PROGRAM

8th International Conference on Chemical Reactions in Foods

February 15-17, 2017

Vienna House Diplomat Prague ● PRAGUE ● CZECH REPUBLIC

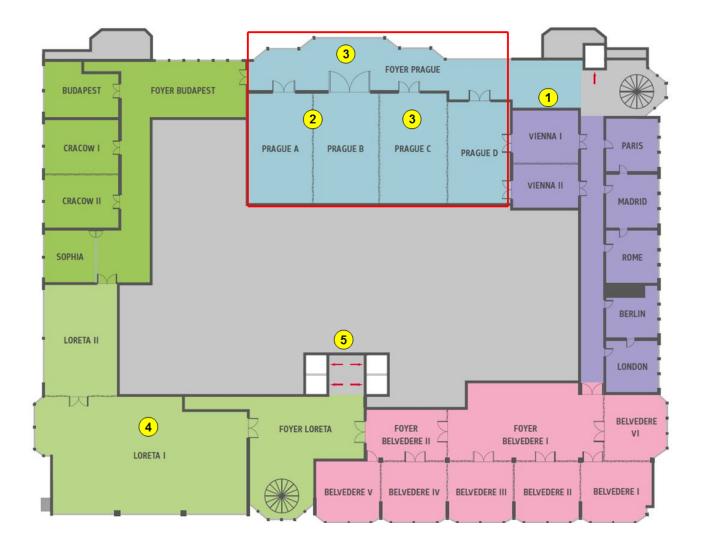




Conference is held under auspices of the minister of agriculture of the Czech Republic Marian Jurecka, and under auspices of Food Chemistry Division, EuCheMS.

CRF 2017 Venue

Vienna House Diplomat Prague



Area bounded by red line is devoted to the CRF 2017 conference (lecture hall and poster area).

- 1: Registration desk
- 2: Conference hall (oral sessions and interactive course)
- 3: Poster area & Coffee breaks & Welcome drink
- **4:** Conference restaurant (lunch)
- 5: Lifts to the hotel rooms

CRF 2017 - PROGRAM AT A GLANCE

Time / Date	WEDNESDAY February 15, 2017		THURSDAY February 16, 2017	FRIDAY February 17, 2017
8:00-9:00			Registration desk open	Registration desk open
9:00-10:00		Interactive	Oral session 3	Oral session 6
10:00-10:30	Registration for the conference	course for young scientists	CHEMICAL REACTIONS IN PROCESSED / STORED FOODS I	CHEMICAL REACTIONS IN PROCESSED / STORED FOODS III
10:30-11:00			Coffee Break	Coffee Break
11:00-12:00			Oral session 4	Oral session 7
12:00-12:30	Opening of the conference & Welcome to the CRF 2017		RECENT STRATEGIES FOR HIGH FOOD QUALITY, INCREASED SHELF LIFE AND SAFETY	CHEMICAL REACTIONS IN PROCESSED / STORED FOODS IV
12:30-13:30	Oral session 1 STRATEGIES TO IMPROVE FOOD QUALITY AND CHEMICAL SAFETY		Lunch	Final discussion panel & CRF 2017 poster award & Closing address
13:30-15:00	CHEIVIICA	LSAFETT	Poster session	
15:00-15:30	Coffee Break		Coffee Break	
15:30-18:00	Oral session 2 CHEMICAL REACTIONS ASSOCIATED WITH FOOD FLAVOURS		Oral session 5 CHEMICAL REACTIONS IN PROCESSED / STORED FOODS II	
18:30-19:30	Welcom	ne Drink		
From 20:00			Conference Dinner	

Coffee breaks and Welcome drink will be served in the conference area; lunch will be served in the hotel restaurant Loreta.

February 15, 2017 ORAL SESSIONS

WEDNESDAY, February 15, 2017

Registration for the CRF 2017 conference 8:00-12:00 9:00-11:00 INTERACTIVE COURSE FOR YOUNG SCIENTISTS Conference hall FOOD CHEMISTRY: LET'S ADDRESS JOINTLY CHALLENGES FOR FUTURE Prague A+B Moderators: Milena Stranska (University of Chemistry and Technology, Prague, Czech Republic) & Tomas Davidek (Nestlé Product Technology Centre Orbe, Nestec Ltd., Orbe, Switzerland) 12:00-12:30 **OPENING** of the conference and WELCOME Conference hall Jana Hajslova & Marco Arlorio, Chairs of the CRF 2017 Scientific Committee Prague A+B Tomas Ruml, Dean of Faculty of Food and Biochemical Technology, UCT Praque Marco Arlorio, Chair of the Division of Food Chemistry, EuCheMS Representative of Ministry, Ministry of Agriculture of the Czech Republic MUSIC WELCOME 12:30-15:00 **ORAL SESSION 1:** Conference hall STRATEGIES TO IMPROVE FOOD QUALITY AND CHEMICAL SAFETY Prague A+B Chairpersons: Jana Hajslova and Marco Arlorio 12:30-12:55 L1 TECHNICAL REGULATORY DEVELOPMENTS: ACRYLAMIDE, 3-MCPD, 2-MCPD AND GLYCIDYL FATTY ACID ESTERS AS WELL AS FURAN -AN INDUSTRY PERSPECTIVE Beate Kettlitz, FoodDrinkEurope, Brussels, Belgium 12:55-13:15 L2 FORMATION AND METABOLIZATION OF GLYCATED AMINO ACIDS IN THE BREWING PROCESS Michael Hellwig, Technische Universität Dresden, Dresden, Germany 13:15-13:35 L3 THERMAL DECOMPOSITION AND THE FORMATION OF **DEGRADATION PRODUCTS OF T-2 AND HT-2 TOXIN DURING PROCESSING OF OATS** Henning Sören Schmidt, Westfälische Wilhelms-Universität Münster, Münster, Germany 13:35-13:55 L4 HYDROLYSIS OF VICINE AND CONVICINE IN FABA BEAN SUSPENSIONS AND SOURDOUGHS Marjo Pulkkinen, University of Helsinki, Helsinki, Finland 13:55-14:05 L5* THE RELATIONSHIP BETWEEN DOUGH COMPOSITION AND 3-MCPD **ESTERS CONTENT IN COOKIES** Beverly Belkova, University of Chemistry and Technology, Prague, Czech Republic 14:05-14:15 L6* NEW NATURAL SEASONINGS FROM WINE POMACE TO INHIBIT cancelled LIPID AND PROTEIN OXIDATION DURING STORAGE OF BEEF **PATTIES** Javier García-Lomillo, University of Burgos, Burgos, Spain 14:15-14:40 I 7 FORMATION AND ANALYSIS OF DESIRED AROMA-ACTIVE AND UNDESIRED FOOD-BORNE TOXICANTS DURING FOOD PROCESSING Michael Granvogl, Technical University of Munich, Freising, Germany 14:40-15:00 L8 MITIGATION OF AFLATOXINS CONTENT: IN SILICO ANALYSIS AS THE FIRST STEP IN THE ENZYMES-BASED STRATEGIES **Luca Dellafiora,** University of Parma, Parma, Italy

ORAL SESSIONS February 15, 2017

OKAL SESSIONS	1 ebidaly 13, 2017
15:00-15:30 Conference area	Coffee Break
15:30-18:05 Conference hall Prague A+B	ORAL SESSION 2: CHEMICAL REACTIONS ASSOCIATED WITH FOOD FLAVOURS Chairpersons: Tomas Davidek and Beate Kettlitz
15:30-15:55 L9	WHEN FLAVOUR TURNS INTO COLOR: NEW INSIGHTS ON (ETHYL)VANILLIN CHEMISTRY IN FOODS Marco Arlorio, Università del Piemonte Orientale A. Avogadro , Novara, Italy
15:55-16:20 L10	NEW INSIGHTS INTO FRUIT CULTIVATION AND PROCESSING BASED ON PRODUCT FLAVOUR Barbara Siegmund, Graz University of Technology, Graz, Austria
16:20-16:45 L11	FLAVOUR GENERATION UPON FOOD PROCESSING - REVEALING THE REACTION PATHWAYS IN COMPLEX FOOD SYSTEMS Tomas Davidek, Nestlé Product Technology Centre Orbe, Nestec Ltd., Orbe, Switzerland
16:45-17:05 L12	FACTORS INFLUENCING THE KEY AROMA COMPOUNDS OF RUM Laura Franitza, Technical University of Munich, Freising, Germany
17:05-17:25 L13	HOW TO PRODUCE FLAVOURS AND FRAGRANCES FROM ALPHA- PINENE - DESIGN THE LIPASE-BASED CATALYST FOR SELECTIVE BIOCATALYTIC OXIDATION OF ALPHA-PINENE Madalina Tudorache, University of Bucharest, Bucharest, Romania
17:25-17:35 L14 *	ELUCIDATION OF THE FUSTY/MUSTY OFF-FLAVOUR IN NATIVE COLD-PRESSED RAPESEED OILS FOR THE DEVELOPMENT OF A QUICK METHOD FOR QUALITY CONTROL Katrin Matheis, Technical University of Munich, Freising, Germany
17:35-17:45 L15 *	FURFURYL ALCOHOL FORMATION DURING ROASTING OF COFFEE Abdullatif Albouchi, Graz University of Technology, Graz, Austria
17:45-18:05 L16	ADDITION OF ANTIOXIDANTS IN COOKED MEAT: MITIGATION OF HETEROCYCLIC AROMATIC AMINES AND SENSORY EFFECTS Maïa Meurillon, Institut national de la recherche agronomique (INRA), Saint-Genès-Champanelle, France
18:30-19:30 Conference area	Conference Welcome Drink

^{*} Young scientists' presentation

February 16, 2017 ORAL SESSIONS

February 16, 20	17	ORAL SESSIONS
		THURSDAY, February 16, 2017
9:00-10:30 Conference hall Prague A+B		ORAL SESSION 3: CHEMICAL REACTIONS IN PROCESSED / STORED FOODS I Chairpersons: Hans-Gerd Janssen and Lanfranco Conte
9:00-9:25	L17	CASEIN AND CASEIN MICELLES: STRUCTURES, FUNCTIONS, FUNCTIONALIZATION Thomas Henle, Technische Universität Dresden, Dresden, Germany
9:25-9:50	L18	TRANSGLYCOSYLATION REACTIONS, A MAIN MECHANISM OF PHENOLICS INCORPORATION IN COFFEE MELANOIDINS AND THEIR INHIBITION BY MAILLARD REACTION Manuel A. Coimbra, University of Aveiro, Aveiro, Portugal
9:50-10:10	L19 L20 cancelled	RELATIONSHIPS BETWEEN ANTIOXIDANT EFFICIENCIES IN EMULSIONS AND THEIR INTERFACIAL ANTIOXIDANT CONCENTRATIONS. APPLICATION OF THE PSEUDOPHASE KINETIC MODEL Carlos Bravo-Díaz, Universidad de Vigo, Vigo, Spain
10:10-10:30	L21	REACTIVITY OF FREE MALONDIALDEHYDE IN OIL-IN-WATER EMULSIONS DURING IN VITRO DIGESTION Angelique Vandemoortele, Ghent University, Ghent, Belgium
10:30-11:00 Conference area		Coffee Break
11:00-12:35 Conference hall Prague A+B		ORAL SESSION 4: RECENT STRATEGIES FOR HIGH FOOD QUALITY, INCREASED SHELF LIFE AND SAFETY Chairpersons: Chiara Dall'Asta and Barbara Siegmund
11:00-11:25	L22	LIPID OXIDATION REACTIONS IN FAT-RICH FOODS: IS THE CURRENT ANALYTICAL TOOLBOX SUFFICIENT? Hans-Gerd Janssen, Unilever Research and Development, Vlaardingen, The Netherlands
11:25-11:50	L23	MINOR COMPOUNDS AS MARKERS OF PURITY AND QUALITY OF EDIBLE FATS AND OILS: RECENT DEVELOPMENTS Lanfranco Conte, University of Udine, Udine, Italy
11:50-12:15	L24	COLD PRESSED OILS: MORE UNDERSTANDING OF THE CHEMISTRY BEHIND NEEDED Jana Hajslova, University of Chemistry and Technology, Prague, Czech Republic
12:15-12:35	L25	HEAT LOAD OF EXTENDED SHELF LIFE (ESL) MILK AND CREAM IN AUSTRIA Helmut K. Mayer, BOKU - University of Natural Resources and Life Sciences Vienna, Vienna, Austria
12:35-13:30 Conference resta	aurant	Lunch

February 16, 2017 **ORAL SESSIONS**

ORAL 3E33ION3	rebluary 10, 2017
	THURSDAY, February 16, 2017
13:30-15:00 Conference hall Prague C	POSTER SESSION Authors' presentation slot. Posters are displayed during the whole conference.
15:00-15:30 Conference area	Coffee Break
15:30-17:50 Conference hall Prague A+B	ORAL SESSION 5: CHEMICAL REACTIONS IN PROCESSED / STORED FOODS II Chairpersons: Thomas Henle and Marina Heinonen
15:30-15:55 L26	CHEMICAL REACTIONS IN COOKED FOODS: THE CONSEQUENCES ON DIGESTIBILITY Vincenzo Fogliano, University of Wageningen, Wageningen, The Netherlands
15:55-16:20 L27	PROTEIN OXIDATION IN FOODS Marina Heinonen, University of Helsinki, Helsinki, Finland
16:20-16:40 L28	THE QUALITY OF LOW LACTOSE MILK IS AFFECTED BY THE SIDE PROTEOLYTIC ACTIVITY OF THE LACTASE USED IN THE PRODUCTION PROCESS Antonio Dario Troise, University of Naples Federico II, Napoli, Italy
16:40-17:00 L29	NOVEL AND HIGHLY SENSITIVE MARKER PEPTIDES TO PREDICT THE INDUSTRIAL HEAT TREATMENT OF MILK Sevim Dalabasmaz, Friedrich-Alexander Universität Erlangen-Nürnberg, Erlangen, Germany
17:00-17:10 L30*	OHMIC HEATING: A PROMISING TECHNOLOGY FOR MINIMIZATION OF FURAN FORMATION IN STERILIZED VEGETABLE / MEAT BABY FOOD Jaromir Hradecky, University of Chemistry and Technology, Prague, Czech Republic
17:10-17:30 L31	ADDITION OF SODIUM ASCORBATE, CITRIC AND ASCORBIC ACIDS TO EXTEND THE SHELF-LIFE OF TUNA MEAT FISH IS A RISK OR A BENEFIT FOR CONSUMERS? Mila Nocentini, Istituto Zooprofilattico Sperimentale del Lazio E Della Toscana (IZSLT), Florence, Italy
17:30-17:50 L32	USE OF PECTIC POLYSACCHARIDES AS AN ACRYLAMIDE MITIGATION STRATEGY - COMPETITION BETWEEN SUGAR ALDEHYDE AND CARBOXYLIC GROUPS Claudia Passos, University of Aveiro, Aveiro, Portugal
From 20:00	Conference Dinner

^{*}Young scientists' presentation

8th International conference on Chemical Reactions in Foods (CRF 2017)
February 15-17, 2017, Prague, Czech Republic

February 17, 2017 ORAL SESSIONS

February 17, 20)1 /	ORAL SESSIONS
		FRIDAY, February 17, 2017
9:00-10:25 Conference hall Prague A+B		ORAL SESSION 6: CHEMICAL REACTIONS IN PROCESSED / STORED FOODS III Chairpersons: Manuel A. Coimbra and Nadia Mulinacci
9:00-9:25	L33	BIOACTIVE COMPOUNDS FROM MARINE SOURCES Klara Stensvåg, The UiT The Arctic University of Norway, Tromsø, Norway
9:25-9:55	L34	REVEALING POLYPHENOL-PROFILE AND ANTIMICROBIAL ACTIVITY OF SELECTED PROPOLIS SAMPLES, UNDERPINNING PLAUSIBLE IMPLICATIONS IN HEALTH-PROMOTING FOOD PRODUCTS Attila Kiss, Kaposvár University, Kaposvár, Hungary
9:55-10:05	L35*	CHINESE HAWTHORN (CRATAEGUS PINNATIFIDA) FRUIT: A POTENTIAL NOVEL FOOD? Kamila Hurkova, University of Chemistry and Technology, Prague, Czech Republic
10:05-10:25	L36	DETERMINATION OF THE ORIGIN FOR ANTHRAQUINONE IN ORGANIC TEA PRODUCTION Anna Romanotto, PiCA GmbH Berlin, Berlin, Germany
10:25-11:00 Conference area	à	Coffee Break
11:00-13:00 Conference hall Prague A+B		ORAL SESSION 7: CHEMICAL REACTIONS IN PROCESSED / STORED FOODS IV Chairpersons: Jana Hajslova and Marco Arlorio
11:00-11:20	L37	LIGNANS IN VIRGIN OLIVE OILS: EFFECT OF REFINING PROCESS AND FRAUDS Nadia Mulinacci, Università degli Studi di Firenze, Firenze, Italy
11:20-11:40	L38	FORMATION OF EPOXY FATTY ACIDS DURING PHOTO-OXIDATION IN OIL IN WATER EMULSIONS Phuong Pham, Ghent University, Ghent, Belgium
11:40-11:50	L39*	METABOLIC CHANGES DURING STORAGE OF RAPESEEDS AND CONSEQUENCES FOR THE QUALITY OF THE RESULTING VIRGIN, COLD-PRESSED OIL Anja Bonte, Max Rubner-Institut, Detmold, Germany
11:50-12:10	L40	OXIDATION OF FATTY ACIDS IN BULK TRIGLICERIDES PHASES Marini Damanik, Graz University of Technology, Graz, Austria
12:10-12:30	L41	THE UNIQUE CHEMISTRY OF MANUKA HONEY (LEPTOSPERMUM SCOPARIUM) Jana Rückriemen, Technische Universitaet Dresden, Dresden, Germany
12:30-13:00 Conference hall Prague A+B		FINAL DISCUSSION PANEL Panellists: CRF 2017 Scientific Committee
13:00-13:30 Conference hall Prague A+B		CLOSING ADDRESS Jana Hajslova & Marco Arlorio, Chairs of the CRF 2017 conference CRF 2017 poster award & Announcement of the next CRF event

^{*}Young scientists' presentation

POSTER SESSION

I3:30–15:00 POSTER SESSION (Thursday, February 16, 2017 - authors' presentation slot) CHEMICAL REACTIONS IN PROCESSED / STORED FOODS RECENT STRATEGIES FOR HIGH FOOD QUALITY, INCREASED SHELF LIFE AND SAFETY CHEMICAL REACTIONS INVOLVING FOOD IMPROVEMENT AGENTS (ADDITIVES, ENZYMES, FLAVORINGS), MITIGATION FOOD CONTAMINANTS AND RESIDUES BIOLOGICALLY-ACTIVE CONSTITUENTS IN FOOD CROPS AND PRODUCTS THEREOF CHEMISTRY BEHIND NOVEL FOODS, BOTANICALS AND DERIVED PREPARATIONS, FOOD SUPPLEMENTS

Posters are displayed during the whole conference.

Februry 15-17, 2017 POSTER SESSION

POSTER SESSION

P1	EFFECT OF VARIOUS COOKING TECHNOLOGIES ON QUALITY AND STARCH
	NUTRITIONAL PROPERTIES OF PULSES
	<u>Sanaa Ragaee</u> , El-Sayed Abdel-Aal

- P2 VOLATILE COMPOUNDS PROFILE OF MICROWAVE TREATED TART CHERRY PUREES WITH ADDITION OF SUGARS DURING STORAGE

 Anita Pichler, Ivana Ivić, Josip Šimunović, Mirela Kopiar
- P3 TEXTURE AND AROMA PROFILE OF SOUR CHERRY FILLINGS
 Anita Pichler, Ivana Ivić, Mirela Kopjar
- P4 AROMATIC PROFILE OF RASPBERRY CREAM FILLINGS WITH SUGARS, MODIFIED STARCHES AND HYDROCOLLOIDS

 Anita Pichler, Anita Kerekeš, Tijana Pinkle, Mirela Kopjar
- P5 TEXTURAL PROPERTIES OF MODEL SYSTEMS OF HYDROCOLLOIDS AND SUGARS Mirela Kopjar, Anita Pichler
- P6 FREE MCPDS, THEIR ESTERS AND GLYCIDYL-ESTERS IN FOOD: PRECISION AND ACCURACY FOR MONITORING FOOD PRODUCTS AND MITIGATION PROCESSES Emiliano De Dominicis, Alberto Stocco, Elena Barolo, Claudia Piazza, Jean-Baptiste Gay
- P7 PROMOTION OF MAILLARD REACTIONS BY CHITOSAN-GENIPIN FILMS IN MODEL WINE SOLUTIONS

 M. Angélica M. Rocha, Cláudia Nunes, Manuel A. Coimbra
- P8 PESTICIDES HOUSEHOLD PROCESSING FACTORS OF NATURALY
 CONTAMINATED FRESH TOMATOES AND APPLES
 Maria Rosa Repetti, Vanesa La Barba, Dario Maggioni, Melina Michlig, Florencia Magni, Horacio Beldoménico
- P9 REDUCTION AND TRANSFORMATION OF DEOXYNIVALENOL DURING THERMAL PROCESSING

 David Stadler, Alexandra Malachova, Franz Berthiller, Rainer Schuhmacher, Christoph Büschl, Michele Suman, Francesca Lambertini, Rudolf Krska
- P10 AUTHENTICATION OF MEAT AND MEAT PRODUCTS USING LC-MS/MS TARGET PROTEOMIC ANALYSIS APPROACH
 Štěpán Czornyj, Eva Forejtová, <u>Soňa Baršová</u>
- P11 ANALYSIS OF CHEMICAL COMPOSITIONS AND CORDYCEPIN IN TOCHUKASO MUSHROOM

 Hyo-Nam Song, Tae-Young Kim
- P12 GELATION OF FUNCTIONALIZED CASEIN INFLUENCE OF MAILLARD REACTION AND ENZYME-CATALYZED PROTEIN CROSS-LINKING
 Thomas Henle, Mariella Hannß, Natalie Hubbe
- P13 INFLUENCE OF CYCLODEXTRINS ON ACE-INHIBITORY DIPEPTIDES PRESENT IN PROTEIN HYDROLYSATES

 Thomas Henle, Steffi Rudolph, Edris Riedel
- P14 FREE MAILLARD REACTION PRODUCTS IN MILK FROM "ORGANIC" AND "CONVENTIONAL" FARMING

 $\underline{ Thomas\ Hofmann}, Uwe\ Schwarzenbolz,\ Nina\ Sparmann,\ Thomas\ Henle$

- P15 NEW SEASONING FROM WINE POMACE PROMOTES THE FORMATION OF
 PYRAZINES IN BARBECUED BEEF PATTIES

 Javier García-Lomillo, Mª Luisa González-SanJosé, Miriam Ortegas-Heras, Raquel Del Pino-García, Mª
 Dolores Rivero-Pérez, Pilar Muñiz-Rodríguez
- PHYSICOCHEMICAL PROPERTIES OF DRIED ARONIA FRUIT BY DECOMPRESSED HEAT PUMP DRYER (DHPD)

 Hyun-Chol Jung, Sang-Yeol Kim, Sang-Ro Lee, Hyo-Nam Song
- P17 IDENTIFICATION OF BIPHENYLS CONTAMINANTS RESPONSIBLE FOR OFF-FLAVOUR IN SOFT DRINKS Helena Cizkova, Vojtech Kruzik, Iveta Sistkova

	R SESSION	February 15-17, 201
P18	EVALUATION OF COCOA PRODUCTS QUALITY AND AUTH DART/TOF-MS	ENTICITY BY
	Jana Prchalova, Frantisek Kovarik, <u>Helena Cizkova</u> , Zuzana Dvorakova, Ales	s Rajchl
P19 cancelled	FUMIGATION TOXICITY OF PINUS CEMBRA L. AND P. SYLV OILS ON THE STORED PRODUCT INSECT ORYZAEPHILUS S Katharina Müllner, Cornelia Rieder-Gradinger, Ingrid Steiner	
P20	UNRAVELLING COMPLEX REACTION PATHWAYS - FATE OF AGROCHEMICALS IN FOOD PROCESSING - FIRST RESULTS Bernd Göckener, Mark Bücking, Matthias Kotthoff	
P21 cancelled	UTILIZATION OF OLIVE LEAVES AS NATURAL ANTIOXIDAN Serpil Öztürk, Sevtap Karabulut, Oğuz Acar	IT IN COOKIES
P22	FORMATION OF MAILLARD REACTION PRODUCTS DURING HAZELNUTS Sophia Witte, Thomas Henle	G ROASTING OF
P23	ENZYMATIC CROSSLINKING OF CASEIN MICELLES UNDER CONDITIONS	ALKALINE
	Anja Dürasch, Jana Wissel, Thomas Henle	
P24	INFLUENCE OF THE CASEIN MICELLE STRUCTURE ON THE Ulrike Möckel, Anja Dürasch, Thomas Henle	
P25	BIODEGRADABILITY OF TOXIC COMPOUNDS OF SEEDS FI AFTER NATURAL SOLID-STATE FERMENTATION Armando Garcia-Rodriguez, Luciana Casaletti, Gustavo Henrique Ferreira-S Milhomem, José Daniel Gonçalves-Vieira, Kátia Flávia Fernandes	
P26	FOOD SECURITY ISSUES AND AG COOPS IN GEORGIA Kakha Nadiradze	
P27	UNDERSTANDING ROASTING-INDUCED MODIFICATIONS POLYSACCHARIDES USING MASS SPECTROMETRY Ana S. P. Moreira, Fernando M. Nunes, M. Rosário, M. Domingues, Manuel	
P28	FORMATION OF ,-DIDEOXYGLUCOSONEENE IN BEER TH DEOXYHEXOSONE INTERCONVERSION Michael Hellwig, Sophia Witte, Arndt Nobis, Thomas Henle	ROUGH -
P29	EXAMINATION OF ACRYLAMIDE IN MILK WITH DIFFERENT Suzana Stojanovska, Julijana Tomovska	TYPES OF COFFEE
P30	BIOGENIC AMINES IN DIFFERENT CHEESE VARIETIES RETA	AILED IN AUSTRIA
P31	TRANSFER OF CAROTENOIDS FROM SUPPLEMENTED FEE Lucie Kreichova , Michaela Skopikova , Vera Schulzova , Milena Stranska-Za	
P32	THE INFLUENCE THERMAL STABILIZATION ON POPPY SEE Marie Bicova, Michaela Skopikova, Vladimir Kocourek, Jana Hajslova	DS
P33	PLANT SOURCES OF GALACTOLIPIDS <u>Ales Krmela</u> , Vera Schulzova, Jana Hajslova	
P34	BIOLOGICALLY ACTIVE CONSTITUENTS IN HEMP OIL AT THE Frantisek Benes, Marie Bicova, Katerina Matejkova, Veronika Krtkova, Jana	
P35	AMBIENT MASS SPECTROMETRY EMPLOYING DIRECT ANA (DART) IONIZATION SOURCE FOR MONITORING OF LARD Vojtech Hrbek, Jan Panek, Jana Hajslova	
P36	CHANGES IN LIPID FRACTION OF CZECH CARP (CYPRINUS LONG-TERM STORAGE Adam Zabloudil, Michaela Rektorisova, Katerina Matejkova, Jana Hajslova	CARPIO L.) DURING A
P37	PRODUCTION OF CHICKEN MEAT AND EGGS WITH ADDE PUFA AND ORGANIC SELENIUM ORIGINATING FROM MIC Monika Jiru, Milena Stranska-Zachariasova, Jana Kohoutkova, Adam Zablou Revenco, Zuzana Bizova, Jana Hajslova	ROALGAE

HERBAL TEAS: POTENTIAL CONTAMINATION BY PLANT ALKALOIDS P38 <u>Alena Zachariasova</u>, Milena Stranska-Zachariasova, Petra Slavikova, Jiri Hricko, Jana Hajslova

Februry 15-17, 2017 POSTER SESSION

P39 PRE- AND POST-HARVEST CHANGES OF S-ALK(EN)YL-L-CYSTEINSULPHOXIDES
AND OTHER BIOLOGICALLY ACTIVE COMPOUNDS IN GARLIC
Michaela Rektorisova, Vojtech Hrbek, Jaroslava Ovesna, Jana Hajslova

- P40 PCR-BASED FISH MEAT AUTHENTICATION
 Diliara Akhatova, Petr Hanak, Ivana Laknerova, Kamila Zdenkova, Katerina Demnerova
- P41 SHORT STUDY TO VERIFY OF FORMATION OF PHTHALIMIDE FROM PHTHALIC ACID AND AMMONIUM IN PEPPERMINT PLANT

 Juliane Scholl, Anna Romanotto, Florian Muetze
- P42 WHEY PROTEIN INTERACTIONS WITH BERRY TANNIN
 Bei Wang, Marina Heinonen
- P43 PLASMA LIPIDOME PROVIDES A CLEAR MESSAGE ON PARENTERAL NUTRITION
 Vit Kosek, Vojtech Hrbek, Marek Havlicek, Jana Hajslova
- P44 REACTIVE CARBONYL COMPOUNDS IN SUGAR SWEETENERS AND SOFT DRINKS Karel Cejpek, Veronika Bánovská, Anna Fleglová
- P45 METHYLGLYOXAL AND DIHYDROXYACETONE PRESENT IN MANUKA HONEY (LEPTOSPERMUM SCOPARIUM) ARE INHIBITORS OF JACK BEAN UREASE Jana Rückriemen, Oliver Klemm, Thomas Henle
- P46 BIOCONTROL OF OCHRATOXIN A DURING COCOA POST-HARVEST TREATMENTS

 Kra Brou Didier Kedjebo, Tagro Simplice Guehi, Pascaline Alter, Noël Durand, Philip Aguilar, Angelique
 Fontana-Tachon, Didier Montet
- P47 KINETICS OF GLYCIDYLESTERS AND 3-MCPD ESTERS FORMATION FROM MONOPALMITINE, DIPALMITINE AND TRIPALMITINE

 Vojtech Ilko, Kateřina Matějková, Marek Doležal
- P48 INTERFACIAL CONCENTRATIONS OF PHENOLIC ANTIOXIDANTS IN MODEL FOOD EMULSIONS: EFFECTS OF ACIDITY AND SURFACTANT CONCENTRATION Carlos Bravo-Díaz, Sonia Losada-Barreiro, Fátima Paiva-Martins, Laurence S. Romsted