



REPORT:

2nd CEFSER WORKSHOP

"Persistent Organic Pollutants in Food and the Environment "

The Second CEFSER Workshop "Persistent Organic Pollutants in Food and the Environment" was organized on September 8-10, 2011, at the Faculty of Technology, University of Novi Sad, Novi Sad, Serbia, as a part of dissemination activities planned within Work Package no. 4 "Dissemination of Excellence" of the FP7–CEFSER project.

In order to effectively distribute the gained knowledge on the recent findings and advances in the food safety and also to spread the excellence to a variety of targeted audiences, it was organized jointly with the 26th Symposium on Recent Developments in Dairy Technology, and BIOXEN Seminar "Novel approaches for environmental protection". The main intention was to gather the researchers from the food and the environmental pollution domains, exploring the state-of-the-art in these fields, including the contemporary information in food safety, food technologies and the environmental protection. Thematic areas of the event were:

- Persistent contaminants in food: challenges and trends
- New technologies for assuring food safety
- Environment and health
- Persistent contaminants in the environment: challenges and trends
- New technologies for assuring the environmental protection
- Chemometrics in assessment of the pollution level and risks
- Food and health
- Food quality and nutrition
- Innovations in food technologies
- Functional food products
- Recent trends in packaging
- Trends in dairy technology
- Reinforcement of the research capacities in the EU convergence regions in the area of food science: successful stories

Prof. Miroslav Vesković, Rector of the University of Novi Sad opened the Workshop, welcoming the participants of the joint events and informing them about the structure of the University of Novi Sad, the overall scientific and research activities and the achievements.



Details from the oral sessions

Each morning session of the Workshop started with key lectures of the outstanding researchers:

- "Polychlorinated dibenzo-p-dioxin (PCDD), polychlorinated dibenzofuran (PCDF) and PCB levels in biotic and abiotic matrices", Prof. Dr. Karl-Werner Schramm from *Helmholtz Zentrum Munchen, German Research Center for Environmental Health, Institute of Ecological Chemistry, Neuherberg, Germany*,
- "Speciation analysis of arsenic in beverages and food by atomic absorption spectrometric techniques", Prof. Dr. Trajče Stafilov from *Institute of Chemistry, Faculty of Science and Mathematics, Sts. Cyril and Methodius University, Republic of Macedonia*, and
- "Perfluorinated compounds in the environment and food" by Prof. Dr. Jana Hajslova from *Institute of Chemical Technology, Department of Food Chemistry and Analysis, Prague, Czech Republic*.

Plenary lectures followed the key lectures, while the afternoon sessions started with session lectures and afterwards the regular (authorial) oral presentations were given. Among the plenary lecturers, there were well known researchers with whom CEFSEER team has established collaboration under the national and international projects:

- Mira Petrovic, *Catalan Institution for Research and Advanced Studies (ICREA), Barcelona, Spain*: Advanced mass spectrometric methods applied to the study of fate and removal of pharmaceuticals in wastewater treatment (Mira Petrovic, Radjenovic, J., Gros, M., Barcelo, D.)
- Csaba Vagvolgyi, *Faculty of Science and Informatics, University of Szeged, Hungary*: Microbial degradation of pesticides in the environment (Csaba Vagvolgyi, Krisch, J., Škrbić, B., Manczinger, L.)
- Karoly Héberger, *Chemical Research Centre, Hungarian Academy of Sciences, Budapest, Hungary*: Evaluation of models predicting retention indices for polycyclic aromatic

hydrocarbons. Comparison of methods based on sum of ranking differences and pair-correlation (Škrbić, B., Karoly Héberger).



Key lecture of Prof. Dr. Karl Werner Schramm (left), and discussion with Prof. Dr. Jana Hajslova after her key lecture (right)

Furthermore, plenary lectures were the researchers that had collaborated with the CEFSEER Coordinator during the preparation of international (KBBE, Tempus) proposals:

- Marchela Pandelova, *Helmholtz Zentrum Munchen, German Research Center for Environmental Health, Institute of Ecological Chemistry, Neuherberg, Germany*: Potential ligands for nuclear receptors: biological and chemical testing of commercial baby foods (Marchela Pandelova, Schramm, K.-W)
- Paula Alvito, *Instituto Nacional de Saúde Dr. Ricardo Jorge, Lisbon, Portugal*: Occurrence and infant exposure assessment of chemical contaminants in baby food (Paula Alvito, Vasco E., Martins C., Paixão E., and Calhau M.A.),
- Jon Sanz-Landaluze, *Faculty of Chemistry, Complutense University of Madrid, Madrid, Spain*: New trends on bioaccumulation of persistent and emergent organic pollutants: beyond a simple number (Jon Sanz-Landaluze, Cámara, C.)

There were three poster sessions, one per each day of the Workshop; posters were setup in the morning in order to be displayed during the coffee breaks, while during the afternoon poster sessions the Poster Committee asked the young researchers about the importance of their research and obtained results.



Detail from poster session

After reviewing the posters, the Committee awarded the best poster presentations of young scientists with diplomas and by 60 € for 1st place, 40 € for 2nd and 30 € for the 3rd place. The awarded participants were:

1. **Jelena Živančev**, Faculty of Technology University of Novi Sad, Novi Sad, Serbia, with poster entitled **MYCOTOXINS IN WHEAT FLOUR AND RELATED PRODUCTS: LEVELS AND INTAKES IN SERBIA** by Škrbić, B., Živančev, J., Đurišić-Mladenović, N., Godula, M., Cvejanov, J.
2. **Eniko Sajben**, Department of Microbiology, Faculty of Science and Informatics, University of Szeged, Szeged, Hungary, with poster entitled **PROPERTIES OF ETHYLENETHIOUREA-DEGRADING STRAINS OF THE GENERA BACILLUS AND PSEUDOMONAS** by Manczinger, L., Sajben, E., Sugár, D., Krisch, J., Škrbić, B., Vágvölgyi, Cs.
3. **Nebojša Stilinović**, Department of Pharmacology, Toxicology and Clinical Pharmacology, Faculty of Medicine, University of Novi Sad, Novi Sad, Serbia, with poster entitled **THE INFLUENCE OF SEVEN-DAY TREATMENT WITH FUNGUS CORDYCEPS SINENSIS ON RAT ORGANISM** by Stilinović N., Rašković A., Vukmirović S., Bukumirović N., Vasović V.

The best poster diplomas and prizes were awarded during the Workshop closing ceremony.



Poster Committee with two of the awarded poster presenters

Moreover, there were five vendor seminars with presentation of the Serbian distributors of the world manufacturers of the analytical supplies and/or equipment, introducing the registered participants with the recent trends and strategies for advanced food quality/safety and environmental control. The distributors also had an opportunity to present their product range on the stands in the hall of the Faculty of Technology.



Stands of the Serbian distributors of the analytical supply/equipment



CEFSEER team members with researchers from Faculty of Veterinary Medicine Lisbon, Technical University of Lisbon

In order to motivate scientists from Western Balkan Countries to participate in this triple event, three grant holders (two from Republic of Macedonia and one from Serbia) were selected on the basis on the received applications (CVs and brief description of the area of work and motivation for the participation).



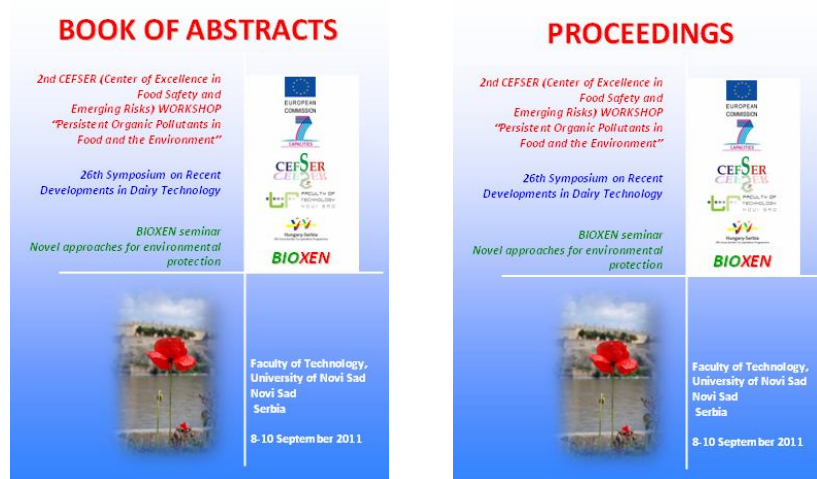
Participants from different countries enjoyed beauty of Novi Sad in late summer

In total, there were 112 participants on the 2nd CEFSE Workshop/26th Symposium on Dairy Technology/BIOXEN Seminar from the following institutions:

- Institute of Chemical Technology, Prague, Czech Republic
- Faculty of Chemistry, Complutense University of Madrid, Madrid, Spain
- Chemical Research Center, Hungarian Academy of Sciences, Hungary
- Faculty of Science and Informatics, University of Szeged, Hungary
- Centre of Agricultural Sciences and Engineering, Institute of Food Processing, Quality Assurance and Microbiology, University of Debrecen, Kecskemet, Hungary
- Corvinus University of Budapest, Budapest, Hungary
- FumoPrep Kft., Mórahalom, Hungary
- HRX Central European Ltd., Hungary
- Helmholtz Zentrum München, German Research Center for Environmental Health, Institute of Ecological Chemistry, Neuherberg, Germany
- Technische Universität München, Freising, Germany
- Chiron AS, Trondheim, Norway
- Catalan Institute for Water Research (ICRA), Girona, Spain
- Catalan Institution for Research and Advanced Studies (ICREA), Barcelona, Spain
- Instituto Nacional de Saúde Dr. Ricardo Jorge, Portugal
- Faculty of Veterinary Medicine Lisbon, Technical University of Lisbon, Portugal
- Institute of Chemistry, Faculty of Natural Sciences and Mathematics, Sts. Cyril and Methodius University Skopje, Republic of Macedonia
- Institute of Public Health, Skopje, Republic of Macedonia
- Alkaloid a.d., Skopje, Republic of Macedonia
- Geological Survey of Slovenia, Ljubljana, Slovenia
- Higher Medical School, Prijedor, Bosnia and Herzegovina
- Faculty of Agriculture and Food Science, University of Sarajevo, Bosnia and Herzegovina
- Croatian Geological Survey, Zagreb, Croatia
- Food Research and Development Institute – Plovdiv, Bulgaria
- Agilent Technologies, Manchester, United Kingdom

- Institute of Chemistry, Technology and Metallurgy, University of Belgrade, Belgrade, Serbia
- Faculty of Agriculture, University of Belgrade, Belgrade, Serbia
- Faculty of Chemistry, University of Belgrade, Belgrade, Serbia
- Faculty of Agriculture, University of Novi Sad, Novi Sad, Serbia
- Faculty of Technology, University of Novi Sad, Novi Sad, Serbia
- Institute for Food Technology, University of Novi Sad, Novi Sad, Serbia
- Faculty of Pharmacy, University of Belgrade, Belgrade, Serbia
- Faculty of Science, University of Novi Sad, Novi Sad, Serbia
- Faculty of Medicine, University of Novi Sad, Serbia
- DSP-Chromatography, Belgrade, Serbia
- Proanalytica d.o.o., Belgrade, Serbia
- Shimadzu d.o.o., Belgrade, Serbia
- Analysis d.o.o., Belgrade, Serbia
- Faculty of Medicine, University of Niš, Serbia
- A BIO TECH LAB d.o.o. Sremska Kamenica, Serbia
- Edison House D.O.O., Subotica, Serbia
- AD Mlekara Subotica, Serbia

All the participants were provided with a set of the printed promotional materials of the CEFSER project, including brochures on the project and the CEFSER lab, CEFSER newsletters nos. 1-4, announcement of the 4th CEFSER Training Course "Persistent organic pollutants in food and environment: Risk assessment", Book of the Abstracts and Proceedings.



Book of Abstracts and Proceedings were prepared after the review made by selected reviewers from the Scientific Committee.

Apart of the official presentations, the participants had the opportunity to get to know each other better through social events organized and included in the program of the joint events, three lunches (September 8-10) and the official dinner (September 9).



Details from the official dinner

PROGRAM

Thursday, 8 September 2011

09:30-10:00	Registration
10:00-10:05	Opening
10:05-10:20	Welcome Speech, Prof. Dr. Miroslav Vesković, Rector of the University of Novi Sad, Serbia
<i>MORNING SESSION-Chairs: Prof. K.-W. Schramm, Prof. B. Škrbić, Prof. S. Milanović</i>	
<i>Key lecture</i>	
10:20-11:00	Karl-Werner Schramm: Polychlorinated dibenzo-p-dioxin (PCDD), polychlorinated dibenzofuran (PCDF) and PCB levels in biotic and abiotic matrices
<i>Plenary lecture</i>	
11:00-11:25	<u>Csaba Vagvolgyi</u> , Krisch, J., Škrbić, B., Manczinger, L.: Microbial degradation of pesticides in the environment
11:25-12:00	<i>Coffee break and POSTER SET UP</i>
<i>Vendor Seminar I</i>	
12:00-13:45	DSP-Chromatography (Agilent Technologies Authorized Distributor) John Upton: ADVANCES IN GAS CHROMATOGRAPHY - MASS SPECTROMETRIC TECHNIQUES FOR FOOD AND ENVIRONMENTAL RESIDUE ANALYSIS
13:45-15:15	<i>LUNCH BREAK</i>
<i>AFTERNOON SESSION-Chairs: Prof. Radmila Kovačević, Dr. Judit Krisch</i>	
<i>Session lectures</i>	
15:15-15:35	<u>Judit Krisch</u> , Bóna, Zs., Eifert, T., Sípos, D., Manczinger, L., Vágvolgyi, Cs.: Effect of pesticide on the plant-microbe, microbe-microbe interactions
15:35-15:55	<u>Radmila Kovačević</u> , Pogrmić-Majkić, K., Fa, S., Dakić, V., Kaišarević, S., Hrubik, J., Glišić, B.: Endocrine disrupting chemicals and steroid-producing gonadal cells
15:55-16:15	<u>Zoltan Kovács</u> , Román, A., Vatai, Gy., Ittész, A., Grachten, M., Czermak, P.: Experimental and numerical investigations on whey desalination with nanofiltration
16:15-16:35	<i>Coffee break and POSTER EXHIBITION</i>
<i>Oral presentations</i>	

16:35-16:45	<u>Andras Szekeres</u> , Kecskeméti, A., Vékes, E. , Lorántfy, L., Németh, L.: Structures of the newly discovered fumonisins based on mass spectrometric examinations
16:45-16:55	Andras Dekany: Laboratory automation in food R&D and Quality Control labs
16:55-17:05	<u>Vladimir Vukić</u> , Hrnjez D., Milanović S., Carić, M., Kanurić K., Iličić M., Ranogajec M.: Textural characteristics of fermented milk products manufactured with different kombucha inoculums
17:05-17:15	<u>Ana Karišik–Đurović</u> , Kravić, S., Suturović, Z., Stojanović, Z., Švarc–Gajić, J., Brezo, T., Vitas, J., Malbaša, R.: Heavy metals contaminations during the production of fermented milk products
17:15-18:15	<i>Presentation of posters</i>
<i>Parallel afternoon session</i>	
15:15-19:00	Tutorial I Mira Petrović: “Analysis of pharmaceuticals using the advanced instrumental techniques” Catalan Institute for Water Studies, Spain
15:15-15:30	Opening and overview of the tutorial’s agenda
15:30-16:15	Pharmaceuticals as environmental contaminants: sources, general environmental problems, toxic effects, levels
16:15-17:15	Target analysis of multi-class pharmaceuticals in aqueous and solid samples (surface water, wastewater, sewage sludge) using tandem and hybrid LC-MS systems
17:15-17:45	<i>Coffee break</i>
17:45-19:00	Non-target analysis (Identification of transformation products of biotic and abiotic process - biodegradation photodegradation, AOPs) by hybrid LC-MS
19:00-19:15	<i>Award of the tutorial certificates</i>
19:15	<i>CHEESE AND WINE PARTY</i>

Friday, 9 September 2011

9:30-10:00	Registration
<i>MORNING SESSION-Chairs: Prof. Trajče Stafilov, Prof. Mira Petrović</i>	
<i>Key lecture</i>	
10:00-10:40	Trajče Stafilov: Speciation analysis of arsenic in beverages and food by atomic absorption spectrometric techniques
<i>Plenary lecture</i>	
10:40-11:05	<u>Marchela Pandelova</u> , Schramm, K.-W: Potential ligands for nuclear receptors: biological and chemical testing of commercial baby foods
11:05-11:30	<u>Mira Petrovic</u> , Radjenovic, J., Gros, M., Barcelo, D.: Advanced mass spectrometric methods applied to the study of fate and removal of pharmaceuticals in wastewater treatment
11:30-12:00	<i>Coffee break and POSTER SET UP</i>
<i>Vendor Seminar II</i>	
12:00-12:30	Proanalytica <u>Goran Đokić</u> , Radulović, T.: MILESTONE MICROWAVE SAMPLE DIGESTION SYSTEMS – FROM TRADITIONAL APPROACH TO REVOLUTIONARY AND UNIQUE DESIGN
12:35-14:00	Analysis (Thermo Fisher Scientific Authorized Distributor) Silvio Kečkeš: Q EXACTIVE – HIGH RESOLUTION MS/MS ANALYSIS
14:00-15:00	<i>LUNCH BREAK</i>
<i>AFTERNOON SESSION-Chairs: Prof. Neda Mimica-Dukić, Prof. Dragojlo Obradović</i>	
<i>Session lectures</i>	
15:00–15:20	<u>Neda Mimica-Dukić</u> , Jovin, E., Lesjak, M., Beara, I., Simin, N., Orčić, D., Francišković, M.: Native plants in Serbia – opportunity for new functional foods and herbal drug
15:20–15:40	Jon E. Johansen: Glycidyl-esters and MCPD in food
15:40–16:00	Dragojlo Obradović: Dairy products and probiotics-present state
16:00–16:20	<u>Jasminka Alijagić</u> , Šajn, R.: Influence of ironworks, mining and metallurgy on distribution of chemical elements in the

	Central Bosnia and Herzegovina
16:20--16:40	<i>Coffee break and POSTER EXHIBITION</i>
<i>Oral presentations</i>	
16:40–16:50	Jozsef Magyari: Aspects of the Dynamic Vapor Sorption analytical method
16:50–17:00	Škrbić, B., <u>Ana Tjapkin</u> , Koprivica, S., Vágvölgyi, C., Manczinger, L., Sajben, E.: Simple sample preparation method for analysis of pesticides in soil
17:00–17:10	<u>Snežana Bulajić, S.</u> , Mijačević, Z., Katić, V., Savić–Radovanović, R.: Evaluation of microbiological profiles of milk and milk products from the safety aspect
17:10–17:20	<u>Jasmina Vitas</u> , Malbaša, R., Vukić, V., Lončar, E., Kolarov, Lj.: Quality of different milk-based products obtained by means of kombucha
17:20-18:20	<i>Presentation of posters</i>
<i>Parallel afternoon session</i>	
15:00-19:00	Tutorial II Karoly Héberger: “Novel chemometric methods: <i>Application of chemometrics in environmental and food safety domains</i>“ Chemical Research Center, Hungarian Academy of Sciences, Budapest
15:00-15:15	Opening and overview of the tutorial’s agenda
15:15-17:00	Ranking of models and (analytical methods): Sum of Ranking Differences
17:00-17:30	<i>Coffee break</i>
17:30-18:45	Variable selection: Pair-Correlation Method (PCM)
18:45-19:00	<i>Award of the tutorial certificates</i>
20:00-23:00	<i>GALLA DINNER</i>

Saturday, 10 September 2011

9:30-10:00	Registration and POSTER SET UP
<i>MORNING SESSION-Chairs: Prof. Karoly Héberger, Dr. Paula Alvito</i>	
<i>Key lecture</i>	
10:00-10:40	Jana Hajslova: Perfluorinated compounds in the environment and food
<i>Plenary lecture</i>	
10:40-11:05	Škrbić, B., Karoly Héberger: Evaluation of models predicting retention indices for polycyclic aromatic hydrocarbons. Comparison of methods based on sum of ranking differences and pair-correlation
11:05-11:20	Coffee break
11:20-11:45	Paula Alvito, Vasco E., Martins C., Paixão E., and Calhau M.A.: Occurrence and infant exposure assessment of chemical contaminants in baby food
11:45-12:10	Jon Sanz-Landaluze, Cámara, C.: New trends on bioaccumulation of persistent and emergent organic pollutants: beyond a simple number
<i>Vendor Seminar III</i>	
12:10-12:40	LECO Tomas Kovalczuk, Zrostlíková, J., Patrick, J., Siek, K., Hajšlová, J. : MULTI-REFLECTING HIGH RESOLUTION TOF MS COUPLED WITH FAST LC AND GC IN PESTICIDE RESIDUES ANALYSIS
12:45-13:45	Shimadzu Jelena Babalj, Mihajlović, I.: INSTRUMENT SOLUTIONS FOR FOOD & BEVERAGE, FLAVOUR & FRAGRANCE ANALYSIS
13:45-15:00	Lunch break
<i>AFTERNOON SESSION-Chairs: Prof. Milica Matavulj, Prof. Zlatan Sarić</i>	
<i>Session lectures</i>	
15:00-15:20	Milica Matavulj, Rajkovic, V.: Effects of herbicide atrazine on structure of endocrine and non-endocrine organs
15:20-15:40	Eniko Sajben, Manczinger, L., Vágvölgyi, Cs.: Characterization of an ethylenethiourea-degrading <i>Pseudomonas</i> strain
15:40-16:00	Zlatan Sarić, Dizdarević, T.: Occurance of yeast and moulds in cheese and measures for growth control

16:00–17:00	<i>Presentation of posters</i>
<i>Oral presentations</i>	
17:00–17:10	<u>Anka Popović–Vranješ</u> , Belić, B., Pejanović, R., Cvetanović, D., Tomaš, M.: Appling of biocrystallization method in order to distinguish milk from organic and conventional production
17:10–17:20	<u>Gyongyi Szigeti</u> , Kocsubé, S., Varga, J., Vágvölgyi Cs. : The role of black Aspergilli in the Fumonisin contamination of agricultural products in Hungary
17:20–17:30	<u>Otto Bencsik</u> , Farkas, A., Szekeres, A., Vágvölgyi, Cs. and Papp, T.: Purification and characterisation of a specific group of secondary metabolites
17:30–17:40	<u>Sándor Kocsubé</u> , Varga, J., Szigeti, Gy., Suri, K., Tóth, B., Toldi, É., Bartók, T., Mesterházy, Á., Vágvölgyi, Cs.: Mycotoxin producing Aspergilli in agricultural products in Central Europe
17:40–17:50	Škrbić, B., <u>Sanja Koprivica</u> , Đurišić-Mladenović, N., Hajšlová, J.: Validation of an ultra-high performance liquid chromatography-tandem mass spectrometry method for determination of aflatoxins and ochratoxin A in spices: application to the analysis of samples from the Serbian market
17:50-18:15	<i>Closing Ceremony and Poster Awards</i>
18:15	<i>Closing Ceremony Cocktail</i>

LIST OF POSTER PRESENTATION

8 September 2011

P01

Šajn, R.

INFLUENCE OF MINING AND METALLURGY ON CHEMICAL COMPOSITION OF SOIL AND ATTIC DUST IN MEŽA VALLEY, SLOVENIA

P02

Šajn, R., Halamić, J., Peh, Z., Galović, L.

HEAVY METALS IN ALLUVIAL SEDIMENTS OF THE RIVER DRAVA

P03

Šajn, R.

DISTRIBUTION OF MERCURY IN SURFACE DUST AND TOPSOIL IN SLOVENIAN RURAL AND URBAN AREAS

P04

Dimovska, S., Stafilov, T., Šajn, R.

RADIOACTIVITY IN SOIL FROM THE CITY OF KAVADARCI (REPUBLIC OF MACEDONIA) AND ITS ENVIRONS

P05

Vučič, T., Jovanović, S., Mačej, O., Zdravković, I., Kljajević, N.

INFLUENCE OF ULTRASOUND TREATMENT AND STORAGE PERIOD ON THE VISCOSITY OF SET-STYLE YOGURT MADE FROM GOAT MILK AT DIFFERENT SPEED OF SPINDLE ROTATION

P06

Švarc-Gajić, J., Stojanović, Z., Pajin B., Vasiljević, I., Suturović, Z., Kravić, S., Lončarević, I.

CHOCOLATE CONTAMINATION BY LEAD DURING TECHNOLOGICAL PROCESS

P07

Iliev, A., Ludneva, D., Kalcheva-Karadjova, K., Manev, Z.

DEVELOPING METHOD FOR QUANTIFICATION OF ABILITY OF NATURAL CHELATORS TO EXTRACT HEAVY METALS

P08

Szigeti, Gy., Horányi, A., Kocsubé S., Tóth, B., Bartók, T., Varga, J., Vágvölgyi, Cs.

EXAMINATION OF THE MYCOBIOTA AND FUMONISIN CONTENT OF DRIED FRUITS PURCHASED IN HUNGARY

P09

Csernetics, Á., Nagy, G., Farkas, A., Vágvölgyi, Cs., Papp, T.

COMPARISON OF THE CAROTENOID PRODUCTION OF DIFFERENT ZYGOMYCETOUS FUNGI

P10

Kocsubé, S., Szigeti, Gy., Bartók, T., Varga, J., Vágvölgyi, Cs.

TOOLS FOR THE DIFFERENTIATION OF THE TWO MYCOTOXIGENIC SPECIES *ASPERGILLUS NIGER* AND *A. AWAMORI*

P11

Mastilović, J., Kevrešan, Ž., Torbica, A., Živančev, D., Janić Hajnal E., Radusin, T., Matić, J.

RISK ASSESSMENT IN FOOD PRODUCTION CHAIN: PART1 – WHEAT

P12

Mastilović, J., Kevrešan, Ž., Matić, J., Cvetković, B., Novaković, A., Janić Hajnal E. Radusin, T.
RISK ASSESSMENT IN FOOD PRODUCTION CHAIN: PART2 – FRUIT AND VEGETABLES

P13

Mastilović, J., Kevrešan, Ž., Ikončić, P., Tasić, T., Janić Hajnal, E., Novaković, A., Radusin, T.
RISK ASSESSMENT IN FOOD PRODUCTION CHAIN: PART3 – MEAT AND MEAT PRODUCTS

P14

Škrbić, B., Fraqueza, M-J., Đurišić-Mladenović, N., Tjapkin, A.
POLYCYCLIC AROMATIC HYDROCARBONS AND BIOGENIC AMINES IN SMOKED DRY TRADITIONALLY MANUFACTURED MEAT PRODUCTS FROM SERBIA AND PORTUGAL

P15

Radovanović, M., Nedeljković, A., Trpković, G., Miočinović, J., Puđa, P.
PROTEIN DISTRIBUTION AND THE ROLE OF WHEY PROTEINS IN KAJMAK SKIN FORMATION

P16

Nedeljković, A., Radovanović, M., Trpković, G., Miočinović, J., Puđa, P.
THE INFLUENCE OF MILK PROTEIN AND FAT CONTENTS ON THE COMPOSITION AND YIELD OF KAJMAK SKIN

P17

Memiši, N., Škrinjar, M., Moračanin, S.
INFLUENCE OF THE QUALITY OF RAW MILK ON MICROBIOLOGICAL QUALITY OF BUTTER

P18

Memiši, N., Škrinjar, M., Vesković - Moračanin, S.
EFFECTS OF AIR HYGIENE IN BUTTER PLANT ON QUALITY OF FINAL PRODUCT

P19

Stijepić, M., Milanović, S., Glušac, J., Kalaba, V., Kanurić, K., Vukić, V., Djurdjević-Milošević, D., Ranogajec, M.
SENSORY AND MICROBIOLOGICAL PROPERTIES OF YOGHURT ENRICHED WITH HONEY AND WHEY PROTEIN CONCENTRATE

P20

Baráth, J., Vágvölgyi, Cs., Takó, M., Tserennadmid, R., Pesti, M., Krisch, J.
EFFECT OF MILKFAT CONTENT ON THE ANTI-YEAST EFFICACY OF ESSENTIAL OILS IN COW MILK

P21

Stefanović, S., Vesković-Moračanin, S., Janković, S., Radičević, T., Turubatović, L.,
SUITABILITY ASSESSMENT OF VARIOUS ANALYTICAL TECHNIQUES FOR CONFIRMATION OF VETERINARY DRUGS RESIDUES IN RESPECT TO THE PROVISIONS SET IN COMMISSION DECISION 2002/657/EC

P22

Čurčić, M., Janković, S., Jačević, V., Stanković, S., Vučinić, S., Durgo, K., Antonijević, B.
INFLUENCE OF DECA-BROMINATED DIPHENYL ETHER AND CADMIUM MIXTURE ON THYROID HORMONES IN RATS

P23

Zarić B., Bukorović M., Stojanović S.
STRONG AND WEAK HYDROGEN BONDS IN Sm/LSm OLIGOMERIC ASSEMBLIES: A COMPARISON OF INTRA- AND INTERCHAIN INTERACTIONS

9 September 2011

P01

Nagy, G., Csernetics, Á., Imre, G., Farkas, A., Vágvölgyi, Cs., Papp, T.

CHARACTERIZATION OF HMG-COA REDUCTASE GENES OF THE CAROTENOID PRODUCING *MUCOR CIRCINELLOIDES*

P02

Manczinger, L., Sajben, E., Vidács, L., Škrbić, B., Vágvölgyi, Cs.

ISOLATION AND CHARACTERIZATION OF DIURON DEGRADING BACTERIA

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