZAKÓ-VÉR[1], GY. ÁRVAY[2]

EVALUATION OF A POTENTIAL MYCORRHIZA INOCULUM ON SALT-AFFECTED CONTRASTING SOILS AND WHEAT HOST

[1]Institute of Environmental Sciences, Faculty of Sciences, University of Pécs; [2]Laboratory of Soil Biology, Directorate of Plant Protection, Soil Conservation and Agri-Environment, Pécs, Hungary

APP-3

♦JÓZSEF KUTASI[1], R. FARKAS[2], RITA KOVÁCS[1], K. TAKÁCS[1], B. ERDÉLYI[3], ÉVA KÁRPÁTI[4], MÓNIKA GYURKOVSZKY[2]

ENTOMOPATHOGEN EFFICIENCY OF *BACILLUS THURINGIENSIS* TYPE STRAINS

[1]Biofil Ltd.; [2]Department of Parasitology and Zoology, Faculty of Veterinary Medicine, Szent István University; [3]Fermentia Ltd.; [3]Saniplant Ltd., Budapest, Hungary

APP-4

♦MÁRTON PALATINSZKY[1], BARBARA SZIRÁNYI[1], ÉVA KÁRPÁTI[1], JUDIT MAKK[1], CS. ROMSICS[1], RITA KOVÁCS[3], J. KUTASI[3], K. MÁRIALIGETI[1]

SCREENING OF *BACILLUS THURINGIENSIS* TYPE STRAINS FOR *CRY* AND *CYT* TOXIN GENES WITH PCR ASSAY and SCANNING ELECTRON MICROSCOPY

[1]Department of Microbiology, Eötvös Loránd University; [2]Saniplant Ltd.; [3]Biofil Ltd., Budapest, Hungary

APP-5

RITA SIPOS[1], J. KUTASI[2], ÉVA KÁRPÁTI[3], CS. ROMSICS[1], ♦MÁRTON PALATINSZKY[1], B. KAPOS[1], K. MÁRIALIGETI[1]

MONITORING THE EFFECT OF AGRICULTURAL SOIL INOCULATIONS ON THE INDIGENOUS MICROBIAL COMMUNITY BY MOLECULAR BIOLOGICAL METHODS

[1]Department of Microbiology, Eötvös Loránd University; [2]Biofil Ltd.; [3]Saniplant Ltd., Budapest, Hungary

APP-6

BEÁTA TÓTH[1], J. VARGA[2], ÉVA TOLDI[1], ÉVA KÓTAI[1], MÁRTA TÖRÖK[1], S. KOCSUBÉ[2], ♦GYÖNGYI SZIGETI[2], NIKOLETT BARANYI[2], Á. MESTERHÁZY[1]

OCCURRENCE AND POPULATION STRUCTURE OF *ASPERGILLUS FLAVUS* ISOLATES INFECTING MAIZE IN SOUTHERN HUNGARY

[1]Cereal Research Non-Profit Ltd.; [2]Department of Microbiology, Faculty of Science and Informatics, University of Szeged, Szeged, Hungary

14.00-15.00 Immunology and Parasitology Poster Session

PPP-1

♦EMESE PETRA BALOGH[1], TÍMEA MOSOLYGÓ[1], HILDA TIRICZ[2], ADRIENN KARAI[1], FANNI KEREKES[1], D. VIRÓK[1], KATALIN BURIÁN[1], ÉVA KONDOROSI[2]

ANTI-CHLAMYDIAL EFFECT OF PLANT PEPTIDES

[1]Department of Medical Microbiology and Immunobiology, Faculty of Medicine, University of Szeged, Szeged; [2]Human Biotechnology Bioenergy, Bay Zoltán Foundation For Applied Research, Szeged, Hungary

PPP-2

♦ENIKŐ BARABÁS-HAJDU[1], J. SZÁVULY[2], Z. KOVÁCS[3], EDITH SÁTÁN[3], ÁGNES MIHÁLY[1], D. BARABÁS[4]

HUMAN MYASIS – CASE REPORT

[1]Department of Microbiology and Clinical Pharmacy; [2]Department of Microbiology, University of Medicine and Pharmacy; [3]Bacteriology Unit, Emergency County Hospital; [6]Institute for Physically and Mentally Disabled Persons, Targu Mures, Romania

PPP-3

♦ILDIKÓ FALUDI, ÁGNES MIRA SZABÓ, KATALIN BURIÁN, TÍMEA MOSOLYGÓ, A. MICZÁK, VALÉRIA ENDRÉSZ

LOW CALCIUM RESPONSE PROTEIN E (LCRE) VACCINATION IS EFFECTIVE IN DNA PRIMING/PROTEIN BOOSTER FORM AGAINST *CHLAMYDOPHILA PNEUMONIAE* INFECTION IN BALB/C MICE

Department of Medical Microbiology and Immunobiology, University of Szeged, Szeged, Hungary

PPP-4

♦TÍMEA MOSOLYGÓ, EMESE PETRA BALOGH, ADRIENN KARAI, D. VIRÓK, ILDIKÓ FALUDI, VALÉRIA ENDRÉSZ, KATALIN BURIÁN

THE TRANSCRIPTIONAL PATTERN OF *CHLAMYDIA MURIDARUM*'S PLASMID GENES

Department of Medical Microbiology and Immunobiology, University of Szeged, Szeged, Hungary

15.00-16.00 Food Microbiology Poster Session

FPP-1

♦IVANA MAROVA[1], ANDREA HARONIKOVA[1], TEREZIE DVORAKOVA[1], MARTINA KUBACKOVA[1], KRISTYNA JANKEJE[1], EMILIA BREIEROVA[2]

IDENTIFICATION AND CHARACTERIZATION OF RED YEAST STRAINS USING SOME MOLECULAR TECHNIQUES

[1]Centre for Materials Research and Department of Food Chemistry and Biotechnology, Faculty of Chemistry, Brno University of Technology, Brno, Czech Republic; [2]Institute of Chemistry, Slovak Academy of Sciences, Bratislava, Slovakia

FPP-2

OLÍVIA CSERNUS[1], J. BARANYI[2], ♦JUDIT BECZNER[1], J. FARKAS[3]

KNOWLEDGE MINING FROM MICROBIOLOGICAL DATA – APPLICATION OF NETWORK SCIENCE IN FOOD MICROBIOLOGY

[1]Central Food Research Institute, Budapest, Hungary; [2]Institute of Food Research, Norwich, UK; [3]Department of Refrigeration and Livestocks' Products Technology, Corvinus University of Budapest, Budapest, Hungary

FPP-3

♦CSABA NÉMETH, I. DALMADI, J. SURÁNYI, CS. BALLA

EFFECT OF HIGH-PRESSURE TREATMENT ON THE MICRO-ORGANISMS LIQUID WHOLE EGG

Department of Refrigeration and Livestock Products Technology, Corvinus University of Budapest, Budapest, Hungary

FPP-4

♦ERZSÉBET VARGA[1], ANNA BARDOCZ[1], ÁGNES BELÁK[2], ANNA MARÁZ[2]

ANTIMICROBIAL ACTIVITY OF THYMI AETHEROLEUMS EXTRACTED FROM DIFFERENT *THYMUS* SPECIES

[1]Department of Pharmacognosy and Phytotherapy, Faculty of Pharmacy, University of Medicine and Pharmacy Tg. Mures, Targu Mures, Romania; [2]Department of Microbiology and Biotechnology, Corvinus University of Budapest, Budapest, Hungary

FPP-5

JÁNOS VARGA[1], S. KOCSUBÉ[1], ♦GYÖNGYI SZIGETI[1], ADRIENN HORÁNYI[1], BEÁTA TÓTH[2], CS. VÁGVÖLGYI[1], T. BARTÓK[3]

MYCOBIOTA AND FUMONISIN CONTENT OF FIGS AND DATES PURCHASED IN HUNGARY

[1]Department of Microbiology, Faculty of Science and Informatics, University of Szeged; [2]Cereal Research Non-Profit Ltd.; [3]Fumizol Ltd., Szeged, Hungary

FPP-6

NIKOLETT BAJCSI[1], ÁGNES BELÁK[1], ANITA C. CSOMOR[2], ♦ANNA MARÁZ[1]

DETECTION OF THE *aprX* GENE CODING FOR THE ALKALINE METALLOPROTEASE AND SCREENING FOR THE PROTEASE ACTIVITY IN *PSEUDOMONAS* STRAINS OF MEAT ORIGIN

[1]Department of Microbiology and Biotechnology, Faculty of Food Science, Corvinus University of Budapest; [2]Department of Microbiology, Faculty of Science, Eötvös Loránd University, Budapest, Hungary

FPP-7

MARIANN JUHÁSZ-ROMÁN

FUNCTIONAL PROBIOTICS, SUPPLEMENTED WITH ANTIOXIDANTS

Department of Microbiology and Biotechnology, Corvinus University of Budapest, Budapest, Hungary

Friday, July 22

Auditorium No.2

9.00-10.05 Virology Session V: Virus Prevalence and Genetics

Chairpersons: Antti Vaheri and Mária Takács

9.00-9.20
VOP-16
ANTTI VAHERI

ORIGIN OF HUMAN VIRUSES

Department of Virology, Haartman Institute, University of Helsinki

VOP-17
9.20-9.35
♦ÁGNES DENCS[1], ÁGNES FARKAS[1], MÓNIKA GYUGOS[1], ANDREA KURCZ[2], ERZSÉBET PUSKÁS[3], B. TRESÓ[1], ERZSÉBET RUSVAI[1], ERZSÉBET BARCSAY[1], MÁRIA TAKÁCS[1]

PHYLOGENETIC ANALYSIS OF A NOSOCOMIAL TRANSMISSION OF HEPATITIS B VIRUS AT A PEDIATRIC HAEMATOLOGY WARD

[1]Division of Virology; [2]Department of Hospital Epidemiology, National Center For Epidemiology, Budapest; [3]Regional Laboratory for Microbiology, North Hungarian Regional Institute of State Public Health Service, Miskolc, Hungary

9.35-9.50
VOP-18
♦GYŐZŐ L. KAJÁN[1], B. HARRACH[1], S. KECSKEMÉTI[2], MÁRIA BENKŐ[1]

GENOTYPING OF HUNGARIAN FOWL ADENOVIRUS ISOLATES AND OTHER BIRD ADENOVIRUSES FROM CENTRAL EUROPE

[1]Veterinary Medical Research Institute, Hungarian Academy of Sciences, Budapest; [2]Veterinary Diagnostic Directorate, Hungarian Central Agricultural Office, Debrecen, Hungary

9.50-10.05
VOP-19
♦PETRA FORGÁCH[1], I. GÖRGICS[2], CS. KŐVÁGÓ[3], M. RUSVAI[4], T. BAKONYI[1]

DETECTION OF HONEYBEE-PATHOGEN VIRUSES IN WASP (VESPIDAE) SAMPLES COLLECTED IN HUNGARY

[1]Department of Microbiology and Infectious Diseases, Faculty of Veterinary Science, Szent István University, Budapest; [2]Faculty of Forestry, University of West Hungary, Sopron; [3]Department of Pharmacology; [4]Department of Pathology and Forensic Veterinary Medicine, Faculty of Veterinary Science, Szent István University, Budapest, Hungary

10.05-10.45 Coffee break

10.45-11.45 Virology Session VI: Virus Prevalence and Genetics

Chairpersons: Hans Helmut Niller and József Kónya

10.45-11.00
VOP-20
HANS HELMUT NILLER

EPSTEIN BARR VIRUS - CLINIC AND DIAGNOSTICS - TIPS AND PROBLEM SOLVING

Institute for Medical Microbiology and Hygiene, University of Regensburg, Regensburg, Germany

11.00-11.15
VOP-21

♦KATINKA HERNÁDI[1], ANITA SZALMÁS[1], ILDIKÓ MÁRTON[2], J. KÓNYA[1]

HERPESVIRAL ACTIVITY IN APICAL PERIODONTITIS

[1]Department of Medical Microbiology; [2]Faculty of Dentistry, University of Debrecen, Debrecen, Hungary

11.15-11.30
VOP-22

♦JÓZSEF KÓNYA[1], ÉVA VARGA[2], Z. SZABÓ[2]

A CASE REPORT OF DISAPPEARING HEPATITIS B SURFACE ANTIGENEMIA (HBSAG) WITH PERSISTING DNAEMIA DURING ACUTE HEPATIC FAILURE TREATED BY PLASMAPHERESIS

[1]Department of Medical Microbiology; [2]1st Departmnt of Internal Medicine, University of Debrecen, Debrecen, Hungary

11.30-11.45
VOP-23

♦ZOLTÁN KIS[1], C. TODD DAVIS[2], JOYCE JONES[2], KAREN FERDINAND[2], K. INUI[3], P. RIVAILLER[2], T. NGUYEN[4], I. YORK[2], R. DONIS[2]

DEVELOPMENT OF A TAQMAN REAL-TIME RT-PCR ASSAY TO DIFFERENTIATE BETWEEN CLADES OF HIGHLY PATHOGENIC H5N1 VIRUSES CIRCULATING IN VIETNAM

[1]Influenza Division, Centers for Disease Control and Prevention; and Department for Respiratory Viruses, National Center for Epidemiology, Budapest, Hungary; [2]Molecular Virology and Vaccines Research, Influenza Division, Centers For Disease Control and Prevention, Atlanta, USA; [3]Food and Agriculture Organization of Vietnam; [4]Hanoi University of Agriculture, Graduate School; National Centre For Veterinary Diagnostics, Hanoi, Vietnam

Friday, July 22

Classroom No.1

9.00-11.00 Environmental Microbiology Session

Chairpersons: József Kukolya and Károly Márialigeti

9.00-9.30

EOP-1

♦ANNA SZÉKELY, MERCÈ BERGA, SILKE LANGENHEDER

PHENOTYPIC PLASTICITY, SPECIES SORTING AND COMPETITION IN BACTERIAL COMMUNITIES FACING ENVIRONMENTAL CHANGES

Limnology Department, Evolutionary Biology Centre, Uppsala University, Uppsala, Sweden

9.30-9.50

EOP-2

♦ERZSÉBET BAKA[1, 2], S. VARGA[1, 2], B. KRISZT[2], S. SZOBOSZLAY[2], R.W. KNISPEL[3], W. BAUMEISTER[3], I. NAGY[3], J. KUKOLYA[2]

SCREENING AND APPLICATION OF NEW GENETIC MARKERS FOR *THERMOPLASMA ACIDOPHILUM*

[1]Regional University Center of Excellence in Environmental Industry; [2]Department of Environmental Protection and Environmental Safety, Szent István University, Gödöllő, Hungary; [3]Max Planck Institute of Biochemistry, Department of Structural Biology, Martinsried, Germany

9.50-10.10

EOP-3

♦ANDRÁS TÁNCSICS[1], J. KUKOLYA[2], I. NAGY[3], B. HORVÁTH[3], S. SZOBOSZLAY[2], I. NAGY[4], B. KRISZT[2]

DE NOVO GENOME PROJECT OF THE MYCOTOXIN-DEGRADING *RHODOCOCCUS PYRIDINIVORANS* AK37

[1]Regional University Center of Excellence in Environment and Industry; [2]Department of Environmental Protection & Environmental Safety, Szent István University, Gödöllő; [3]Institute for Plant Genomics, Human Biotechnology and Bioenergy, Bay Zoltán Foundation for Applied Research, Szeged, Hungary; [4]Department of Structural Biology, Max Planck Institute of Biochemistry, Germany

10.10-10.30

EOP-4

♦HOSAM E.A.F. BAYOUMI HAMUDA, ISTVÁN PATKÓ

MICROBIOLOGICAL MONITORING IMPACT OF SOME INSECTICIDES IN CLAY LOAM BROWN FOREST SOIL

Environmental Protection Engineering Institute, Óbuda University, Budapest, Hungary

10.30-10.50

EOP-5

♦ANITA KERN, A. SZABÓ, ZS. BARNA, RENÁTA BÁNFI, ANITA SZAX, M. KÁDÁR, MÁRTA VARGHA

VIROCLIME – THE EFFECT OF CLIMATE CHANGE ON WATERBORNE VIRUSES

Department of Water Hygiene, National Institute for Environmental Health, Budapest, Hungary

Friday, July 22

Classroom No. 2

9.00-11.50 Immunology and Parasitology Session

Chairpersons: Olgica Djurković-Djaković and Dezső Péter Virók

9.00-9.20
POP-1

♦DEZSŐ P. VIRÓK[1], KATALIN FILKOR[2], TIMEA MOSOLYGÓ[3], KATALIN BURIÁN[3], VALÉRIA ENDRÉSZ[3], JUDIT DEÁK[1], I. NAGY[2]

NEW GENERATION SEQUENCING OF THE *CHLAMYDIA TRACHOMATIS* INFECTED AND INTERFERON-GAMMA TREATED HUMAN NEUTROPHIL GRANULOCYTE TRANSCRIPTOME

[1]Department of Clinical Microbiology, University of Szeged; [2]Institute for Plant Genomics, Human Biotechnology and Bioenergy; [3]Department of Medical Microbiology and Immunobiology, University of Szeged, Szeged, Hungary

9.20-9.40
POP-2

♦ENIKŐ BARABÁS-HAJDU[1], Z. KOVÁCS[2], EDIT SÁTÁN[2], ORSOLYA SZÁSZ[2], SZILVIA PARA[2], DOMNICA BUTIURCA[3], CARMEN MICHAELA CREŢU[4], M. MUREŞAN[5]

ECHINOCOCCOSIS - HYDATIDOSIS TREATED IN COUNTY MURES

[1]Department of Microbiology and Clinical Pharmacy, University of Medicine and Pharmacy; [2]Bacteriology Unit, Emergency County Hospital; [3]Department of Infectious Diseases, University of Medicine and Pharmacy; [4]Parasitology Department, University Carol Davila; [5]Department of Anatomy, University of Medicine and Pharmacy, Targu Mures, Romania

9.40-10.00
POP-3

ANNAMARIA MARTON[1], CS. VIZLER[1], R. KATONA[2], VIKTÓRIA TEMESFŐI[1], E. DUDA[1], J. MINÁROVITS[3], ZSUZSA SZATHMÁRY[4], ZS. SZEGLETES[1], L. SIKLÓS[1], ERZSÉBET KUSZ[1], F. BÁNÁTI[1], XIN CHEN[5], H.O.M. ZACK[5], ♦KRISZTINA BUZÁS[3]

MELANOMA CELL DERIVED EXOSOMES TRANSFORM IMMUN CELL FUNCTIONS IN VITRO

[1]Institute of Biochemistry; [3]Institute of Genetics, Biological Research Center, Hungarian Academy of Sciences, Szeged; [3]Microbiological Research Group, National Center For Epidemiology, Budapest; [4]Galenbio, Mosonmagyaróvár, Hungary; [5]Laboratory of Molecular Immunoregulation, National Cancer Institute, USA

10.00-10.30 Coffee break

10.30-10.50
POP-4

♦KATALIN GLATZ, J. DANKA, ERIKA OROSZ, I. KUCSERA

LEISHMANIASIS: TOPICALITIES AND A REVIEW OF CASES DETECTED IN HUNGARY

Department of Parasitology, National Center for Epidemiology, Budapest, Hungary

10.50-11.10
POP-5

♦JUDIT HUNYADKÜRTI[1], ANDREA VÖRÖS[1], B. HORVÁTH[1], A. MCDOWELL[2], EDIT URBÁN[3], I. NAGY[1]

HIGH-THROUGHPUT SEQUENCING PROVIDES INSIGHTS INTO GENOMIC PLASTICITY AND PATHOGENICITY OF *PROPIONIBACTERIUM ACNES*

[1]Institute for Plant Genomics, Human Biotechnology and Bioenergy, Bay Zoltán Foundation for Applied Research, Szeged, Hungary; [2]Centre For Infection & Immunity, School of Medicine, Dentistry & Biomedical Sciences, Queen's University, UK; [3]Institute of Clinical Microbiology, University of Szeged, Szeged, Hungary

11.10-11.30
POP-6

♦KATALIN BURIÁN[1], TÍMEA MOSOLYGÓ[1], EMESE PETRA BALOGH[1], ADRIENN KARAI[1], FANNI KEREKES[1], D. VIRÓK[2]

TRANSCRIPTION ANALYSIS OF *CHLAMYDIA TRACHOMATIS* D AND HERPES SIMPLEX-INFECTED HeLa CELLS

[1]Department of Medical Microbiology and Immunobiolgy; [2]Institute of Clinical Microbiology, University of Szeged Faculty of Medicine, Szeged, Hungary

11.30-11.50
POP-7

♦JANKA MÁTRAI[1], A. CANTORE[2], CYNTHIA C. BARTHOLOMAE[3], ANDREA ANNONI[2], WEI WANG[3], ABEL ACOSTA-SANCHEZ[1], ERMIRA SAMARA-KUKO1[7], P. GENOVESE[2], T.C. NICHOLS[4], C. VON KALLE[3], M.K.L. CHUAH[1], MARIA GRAZIA RONCAROLO[3], M. SCHMIDT[3], T. VANDENDRIESSCHE[1], L. NALDINI[2]

HEPATOCYTE-TARGETED TRANSGENE EXPRESSION BY INTEGRASE-DEFECTIVE LENTIVIRAL VECTORS INDUCES ANTIGEN-SPECIFIC IMMUNE TOLERANCE IN MICE WITH LOW GENOTOXIC RISK.

[1]Free University of Brussels & KUL-VIB Vesalius Research Center, Brussels, Belgium; [2]San Raffaele Telethon Institute For Gene Therapy, San Raffaele Scientific Institute, Italy; [3]National Center For Tumor Diseases, Department of Translational Oncology, Germany; [4]University of North Carolina, Chapel Hill, NC, USA

Friday, July 22

Poster Corridor

9.00-9.30 Industrial Microbiology Poster Session

IMP-1

♦ERIKA BUJNA, CECÍLIA SIKLÓDI, JUDIT M. REZESSY-SZABÓ

EFFECTS OF SURFACTANTS ON PRODUCTION OF PHYTASE FROM *THERMOMYCES LANUGINOSUS*

Department of Brewing and Distilling, Corvinus University of Budapest, Budapest, Hungary

IMP-2

♦ANNA HORVÁTH, ANNA RÁCZ-MÓNUS, ESZTER VÖRÖS, Á. SVEICZER

CELL LENGTH GROWTH PATTERNS AND SIZE CONTROL IN FISSION YEAST MUTANTS

Department of Applied Biotechnology and Food Science, Budapest University of Technology and Economics, Budapest, Hungary

IMP-3

♦MÁRIA KRISTON; JUDIT SZOKOLAINÉ NAGY, ERZSÉBET SZŐKÉNÉ SZŐLLŐSI

TOTAL COLONYFORMING UNIT NUMBER IN CONNECTION WITH THERMOSTAT TIME AND TEMPERATURE

Pharmavalid Ltd.

IMP-4

♦ZSANETT LŐRINCZ[1], J. KUTASI[1], J. VÁRHEGYI[2], Á. BATA[1]

PRODUCTION OF DGGS INDUCED PROTEASE ENZYME PRODUCING FERMENTATION CULTURES

[1]Dr. Bata Ltd., Ócsa; [2]Institution For Animal Breeding and Nutrition, Herceghalom, Hungary

IMP-5

♦ZSANETT LŐRINCZ[1], J. KUTASI[1], J. VÁRHEGYI[2], J. TOSSENBERGER[3]

BIOCONVERSION OF WDG VIA SEMI-SOLID ANAEROBIC FERMENTATION BY LACTOBACILLI (*LACTOBACILLUS LACTIS*), YEASTS (*PICHIA STIPITIS, SACCHAROMYCES CEREVISIAE*) AND FILAMENTOUS FUNGI (*THERMOMYCES LANUGINOSUS*)

[1]Dr. Bata Ltd., Ócsa; [2]Institution for Animal Breeding and Nutrition, Herceghalom; [3]Department of Animal Nutrition, Kaposvár University, Kaposvár, Hungary

IMP-6

♦GABRIELLA STYEVKÓ, Á. HOSCHKE, D.Q. NGUYEN

FRUCTOSYL TRANSFERASE ACTIVITY OF PECTINEX ULTRA FOR PRODUCTION OF NOVEL OLIGOSACCHARIDES

Department of Brewing and Distilling, Corvinus University of Budapest, Hungary

9.30-10.30 Bacteriology Poster Session

BPP-1

♦Bernadett ÁCS[1], Györgyi Horváth[2], Andrea Böszörményi[3], Éva Lemberkovics[3], Ágnes Dorn[1], L. Emődy[1], Z. Tigyi[1], Gy. Schneider[1]

EFFECT OF HERBAL EXTRACTS ON THE GROWTH OF PATHOGENIC *KLEBSIELLA PNEUMONIAE* STRAINS

[1]Department of Medical Microbiology and Immunology; [2]Institute of Pharmacognosy, University of Pécs, Hungary; [3]Faculty of Pharmacy, Semmelweis University, Budapest, Hungary

BPP-2

♦Renáta Bánfi, M. Kádár, Márta Vargha

ANTIBIOTIC RESISTANCE AND VIRULENCE OF *PSEUDOMONAS AERUGINOSA* ISOLATES FROM HEATLH-CARE ASSOCIATED WATER SYSTEMS

Department of Water Microbiology, National Institute for Environmental Health, Budapest, Hungary

BPP-3

♦Lucia Birošová[1], Petra Olejníková[2], Barbora Kaliňáková[2], Nikoleta Šaková[1], Martina Valachovičová[3]

DIFFERENCES IN HUMAN MICROBIOTA AND BACTERIOCIN PRODUCTION OF YOUNG SLOVAK PEOPLE WITH DIFFERENT NUTRITION HABITS

[1]Department of Nutrition and Food Assessment; [2]Department of Biochemistry and Microbiology, Institute of Biochemistry, Nutrition and Health Protect, University of Technology, Bratislava; [3]Slovak Medical University, Bratislava, Slovakia

BPP-4

♦Ágnes Dorn[1], Györgyi Horváth[2], Lilla Makszin[3], Anikó Kilár[3], P. Felső[3], F. Kilár[3], L. Emődy[1], Gy. Schneider[1]

ROSEMARY EXTRACT SHOWS DIFFERENT EFFECT ON THE GROWTH OF THE ENTEROHEMORRHAGIC *ESCHERICHIA COLI* STRAINS SAKAI AND EDL933 AND ON THE LABORATORY *ESCHERICHIA COLI* STRAIN MG1655

[1]Department of Medical Microbiology and Immunology; [2]Institute of Pharmacognosy; [3]Institute of Bioanalysis, University of Pécs, Pécs, Hungary

BPP-5

♦Péter Felső[1], F. Kilár[2]

EXAMINATION OF THE OUTER MEMBRANE PROTEINS OF *PSEUDOMONAS* STRAINS TREATED WITH DIFFERENT METHODS

[1]Department of Medical Microbiology and Immunology; [2]Institute of Bioanalysis, University of Pécs, Pécs, Hungary

BPP-6

♦Laura Jánvári[1], Ivelina Damjanova[2], Katalin Kristóf[3], Dóra Szabó[4], Éva Kenesei[5], Lenke Szikra[6], Márta Szemenyei[7], Marianne Konkoly Thege[8], Andrea Lázár[9], Judit Szabó[10], Mária Farkas[11], A. Dobák[12], Mária Vámos[13], Judit Pászti[2], Á. Tóth[1]

CARBAPENEMASE-PRODUCING ENTEROBACTERIACEAE STRAINS IN HUNGARY - WHAT HAPPENED FROM THE FIRST ISOLATION IN 2008 TO OCTOBER 2010

[1]Department of Bacteriology; [2]Department of Phage Typing and Molecular Epidemiology, National Center For Epidemiology, Budapest; [3]Clinical Microbiological Diagnostic Laboratory; [4]Institute of Medical Microbiology; [5]1st Department of Pediatrics, Semmelweis University, Budapest; [6]Laboratory of Fejér County, Laboratorium Ltd., Székesfehérvár; [7]Laboratory of Békés County, Laboratorium Ltd., Békéscsaba; [8]Clinical Microbiology Laboratory, St. István and St. László Hospital, Budapest; [9]Institute of Clinical Microbiology, University of Szeged, Szeged; [10]Institute of Medical Microbiology, University of Debrecen, Debrecen; [11]Laboratory of Microbiology, Corden International Ltd., Miskolc; [12]Laboratory of Microbiology, Corden International Ltd., Budapest; [13]Laboratory of Microbiology, Jósa András Hospital, Nyíregyháza

BPP-7

♦Bernadett Khayer, Lilla Lukács, Enikő Wehmann, T. Magyar

CHARACTERISATION OF *BORDETELLA BRONCHISEPTICA* STRAINS ISOLATED FROM PET ANIMALS

Veterinary Medical Research Institute, Hungarian Academy of Sciences, Budapest, Hungary

BPP-8

♦BEÁTA KOVÁCS, ÁGNES DORN, JUDIT KOVÁCS, MONIKA KERÉNYI, L. EMŐDY

INVESTIGATIONS ON THE HAEMOLYTIC ACTIVITY AND MATRIX PROTEIN BINDING CAPACITY OF ASYMPTOMATIC BACTERIURIA *ESCHERICHIA COLI* ISOLATES

Department of Medical Microbiology and Immunology, University Medical School, Pécs, Hungary

BPP-9

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MOLECULAR DETECTION AND TYPING OF *TREPONEMA PALLIDUM* SSP. *PALLIDUM* IN CLINICAL SAMPLES BASED ON SEQUENCING OF *TP0136, TP0548* AND 23S rRNA GENES

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BPP-10

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MOLECULAR CHARACTERIZATION OF FLUOROQUINOLONE-RESISTANCE IN A MULTI-DRUG-RESISTANT *SALMONELLA ENTERICA* SEROGROUP C2 HUMAN ISOLATE

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BPP-11

KATALIN SZINYEI MERSÉNÉ MAROSSY[1], P. HORVÁTH[1], ÉVA KENESEI[2], KATALIN KRISTÓF[3], Á. TÓTH[4], K. NAGY[1], ♦MIKLÓS FÜZI[1]

ISOLATION OF UNCOMMON SPECIES OF CORYNEBACTERIA FROM CLINICAL SAMPLES

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BPP-12

♦BERNADETT PÁLYI, MÁRIA HERPAY, SZ. TÓTH, FRUZSINA PETROVAY, KATALIN TÁRNOKI-BOROSS, ZSUZSANNA NAGYNÉ SZABÓ, TÜNDE MAG, THE EQADEBA NETWORK

DEVELOPMENT AND IMPROVEMENT OF DETECTION OF HIGHLY PATHOGENIC BACTERIA DURING EXTERNAL QUALITY ASSURANCES FOR THE DETECTION OF HIGHLY PATHOGENIC BACTERIA OF POTENTIAL BIOTERRORISM RISK

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BPP-13

♦ZSUZSANNA RÓNAI[1], Á. DÁN[1], L. DENCSŐ[1], ÁGNES CSIVINCSIK[2], SZ. JÁNOSI[1]

MOLECULAR METHODS FOR THE IDENTIFICATION OF *MYCOBACTERIUM* ISOLATES WITH ANIMAL ORIGIN

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BPP-14

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BACTERIOCIN GENES AMONG *E. COLI* STRAINS: THE INCIDENCE DEPENDS ON GENOTYPE AND PHENOTYPE OF *E. COLI* STRAINS

[1]Department of Biology; [2]Department of Clinical Microbiology, Faculty Hospital; [3]Department of Medical Microbiology, Faculty of Medicine, Masaryk University, Brno. Czech Republic

BPP-15

KATARÍNA SCHWARZOVÁ

LABORATORY DIAGNOSTIC METHODS IN SUSPECTED DISSEMINATED LYME DISEASE: A COMPARISON OF DIFFERENT TECHNIQUES.

Institute of Microbiology, Medical Faculty of the Comenius University, Bratislava, Slovakia

BPP-16

♦EDIT SZÉKELY[1], BILCA DOINA[2]

INCIDENCE DENSITIES AND SUSCEPTIBILITY OF GRAM-NEGATIVE RODS IN A ROMANIAN TERTIARY HOSPITAL

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BPP-17

♦GYÖNGYI SZIGETI[1], E. SEDAGHATI[2], A.Z. MAHMOUDABADI[3], A. NASERI[4], S. KOCSUBÉ[1], CS. VÁGVÖLGYI[1], J. VARGA[1]

SPECIES ASSIGNMENT AND ANTIFUNGAL SUSCEPTIBILITIES OF BLACK ASPERGILLI RECOVERED FROM OTOMYCOSIS CASES IN IRAN AND HUNGARY

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BPP-18

♦KÁROLY TAKÁCS[1, 2], B. ERDÉLYI[1, 2], P. SÁTORHELYI[1, 2], A. SZABÓ[2], RITA KOVÁCS[2], G. SERES[2]

SCREENING FOR EXOPOLYSACCHARIDES (EPS) SECRETED BY SOIL BACTERIA

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BPP-19

♦SZABOLCS TALLÓSY[1], L. JANOVÁK[2], ELEONÓRA FODOR[1], ERZSÉBET NAGY[1], I. DÉKÁNY[2]

ANTIBACTERIAL EFFECTS OF SILVER-DOPED PHOTOCATALYST USING VISIBLE LIGHT

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BPP-20

ÁDÁM HORVÁTH[1], Z. PETŐ[2], YVETTE MÁNDI[1], CS. VÁGVÖLGYI[3], ♦FERENC SOMOGYVÁRI[1]

MULTIPLEX DETECTION OF HUMAN PATHOGENS IN INTENSIVE CARE UNITS

[1]Department of Medical Microbiology and Immunbiology; [2]Department of Anaesthesiology and Intensive Care; [3]Department of Microbiology, University of Szeged, Szeged, Hungar

10.30-11.30 Mycology Poster Session

MPP-1

TIBOR NÉMETH, ZSUZSANNA HAMARI, ♦PÉTER FERENC HORVÁTH, CS. VÁGVÖLGYI, A. GÁCSER

CANDIDA INFECTIONS TRIGGER OVEREXPRESSION OF TNFRSF9 (A MEMBER OF TNF RECEPTOR SUPERFAMILY) CO-STIMULATORY MOLECULE IN MOUSE AND HUMAN MACROPHAGES

Department of Microbiology, Szeged University, Szeged, Hungary

MPP-2

♦ADÉL TÓTH, ZSUZSANNA HAMARI, CS. VÁGVÖLGYI, A. GÁCSER

EFFECTS OF 2-ARACHIDONYL GLYCEROL ON HUMAN MACROPHAGES DURING *CANDIDA PARAPSILOSIS* INFECTION

Department of Microbiology, University of Szeged, Szeged, Hungary

MPP-3

ELAHEH. MAHMOODI

EVALUATION OF EFFECT OF SECRETED ASPARTYL PROTEINASE 2 FROM *CANDIDA ALBICANS* ON MACROPHAGES ACTIVITY AGAINST BLASTOCONIDIA IN-VITRO

Karaj Univeresity of Medical Sciences, Baghestan, Karaj, Pakistan

MPP-4

♦KRISZTINA KRIZSÁN, ALEXANDRA LENGYEL, ILDIKÓ NYILASI, T. PAPP, CS. VÁGVÖLGYI

SUSCEPTIBILITY OF THREE HUMAN PATHOGENIC *BIPOLARIS* SPECIES TO CURRENTLY USED ANTIFUNGAL AGENTS

Department of Microbiology, Faculty of Science and Informatics, University of Szeged, Szeged, Hungary

MPP-5

LÁSZLÓ KREDICS, T. MARIK, ZSUZSANNA ANTAL, ♦LÁSZLÓ NAGY, CS. VÁGVÖLGYI

IN SILICO ANALYSIS OF FUNGAL PDR-TYPE ABC TRANSPORTERS

Department of Microbiology, University of Szeged, Szeged, Hungary

MPP-6

♦KRISZTINA KRIZSÁN, G.S. VALLET, ALEXANDRA LENGYEL, ILDIKÓ NYILASI, CS. VÁGVÖLGYI, T. PAPP

CARBON ASSIMILATION SPECTRUM OF HUMAN PATHOGENIC *BIPOLARIS* SPECIES

Department of Microbiology, Faculty of Science and Informatics, University of Szeged, Szeged, Hungary

MPP-7

♦ILDIKÓ NYILASI[1], S. KOCSUBÉ[1], T. PAPP[1], M. PESTI[2], CS. VÁGVÖLGYI[1]

GROWTH INHIBITION OF DERMATOPHYTE FUNGI WITH DIFFERENT STATIN DRUGS

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MPP-8

♦PÉTER KÖRMÖCZI[1], SZABINA OLÁH[1], SHIVA ZARGARZADEH[2], DORINA CIFRA[1], P. URBÁN[1], G.L. NAGY[1], L. MANCZINGER[1], L. HATVANI[1], G.E. MOHAMMADI[3], D.Y. REZAEE[3], ADRIENN NAGY[4], CS. VÁGVÖLGYI[1], L. KREDICS[1]

OCCURRENCE OF *TRICHODERMA PLEUROTICOLA* IN SHIITAKE CULTIVATION MATERIAL, *AGARICUS* COMPOST AND THE NATURAL SUBSTRATE OF WILD-GROWING *AGARICUS* SPECIES

[1]Department of Microbiology, University of Szeged, Szeged, Hungary; [2]Department of Plant Pathology, Faculty of Agriculture, Tarbiat Modarres University, Islamic Republic of Iran; [3]Department of Plant Protection, Faculty of Agriculture, Urmia University, Islamic Republic of Iran; [11]Pilze-Nagy Ltd., Kecskemét, Hungary

MPP-9

ÁGNES HALÁSZ[1], D. MAGYAR[2], L. KREDICS[3], ♦PÉTER KÖRMÖCZI[3]

MYCOLOGICAL INVESTIGATION OF A GRAIN WAREHOUSE

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MPP-10

♦KRISZTIÁN HALÁSZ[1], NEDA HADDADDERAFSHI[1], TÍMEA PÓSA[1], G. PÉTER[2], K. HROTKÓ[3], L. GÁSPÁR[1], NOÉMI LUKÁCS[1]

DIVERSITY OF ENDOMYCOTA IN CHERRY GRAFTINGS

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MPP-11

SÁNDOR KOCSUBÉ, B. BRANKOVICS, ♦GYÖNGYI SZIGETI, J. VARGA

EXAMINATION OF THE GENETIC BACKGROUND OF FUMONISIN AND OCHRATOXIN PRODUCTION IN *ASPERGILLUS NIGER* AND *A. AWAMORI*

Department of Microbiology, Faculty of Science and Informatics, University of Szeged, Szeged, Hungary

MPP-12

♦GÁBOR NAGY, ANITA FARKAS, G. IMRE, Á. CSERNETICS, CS. VÁGVÖLGYI, T. PAPP

HMG-CoA REDUCTASE GENES OF THE CAROTENOID PRODUCING FUNGUS, *MUCOR CIRCINELLOIDES*

University of Szeged, Faculty of Sciences and Informatics, Department of Microbiology, Szeged, Hungary

MPP-13

♦VIKTÓRIA TÓTH[1], ZS. SPITZMÜLLER[1], G. VASAS[2], MELINDA SZILÁGYI[1], I. PÓCSI[1], T. EMRI[1]

PRODUCTION OF GLUTAMINASE A BY *ASPERGILLUS NIDULANS*

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MPP-14

ESZTER HORVÁTH[1], ♦FLÓRA SEBŐK[2], A. HOFFER[1], CS. DOBOLYI[3], S. SZOBOSZLAY[2], B. KRISZT[2], A. GELENCSÉR[1]

SESQUITERPENE EMISSION OF FUNGI BASED ON PURE CULTURE EXPERIMENTS

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MPP-15

♦VIKTÓRIA TÓTH[1], CSILLA TERÉZIA NAGY[1], M. MISKEI[2], I. PÓCSI[1], T. EMRI[1]

CHARACTERIZATION OF *"ASPERGILLUS NIDULANS* VAR. *ROSEUS"* ATCC 58397

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MPP-16

♦VIKTÓRIA TÓTH, CSILLA TERÉZIA NAGY, ZSUZSANNA BORDÁN, I. PÓCSI, T. EMRI

INDUCTION OF CHITIN SYNTHESIS DURING ECHINOCANDIN B PRODUCTION IN *ASPERGILLUS NIDULANS* VAR. *ROSEUS* ATCC 58397

[1]Department of Microbial Biotechnology and Cell Biology, University of Debrecen, Debrecen, Hungary

MPP-17

BARBARA KOVÁCS[1], NIKOLETTA HEGEDŰS[2], VALÉRIA TOMORI[1], ERZSÉBET OROSZ[1], M. BÁLINT[1], ♦VIKTÓRIA TÓTH[1], FLORENTINE MARX[2], T. EMRI[1], ÉVA LEITER[1], I. PÓCSI[1]

THE ANTIFUNGAL PROTEIN, PAF MAY INVOLVE IN THE PROGRAMMED CELL DEATH OF THE PRODUCER *PENICILLIUM CHRSOGENUM* FILAMENTOUS FUNGUS

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MPP-18

♦MÁTÉ VIRÁGH, LAURA KOVÁCS, T. PAPP, CS. VÁGVÖLGYI, L. GALGÓCZY

STRUCTURE-EFFICACY RELATIONSHIP IN *RHIZOPUS MICROSPORUS* VAR. *OLIGOSPORUS* ANTIBIOTIC PEPTIDE

Department of Microbiology, University of Szeged, Szeged, Hungary

MPP-19

ERIKA KEREKES[1], ♦MÁTÉ VIRÁGH[2], M. TAKÓ[2], CS. VÁGVÖLGYI[2], JUDIT KRISCH[3]

EFFECT OF ESSENTIAL OILS AND THEIR MAIN COMPONENTS ON BIOFILM FORMING ABILITY OF FOOD-RELATED MICROORGANISMS

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MPP-20

♦ILDIKÓ NYILASI[1], L.G. NAGY[1], T. PETKOVITS[1], STELLA A. KOVÁCS[1], KERSTIN HOFFMANN[2], KERSTIN VOIGT[2], CS. VÁGVÖLGYI[1], T. PAPP[1]

MOLECULAR PHYLOGENY OF MORTIERELLALES

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MPP-21

♦CSABA TAMÁS TÓTH[1], ZSUZSANNA SZABÓ[2], MÁRIA CSUBÁK[1]

TESTING ANTIFUNGAL EFFECT OF RAGWEED EXTRACT

[1]Institute of Agrochemistry and Soil Science; [2]Department of Biopharmacy, University of Debrecen, Debrecen, Hungary

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