

## 4<sup>TH</sup> CEFood Congress Schedule May 2008

Wednesday the 14 <sup>th</sup>								
Morning					Afternoon			
					Poster mounting: <b>P_001 – 077</b> 18.00 Registration			
					18.00-20.00 Round Table: <i>HAZU Section (In Croatian)</i>			
					20.00 Welcome drink			
Thursday the 15 <sup>th</sup>								
8.00 Registration (contd); Poster mounting: <b>P_001 - 077</b>								
RAGUSA Hall				13.30 - 14.30  Lunch	RAGUSA Hall			
8.30-9.00	9.15-11.10	11.10-11.30	11.30-13.25		14.30-16.55	17.00-17.30	17.30-19.30	
Welcome 9.00-9.15 Break	L_01-03	Break	L_04-06		Session 1	Break	Session 2	
					C_01-06		C_07-11	
ORLANDO Hall					ORLANDO Hall			
9.15 – 11.10					14.30-16.55	16.55-17.25	17.30-19.10	
Round Table: <i>Croatian Chamber of Economy (In Croatian)</i>					Session 3	Break	Session 4	
					C_12-17		L_07 C_18-20	
Friday the 16 <sup>th</sup>								
8.00 Registration (contd); Poster mounting: <b>P_078 - 172</b>								
RAGUSA Hall				13.30 - 14.30  Lunch	RAGUSA Hall			
9.00-10.55	11.00-11.30	11.30-13.25			14.30-16.55	17.00-17.30	17.30-19.30	
L_08-10	Break	L_11-13			Session 5	Break	Session 6	
					C_21-26		C_27-31	
ORLANDO Hall					ORLANDO Hall			
9.00-10.00	11.00-11.30	11.30-13.30			14.30 - 16.30	16.30 - 17.00	17.05 - 18.15	
ETP IIR	Break	S_01- 06			Session 7	Break	Session 8	
					C_32-36		C_37-39	
					18.30-19.30 Workshop: Global Harmonization Initiative - GHI			
					20.00 Congress Banquet			
Saturday the 17 <sup>th</sup>								
8.00 Registration (contd)								
RAGUSA Hall				14.00 - 15.00  Lunch	16.00 EXCURSION			
9.00-10.55	11.00-11.30	11.30-13.05	13.10-14.00					
		Session 9						
L_14-16	Break	C_40 -43	Poster awards Congress Close					

L\_Invited lectures; C\_Contributed lectures; P\_Poster presentations; S\_Sponsored presentations

## Wednesday, May 14, 2008

- 18.00 Poster mounting: [P\\_001 – 077](#)  
Registration
- 18.00 - 20.00 Round Table:  
Moderator: Vesna Lelas  
**Razvoj novih tehnologija i procesa u proizvodnji hrane u Republici Hrvatskoj**  
Sekcija za preradu poljoprivrednih proizvoda i biotehnologiju, Hrvatska Akademija Znanosti i Umjetnosti -HAZU  
**(New technologies and processes development in food production in the Republic of Croatia) (In Croatian)**  
Section for agricultural products processing and biotechnology, Croatian Academy of Science and Arts
- 20.00 Welcome drink

## Thursday, May 15, 2008

- 08.00 Registration (cont) and Poster mounting: [P\\_001 – 077](#)
- Program: [RAGUSA Hall](#)
- 08.30 – 09.00 Welcome  
*Welcome protocol will be held in Croatian. Simultaneous translation is provided*
- 09.00 – 09.15 Break
- 09.15 – 11.10 Chairpersons: Alain LeBail, Damir Karlović, Giuseppe Joe Mazza
- 09.15 – 09.50 L\_01 Tomislav LOVRIĆ, Croatia  
**Science based approaches defining the future of food production**
- 09.55 – 10.30 L\_02 Volker HEINZ, Germany  
**Emerging technologies in food processing-consumer demand and engineering challenges**
- 10.35 – 11.10 L\_03 Diána BÁNÁTI, Hungary  
**Fear of future food**
- 11.10 – 11.30 Break for Posters: [P\\_001 – 077](#) Exhibition and Coffee
- 11.30 – 13.25 Chairpersons: Tomislav Lovrić, Diána Bánáti, Vlasta Piližota
- 11.30 – 12.05 L\_04 Nils-Georg ASP, Sweden  
**Health claims in the EU and their scientific substantiation**
- 12.10 – 12.45 L\_05 Giuseppe Joe MAZZA, Canada  
**Antioxidants and their effect on health**
- 12.50 – 13.25 L\_06 Alain Le-BAIL, Gaëlle Arvisenet, Fadhel Ben-Aissa, Sylvie Chevallier, Joëlle Grua, Vanessa Jury, Marie De-Lamballerie, Jean Yves Monteau, Sandra Mezaize, Pauline Poinot, Carole Prost, France  
**Food refrigeration and baking-challenges and needs for the future**
- Program [ORLANDO Hall](#)
- 09.15 – 11.10 Round Table:  
Moderator: Nadan Vidošević  
Croatian Chamber of Economy *(In Croatian)*
- 11.10 – 11.30 Break for Posters: [P\\_001 – 077](#) Exhibition and Coffee

13.30 – 14.30 Lunch

Program: **RAGUSA Hall**

14.30 – 16.55 Chairpersons: Ingrid Bauman, Damir Ježek, Cristina M. Rosell

### Session 1: Food Engineering

- 14.30 – 14.50 **C\_01 High pressure sterilisation – state of the art**  
Alexsander Mathys, Volker Heinz, Dietrich Knorr
- 14.55 – 15.15 **C\_02 Pulsed electric fields, novel non thermal technology and its applications in food processing**  
Ana Balasa, Dietrich Knorr
- 15.20 – 15.40 **C\_03 Opportunities and challenges of model predictive control in food technologies**  
Želimir Kurtanjek
- 15.45 – 16.05 **C\_04 Improvement of foaming properties of whey proteins**  
Suzana Rimac Brnčić, Vesna Lelas, Marija Badanjak
- 16.10 – 16.30 **C\_05 Trends in food engineering**  
Elisabeth Dumoulin
- 16.35 – 16.55 **C\_06 Starch gelatinization by combined pressure/temperature treatment**  
Roman Buckow, Ingrid Appelquist, Cornelis Versteeg

17.00 – 17.30 Break for Posters: **P\_001 – 077** Exhibition and Coffee

17.30 – 19.30 Chairpersons: Vesna Lelas, Volker Heinz, Drago Šubarić

### Session 2: Food Processing and Food Refrigeration

- 17.30 – 17.50 **C\_07 Effect of impact loads on apple losses after storage**  
Amir Hosein Afikari Sayyah, Saeed Minaei
- 17.55 – 18.15 **C\_08 Fermentation processes by immobilized cell systems in beverage production**  
Viktor Nedović, Verica Manojlović, Ida Leskošek-Čukalović, Branko Bugarski
- 18.20 – 18.40 **C\_09 Cryoprotective effect of polydextrose on adriatic pilchard surimi**  
Dragan Kovačević, Krešimir Mastanjević, Kristina Suman, Damir Šarić
- 18.45 – 19.05 **C\_10 Characterization of polyphenoloxidase from the monzanilla cultivar (*Olea europaea pomiformis*) and prevention of browning reactions in bruised olive fruits**  
Kharla A. Segovia-Bravo, Manuel Jarén-Galán, Pedro Garcíá-García, Antonio Garrido-Fernández
- 19.10 – 19.30 **C\_11 Different technological strategies for designing gluten free products**  
Cristina M. Rosell

Program **ORLANDO Hall**

14.30 – 16.55 Chairpersons: Ivančica Delaš, Jasminka Z. Ilich, Olivera Koprivnjak

### Session 3: Food and Health

- 14.30 – 14.50 **C\_12 Optimizing health of aging population with food and nutrition**  
Jasminka Z. Ilich
- 14.55 – 15.15 **C\_13 Fatty acid composition of spleen and adipose tissue in rats fed fat-free diet**  
Ivančica Delaš, Tomislav Petrović, Frane Delaš, Milivoj Popović

- 15.20 – 15.40 C\_14 Folate status in Croatian women of childbearing age**  
Irena Colić Barić, Vesna Žižić, Lea Sokolić, Irena Keser, Ivana Cecić, Jasminka Ilich-Ernst
- 15.45 – 16.05 C\_15 Effect of long-term ingestion of microwaved food on blood changes of glutathione peroxidase enzyme in rat**  
Sedehi Esfahani. M, Khadivi. S, Rashid Najafi. F., Kohbodi. A
- 16.10 – 16.30 C\_16 *Lactobacillus helveticus* M92 and prebiotic substrates: synbiotic effect on the intestinal microflora on mice and their immune system**  
Jadranka Frece, Blaženka Kos, Ivan Krešimir Svetec, Zoran Zgaga, Jasna Beganović, Andreja Leboš, Jagoda Šušković
- 16.35 – 16.55 C\_17 Antiulcer and emulsifying activities of an exopolysaccharide from a probiotic bacterium**  
Vidya Prabhakar Kodali, Ramkrishna Sen
- 16.55 – 17.25 Break for Posters: P\_001 – 077 Exhibition and Coffee**
- 17.30 – 19.10 Chairpersons: Nils-Georg Asp, Irena Colić Barić, Peter Raspor**

#### **Session 4: Food and Consumer**

- 17.30 – 17.55 L\_07 Consumers, nutrition, health and information**  
Irena COLIĆ BARIĆ
- 18.00 – 18.20 C\_18 Diet and consumption as a new religion**  
Carmen E. Costea
- 18.25 – 18.45 C\_19 Retention of commercial strawberry aroma compounds by different starch gells**  
Janez Hribar, Lidija Domjan, Emil Zlatic, Rajko Vidrih
- 18.50 – 19.10 C\_20 Interpretation of healthy eating among the national sample of Croatian adults**  
Jasmina Ranilović, Irena Colić Barić

### **Poster Sessions**

#### **Food Engineering**

##### **P\_001**

**Apple firmness measurement in common varieties based on visco-elastic properties**

Amir Hosein Afkari Sayyah, Ali Asghari, Aliakbar Shokoohian

##### **P\_002**

**Effects of the component ratio on mixture homogeneity and its influence on the final product**

Matija Boban, Duška Ćurić, Ingrid Bauman

##### **P\_003**

**Changes of protein content and amino acid composition of grains during storage**

Daina Rubene, Silvija Strikauska, Peteris Kuka

##### **P\_004**

**Characterisation of volatile compounds of blueberry fruit by headspace–solid phase microextraction combined with gas chromatography**

Verica Dragović-Uzelac, Karin Kovačević Ganić, Danijela Bursać Kovačević, Branka Levaj, Božana Ivković

##### **P\_005**

**Influence of the cleaning protocol in the lifetime of ceramic membranes**

José E. Zapata, M. Carmen Almécija, Antonio Guadix, Emilia M. Guadix

##### **P\_006**

**Fractionation of whey proteins by cross-flow ceramic ultrafiltration**

M. Carmen Almécija, Rubén Ibáñez, Antonio Martínez-Férez, Antonio Guadix, Emilia M. Guadix

##### **P\_007**

**A mixed integer nonlinear program for protein hydrolysis with enzyme recycle**

Carlos A. Prieto, Emilia M. Guadix, Antonio Guadix

## **P\_008**

### **Flow properties of soup concentrates**

Davor Janjatović, Domagoj Matković, Ingrid Bauman

## **P\_009**

### **Expression of influence of cohesion index like a function of oil absorption of frying mixture of deep fat fried coated chicken meat**

Damir Ježek, Branko Tripalo, Mladen Brnčić, Sven Karlović, Tomislav Bosiljkov, Damir Karlović

## **P\_010**

### **Influence of various coating compositions to a textural properties of deep fried chicken**

Sven Karlović, Damir Ježek, Branko Tripalo, Mladen Brnčić, Tomislav Bosiljkov, Damir Karlović

## **P\_011**

### **Effect of moisture content on some engineering properties of chickpea seed**

M. Nikoobin, F. Mirdavardoost, M. Kashaninejad, A. Soltani

## **P\_012**

### **Effect of moisture content on some engineering properties of wheat**

F. Mirdavardoost, M. Nikoobin, M. Kashaninejad, M. Amjadian, A. Soltani

## **P\_013**

### **Effect of acidification on dough rheology and bread quality**

Daliborka Koceva Komlenić, Žaneta Ugarčić-Hardi, Marko Jukić, Irena Turk, Jožef Nač

## **P\_014**

### **The influence of sugar addition on stability of phenolics, flavonoids, anthocyanins and antioxidant activity in red grape juice**

Mirela Kopjar, Vlasta Piližota, Nela Nedić Tiban, Jurislav Babić, Đurđica Ačkar

## **P\_015**

### **Treatment of food industry wastewaters in membrane bioreactor**

Helena Korajlija Jakopović, Marin Matošić, Ivan Mijatović

## **P\_016**

### **Functional properties of ultrasound treated whey and soy proteins**

Vesna Lelas, Anet Režek Jambrak, Zoran Herceg, Suzana Rimac Brnčić

## **P\_017**

### **Productive and chemical properties of sunflower hybrids**

Ivica Liović, Rezica Sudar, Miroslav Krizmanić, Anto Mijić, Marijan Bilandžić, Zorica Jurković, Branimir Šimić, Tomislav Duvnjak

## **P\_018**

### **Comparison of mechanical properties of sound and sunn pest-damaged wheat kernels**

Mansoor Rasekh, Amir Hosein Afkari Sayyah

## **P\_019**

### **The influence of various distillation techniques on quality of mandarins distillates**

Borislav Miličević, Dragan Kovačević, Drago Šubarić, Radoslav Miličević

## **P\_020**

### **The influence of additives on rheology of wheat dough**

Pavčina Pečivová, Jan Hrabě, Vladimír Pavlínek

## **P\_021**

### **Supercritical fluids for producing cocoa butter powder**

Amra Perva-Uzunalić, Mojca Škerget, Željko Knez

## **P\_022**

### **Influence of storage on rheological properties of raspberry puree with addition of sugars, modified starches and hydrocolloids**

Andrija Pozderović, Anita Pichler, Maja Ergović

## **P\_023**

### **Heat and cold sterilization of fermented cow's and goat's whey: influence on chemical composition**

Vedran Slačanac, Jovica Hardi, Hrvoje Pavlović, Mirela Lučan, Mato Vlanić

### **P\_024**

#### **Improvement of food product properties using supercritical fluids**

Mojca Škerget, Amra Perva-Uzunalić, Željko Knez

### **P\_025**

#### **Effect of edible films on physico-chemical and microbiological qualities of fresh - cut apple**

Sara Tamjidi

### **P\_026**

#### **Tryptophan stability in hard biscuits different raw materials composition**

Petra Turčić, Dubravka Vitali, Irena Vedrina-Dragojević

### **P\_027**

#### **The EU-FRESHBAKE european project; innovation in bake off technology**

Alain Le Bail, Ruben Zuniga, Tiphaine Lucas, Marek Sikora, Cristina Rosell, Duska Curic, Thomas Park, Vladimir Yuryev, Martin Pitroff, Ingrid Vanhaesendonck, Maren Ducasse, Mariusz Koczwarra, Virna Cerne

## **Food Processing and Food Refrigeration**

### **P\_028**

#### **Influence of milk powder properties and storage conditions on fat bloom of chocolate**

Svjetlana Škrabal, Đurđica Ačkar, Jurislav Babić, Drago Šubarić, Borislav Miličević

### **P\_029**

#### **The study of the influence of frozen storage and defreezing on the prebaked bread physico-chemical indicators**

Cristina Ștefania Chelbea, Ioan Tofan

### **P\_030**

#### **Impact of freezing and cooking in fruits and vegetables carotenoids content**

M. Graça Dias; M. Filomena G.F.C.Camões; Luísa Oliveira

### **P\_031**

#### **Kinetic study of the effect of sous-vide treatment on the texture of vegetables**

Istvan Dalmadi, Csaba Balla, Katalin Polyak-Feher, Krisztina Horti

### **P\_032**

#### **Comparing quality changes in strawberry purees as induced by thermal or HHP treatments and storage**

Istvan Dalmadi, Kai Wolz, David Balazs Kantor, Katalin Polyak-Feher, Jozsef Farkas

### **P\_033**

#### **Studying postharvest processes in fruits by application of solid phase microextraction (SPME)**

Geza Hitka, Csaba Balla, Peter Fodor, Attila Gyepes

### **P\_034**

#### **Comparison of the quality of intermediate and final products of sugar beet and sugar cane processing**

Dunja Horžić, Jelena Malešević, Draženka Komes, Ksenija Vukšić Zidar, Damir Karlović

### **P\_035**

#### **The relationship between rheological properties and structural features of proteins in gluten-free dough**

Francesco Bonomi, Stefania Iametti, Mara Lucisano, Maria Ambrogina Pagani, Manuela Mariotti, Enzo Ragg

### **P\_036**

#### **Damages of the wheat kernel building materials as the cause of the technological quality loss**

Marija Šarić, Mirjana Menkovska, Irena Dušanović, Nada Hladni

### **P\_037**

#### **Investigation of frozen bakery products quality during storage**

Vesna Mihajević-Herman, Katarina Berković, Senadin Duraković, Alemka Dunaj

### **P\_038**

#### **Influence of essential onion oil on metals and non-volatile compounds during storage of canned tomato puree**

Antonela Ninčević Grassino, Zorana Grabarić, Aldo Pezzani, Giuseppe Squitieri, Francesco De Sio, Mario Impembo

### **P\_039**

#### **Effect of ultrasound treatment on particle size distribution and protein composition of soy protein isolate & concentrate suspensions**

Anet Režek Jambrak, Timothy J. Mason, Zoran Herceg, Vesna Lelas, Greta Krešić, Ivana Ljubić

### **P\_040**

#### **Bioelectrical properties of frozen rainbow trout (*Oncorhynchus mykiss*)**

Sanja Vidaček, Helga Medić, Tatjana Vnučec, Stanko Tonković, Tomislav Petrak

### **P\_041**

#### **Changing of alveographic parameters of winter wheat flour on the effect of admixtures**

Ágnes Balogh, Mária Borbély, Péter Sipos, László Kárpáti, Zoltán Győri

### **P\_042**

#### **Influence of proofing and baking time on selected properties of gluten-free bread**

Duška Ćurić, Dubravka Novotni, Domagoj Gabrić, Ombretta Polenghi, Virna Cerne, Marek Sikora

### **P\_043**

#### **Studies on desulfiting methods of dried apricots**

Narmela Asefi, Leila Rofegarinejad-Maryam Zohri

### **P\_044**

#### **Influence of wheat flour extrusion cooking on texture and colour of extruded products**

Jelena Đugum, Duška Ćurić, Marina Krvavica, Dubravka Novotni

## **Food and Health**

### **P\_045**

#### **Consumption pattern of fruit and vegetables in adult population from eastern Croatia**

Ines Banjari, Daniela Čačić Kenjerić, Milena L. Mandić

### **P\_046**

#### **Dietary calcium intake was not affected by body mass index (BMI) in women**

Ivana Ćecić, Zvonimir Šatalić, Irena Keser, Irena Colić Barić

### **P\_047**

#### **Characterization of intestinal isolates of lactic acid bacteria with potential probiotic ability from premature born nursling**

Suzana Dimitrijević, Viktor Nedovic, Biljana Bogicevic, Nada Trsic, Tanja Petrovic, Branko Bugarski, Christophe Lacroix

### **P\_048**

#### **Nutritional value of germinated wheat grains fortified with microelement selenium**

Mara Duma, Daina Karklina

### **P\_049**

#### ***Salviae officinalis* L. as a source of stilbene derivatives: influence of the extraction mode**

Ivana Generalić, Ivica Ljubenkov, Višnja Katalinić

### **P\_050**

#### **Antioxidant activity of berries, content of some polyphenols and their antioxidant activity**

Lidija Jakobek, Marijan Šeruga, Ivana Novak, Martina Medvidović-Kosanović

### **P\_051**

#### **Beverage consumption, physical activity and smoking habits in relation to body mass index among university students in Primorsko-goranska county, Croatia**

Gordana Kendel, Sandra Pavičić Žeželj, Greta Krešić, Branka Međugorac

### **P\_052**

#### **Chemical composition and nutritional value of quinoa and amaranth**

Nada Kolb, Duška Ćurić, Nina Ivičić

### **P\_053**

#### **Probiotics, oxidative stress, inflammation and diseases**

Tiiu Kullisaar, Marika Mikelsaar, Sirje Kaur, Epp Songisepp, Kersti Zilmer, Pirje Hütt, Aet Lukmann, Jaak Maaros, Jaak Kals, Mihkel Zilmer

### **P\_054**

#### **Assessment of micronutrients intake through daily meals among institutionalized elderly people from the Osijek-Baranya county**

Belita Laslavić, Maja Miškulin, Željka Petric, Dario Brdarić

### **P\_055**

#### **Iodine deficiency in salt from abroad – the possible public health problem**

Ljiljana Lazičić – Putnik, Liviana Mandallinić, Aleksandar Stojanović

### **P\_056**

#### **Diet optimization for overweight cardiovascular patients by simplex algorithm**

Antonija Perl Pirički, Damir Magdić, Marija Adam Perl, Irena Žihlavski

### **P\_057**

#### **Treatment of chronic enteropathie in dog with probiotic strain *Lactobacillus acidophilus* LA5 and *Bifidobacterium lactis* BB12**

Neda Jelena Mareković, Terezija Silvija Marenjak, Jasna Marušić, Sanja Vučinić, Jagoda Šušković

### **P\_058**

#### **Effect of benzoates from soft drinks on hyperactivity among Osijek preschool children**

Maja Miškulin, Nika Lovrinčević, Ivan Miškulin, Josip Milas, Albina Dumić

### **P\_059**

#### **Relationship between nutritional factors and functional constipation among institutionalized elderly people from the Osijek-Baranya county**

Maja Miškulin, Gabrijela Dumančić, Nada Pitlik, Josip Milas, Kristina Valek

### **P\_060**

#### **Amino acid and reducing sugar profile in potato varieties cultivated in Latvia**

Irisa Murniece, Daina Karklina

### **P\_061**

#### **The impact of dairy product consumption on diet and weight of head-start mothers**

Carol E. O'Neil, Theresa A. Nicklas, Yan Liu, Frank A. Franklin

### **P\_062**

#### **Evaluation of diet with Mediterranean diet score in relationship with body mass index among middle-aged women from north-Mediterranean area of Croatia**

Olga Cvijanović, Gordana Kendel, Sandra Pavičić Žeželj

### **P\_063**

#### **Food and nutritional care in hospital: How to prevent undernutrition by patient's perception of hospital food and dietary management**

Eva Pavić, Irena Martinis, Irena Oreč

### **P\_064**

#### **Dietary intake of macronutrients in the group of institutionalized elderly people from the Osijek-Baranya county**

Nada Pitlik, Maja Miškulin, Kristina Valek, Gabrijela Dumančić

### **P\_065**

#### **Determination of the glyceamic index and glyceamic load of selected biscuits in healthy persons**

Martina Sučić, Irena Colić Barić, Duška Ćurić

### **P\_066**

#### **ACE inhibitory peptides in fermented milk product- joghourt**

Julijana Tomovska, Nikola Hristovski, Natalija Tomovska

### **P\_067**

#### **Comparing the antimicrobial potential of some selected lactic acid bacteria over the microbiological quality of the germinated wheat flakes**

Vasilica Barbu

**P\_068**

**Extractable phenol compounds and antioxidative properties of different wheat based integral biscuits**

Dubravka Vitali, Irena Vedrina Dragojević, Blaženka Šebečić

**P\_069**

**Advances of selenium supplementation in bronchial asthma patients**

Julija Voicehovska, Grigorij Orlikov, Andrejs Skesters, Alise Silova, Jurijs Karpovs, Andrejs Ivanovs, Ieva Baidekalne, Egils Maulins, Nikolajs Voicehovskis

**P\_070**

**Level of plasma homocysteine in postmenopausal women according to age and some anthropometric parameters**

Vesna Žižić, Lea Sokolić, Irena Colić Barić, Ivana Cecić, Irena Keser, Martina Sučić, Zvonimir Šatalić

**Food and Consumer**

**P\_071**

**The role of the mothers in meat consumption of Amman's community**

Al M.H. Dahir, K.Jaffer S. Awwad

**P\_072**

**Consumer approaches to traditional food products**

Asima Begić-Akagić, Sanja Oručević, Milenko Blesić, Nermina Spaho

**P\_073**

**Consumption of supplements in elderly population in Vukovarsko-Srijemska county**

Natalija Brajković, Milena L.Mandić, Ines Banjari

**P\_074**

**Comparison of preferences to non-alcoholic beverages in adolescents and their parents**

Malgorzata Zielke, Jan Jeszka

**P\_075**

**Efficacy of nutrition education lessons targeting low income elderly**

Gabriela Viteri, Carol E. O'Neil, Pamela A. Monroe, Rebecca Ellis, Priscilla D. Allen, Katie E. Cherry, Robert H. Wood

**P\_076**

**Nourishment efficacy and nutritional status of privates in the croatian army**

Iva Perković, Ines Panjkota Krbavčić, Nina Smolej Narančić, Martina Sučić

**P\_077**

**Nutritional aspects of a military diet from Slovenia**

Marjan Simčič, Vjekoslava Stibilj, Terezija Golob, Anja Janeš

## Friday, May 16, 2008

08.00 Registration (contd) and Poster mounting: [P\\_078 - 172](#)

### Program **RAGUSA Hall**

09.00 – 10.55 Chairpersons: Jagoda Šušković, Brian McKenna, Werner Pfannhauser

09.00 – 09.35 L\_08 Vladimir MARIĆ, Jagoda Šušković, Božidar Šantek, Croatia  
**Biotechnological advances in food and drinks production**

09.40 – 10.15 L\_09 Daryl B. LUND, USA  
**Influence of “OMICS” and “OLOGIES” on food science and nutrition**

10.20 – 10.55 L\_10 Concha COLLAR, Spain  
**Prediction of quality and keepability of baked goods at early stages of the manufacturing process**

11.00 – 11.30 Break for Posters: [P\\_078 – 172](#) Exhibition and Coffee

11.30 – 13.25 Chairpersons: Vladimir Marić, Rajka Božanić, Concha Collar

11.30 – 12.05 L\_11 Brian McKENNA, Ireland  
**Developments in functional foods**

12.10 – 12.45 L\_12 Marcella Gross, Austria  
**MONIQA – A new EU-project towards the harmonization of analytical methods for monitoring food quality and safety in the food supply chain**

12.50 – 13.25 L\_13 Roland VERHÉ, Tom Verleyen, Vera Van Hoed, Wim De Greyt, Belgium,  
**Influence of refining of vegetable oil on minor components**

### Program **ORLANDO Hall**

09.00 – 10.00 Moderator: Viktor Nedović

09.00 – 09.20 ETP Roger Fenwick  
**ETP-Food for Life**

09.25 – 09.45 IIR Susan Phalippou  
**IIR-presentation**

11.00 – 11.30 Break for Posters: [P\\_078 – 172](#) Exhibition and Coffee

11.30 – 13.30 Moderator: Jelena Đugum

11.30 – 11.45 S\_01 Company 1

11.50 – 12.05 S\_02 Company 2

12.10 – 12.25 S\_03 Company 3

12.30 – 12.45 S\_04 Company 4

12.50 – 13.05 S\_05 Company 5

13.10 – 13.20 S\_06 Company 6

13.30 – 14.30 Lunch

**Program**      **RAGUSA Hall**

**14.30 – 16.55**    **Chairpersons: Nada Vahčić, Mirza Hadžiosmanović, Daryl B. Lund**

**Session 5: Food Quality and Safety**

- 14.30 – 14.50**    **C\_21 Safety food legislation in Europe**  
Aneta Karakaš
- 14.55 – 15.15**    **C\_22 Contamination of fresh produce with human pathogens sources and solutions**  
Gerald M. Sapers
- 15.20 – 15.40**    **C\_23 Use of rosemary extract in beef steaks with modified atmosphere package to avoid lipid and colour oxidation**  
Teresa Silva, Susana Velasco
- 15.45 – 16.05**    **C\_24 Integrated quality and food safety management system**  
Nera Tomić
- 16.10 – 16.30**    **C\_25 Risk assessment-aspartame**  
Vedran Poljak, Martina Jurković, Danijela Petrović
- 16.35 – 16.55**    **C\_26 Immobilized antimicrobial proteins as a tool for food protection**  
Mauro Marengo, Stefania Iametti, Francesco Bonomi, Luciano Piergiovanni, Valentina Trinetta, Erika Mascheroni
- 17.00 – 17.30**    **Break for Posters: P\_078 – 172 Exhibition and Coffee**

**17.30 – 19.30**    **Chairpersons: Dane Bičanić, Francesco Bonomi, Višnja Katalinić**

**Session 6: Modern Methods in Food Analyses**

- 17.30 – 17.50**    **C\_27 Validation of ICP-OES method for wine macro and micro elements determination**  
Renata Bukovčan, Veronika Kubanović, Ljiljana Gašparec-Skočić, Mara Banović
- 17.55 – 18.15**    **C\_28 Detection of beta carotene in the spiked white corn flour: Intercomparison of several methods**  
Dane Bičanić, Ruud Spruyt, Otto Doka, Evtim Efremov, Rob Koehorst, Gordon Miller, Andrzej Krzton, Matija Boban, Željko Kurtanjek, Henk Jalink, Rob van der Schoor, Jos Oomens, Stefan Persijn, Jeremy Harbinson, Irena Colić-Barić, Stojan Rendevski
- 18.20 – 18.40**    **C\_29 Environmental stress modulates “in vitro” virulence properties of *Campylobacter jejuni* food isolate**  
Maja Šikić-Pogačar, Anja Klančnik, Roberta Rubeša Mihaljević, Gordana Brumini, Maja Abram and Sonja Smole Možina
- 18.45 – 19.05**    **C\_30 Antioxidants properties of foods characterized by EPR spectroscopy**  
Andrej Staško, Vlasta Brezová
- 19.10 – 19.30**    **C\_31 Analysis of photoacoustic signal from cassava flour**  
Matija Boban, Ingrid Bauman, Dane Bičanić

**Program**      **ORLANDO Hall**

**14.30 – 16.30**      **Chairpersons: Djuro Josić, Daslav Hranueli, Božidar Šantek**

**Session 7: Food Biotechnology**

**14.30 – 14.50**      **C\_32**      **Application of proteomics in food technology and biotechnology**  
Djuro Josić

**14.55 – 15.15**      **C\_33**      ***In silico* generation of novel polyketides for the use in agro-industry**  
John Cullum, Antonio Starčević, Jurica Žučko, Nives Skunca, Damir Kovaček, Daslav Hranueli

**15.20 – 15.40**      **C\_34**      **Increased resistance of *Listeria monocytogenes*, *Escherichia coli* O157:H7 and *Campylobacter jejuni* after exposure to repetitive cycles of mild bactericidal treatments**  
Andreja Rajković, Helga Medić, Nada Smigić, Frank Devlieghere

**15.45 – 16.05**      **C\_35**      **Implementation of bacteriocin-producing culture *Lactobacillus sakei* and bacteriocin mesenterocin Y in the production of fermented sausages**  
Nevijo Zdolec, Mirza Hadžiosmanović, Lidija Kozačinski, Željka Cvrtila, Ivana Filipović

**16.10 – 16.30**      **C\_36**      **Semi-automatic genome scanning of bacteria to identify promising secondary metabolite biosynthesis clusters for agro-biological exploitation**  
Daslav Hranueli, Antonio Starčević, Jurica Žučko, Janko Diminić, Vedran Željeznak, John Cullum

**16.30 – 17.00**      **Break for Posters: P\_078 – 172 Exhibition and Coffee**

**17.05 – 18.15**      **Chairpersons: Frane Delaš, Ševal Muminović, Lidija Kozačinski**

**Session 8: Sustainable Food Production, Food Chain Management, Communication, Training and Technology Transfer**

**17.05 – 17.25**      **C\_37**      **Certain standard parameters of sage (*Salvia officinalis* L.) honey quality deriving from Kvarner bay coastal area and islands**  
Dražen Lušić, Maja Knapić, Olivera Koprivnjak, Anna Gloria Sabatini, Duška Ćurić, Nada Vahčić

**17.30 – 17.50**      **C\_38**      **The effect of the energy level in diet on yield and quality of lamb meat**  
Dragana Ružić-Muslić, Milan P. Petrović, Slavko Josipović, Zorica Nešić

**17.55 – 18.15**      **C\_39**      **Extraction and physicochemical properties of Barijeh (*Ferula galbaniflua*) gum**  
Jafar Milani, Zahra Emam-Djomeh, Babak Ghanbarzadeh

**18.30 - 19.30**      **Workshop:**  
**Moderator: Huub Lelieveld**  
**“Global Harmonization Initiative – GHI”**  
<http://www.globalharmonization.org/>

**20.00**      **Congress Banquet**

## Poster Sessions

### Food Quality and Safety

**P\_078**

**Aroma compounds of Marasca cherry wine**

Mara Banović, Renata Pintarić, Draženka Komes, Karin Kovačević Ganić

**P\_079**

**Investigation on the content of some metals and Ochratoxin A in Bulgarian beers**

Valentin Batchvarov, Gabriela Marinova

**P\_080**

**The influence of packaging materials on rapeseed, hemp and linseed oils quality**

Aldona Bluka, Ilze Čakste, Māra Kūka

**P\_081**

**Solid-liquid extraction of total polyphenols and proanthocyanidins from solid residue of grape seed after supercritical fluid extraction of oils**

Ana Bucić-Kojić, Mirela Planinić, Srećko Tomas, Mate Bilić, Darko Velić, Željko Knez, Mojca Škerget

**P\_082**

**Sensory and quality analysis of red Croatian wine Babić**

Irena Budić-Leto, Goran Zdunić, Jasenka Gajdoš Kljusurić, Ivan Pezo, Tomislav Lovrić

**P\_083**

**Sensory characteristics of honey from the area of Kakanj community**

Alma Burazerović, Ahmed Smajić, Amila Šajković, Almir Toroman, Amir Ganić

**P\_084**

**Determining omega-3 and omega-6 fatty acids in products based on vegetable oils and fats**

Branka Butković, Zvonimir Ladešić, Neda Pavkov

**P\_085**

**Identification of *Lactobacillus* spp. from fermented sausages by PCR method**

Željka Cvrtila, Mirza Hadžiosmanović, Vladimir Savić, Lidija Kozačinski, Nevijo Zdolec, Ivana Filipović

**P\_086**

**Indicators of microbiological and chemical accuracy in fruit and vegetables and their products**

Katja Čurin, Jadranka Marušić, Sanja Čulin

**P\_087**

**The effect of fungal competition on colonization of maize grain by *Aspergillus flavus*, *Trichothecium roseum* and *Fusarium* sp. and on aflatoxin B<sub>1</sub> and total aflatoxins accumulation**

Lejla Duraković, Andrea Skelin

**P\_088**

**Evaluation of toxicity and genotoxicity of natural mineral, spring and tap water samples**

Metka Filipič, Lea Žbontar Zver, Majda Bagar Povše, Jana Petković, Bojana Žegura

**P\_089**

**Microbiological cleanliness of foodservices in nurseries, schools and small food premises of Osijek Baranya county in corelation with the necessity of HACCP system implementation**

Andrea Gross – Bošković, Danijela Petrović, Mirela Šimović, Mira Kovačević, Ana Palijan

**P\_090**

**Effects of food aditives on coissant sensory quality improvement**

Slavica Grujic, Bozana Odzakovic, Midhat Jasic

**P\_091**

**Standardization in the field of food and feed**

Tea Havranek

**P\_092**

**Enzyme activity of Slovenian honey**

Mojca Jamnik, Jasna Bertoncelj, Urška Golob, Urška Doberšek, Terezija Golob

**P\_093**

**The effect of packaging materials and technologies to the storage time of fresh strawberries**

Solvita Kampuse, Sandra Muizniece-Brasava, Lija Dukalska, Irsa Murniece

**P\_094**

**Food allergens – determination and labelling**

Sanja Katalenić

**P\_095**

**Implementation of the food safety management according to ISO 22000:2005 in Menprom, meat company in Tuzla, B&H**

Husejin Keran, Merima Dzevdetbegovic, Nihada Ahmetovic, Alija Sehovic

**P\_096**

**Micronutrients in meat**

Janina Kivite, Daina Karklina

**P\_097**

**Thermal stress response in *Campylobacter jejuni* food isolate**

Anja Klančnik, Nadine Botteldoorn, Lieve Herman, Sonja Smole Možina

**P\_098**

**Detection *inv-A* gene: Definitive confirmation *Salmonella* spp.**

Neda Knežević-Jonjić, Ljiljana Glagolić, Ivančica Kovaček, Darija Fatović, Biserka Matica, Dinko Puntarić, Jasna Bošnjir

**P\_099**

**Effect of added phospholipids on volatile compounds of virgin olive oils**

Olivera Koprivnjak, Dubravka Škevin, Giuseppe Procida, Željko Mokrovčak

**P\_100**

**Influence of fermentation conditions on the quality of cherry wine**

Mara Banović, Irena Pintarić, Draženka Komes, Leo Gracin, Karin Kovačević Ganić

**P\_101**

**Determination of solid fat content (SFC) of binary fat blends and use of these data to predict SFC of selected ternary fat blends containing palm oil, palm stearin and soybean oil**

Zvonimir Ladešić, Sanjin Weihnacht

**P\_102**

**Mineral content of sage honey (*Salvia officinalis* L.) deriving from north west Croatia**

Dražen Lušić, Silvia Sponza, Olivera Koprivnjak, Anna Gloria Sabatini, Claudia Messner

**P\_103**

**Furfural content in tomatoes and tomato products**

Ksenija Marković, Marina Krpan, Goran Šarić, Mirjana Hruškar, Nada Vahčić

**P\_104**

**Physicochemical quality and antioxidant capacity of sea buckthorn oil treated with accelerated electron beam**

Radu Minea, Monica R. Nemptanu, Elena Mazilu

**P\_105**

**Sanitary and dietary aspects of nutrition control in public kitchen**

Maja Nikolić, Andjelka Svetozarević- Nikolić, Ljiljana Krivokapić

**P\_106**

**Prevalence of *Campylobacter* sp. in raw meat in Osijek – Baranja county butcher's shops**

Palijan Ana, Kovačević Mira, Šimović Mirela

**P\_107**

**Strategies to control *Fusaria* to reduce toxin contaminations in durum wheat**

Annamaria Pisi, Stefano Tonti, Antonio Prodi, Paola Nipoti, Ilaria Alberti, Davide Pancaldi

**P\_108**

**Food supplements and fortified food EU - Croatia**

Lea Pollak, Jadranka Balenović

## **P\_109**

### **Comparison of the Croatian and Macedonian honeydew honey**

Ljiljana Primorac, Boris Angelkov, Milena L. Mandić, Daniela Kenjeric, Antonija Perl Pirički, Ivana Flanjak, Martina Nedeljko, Mila Arapceska

## **P\_110**

### **Antioxidant capacity and total polyphenols of different OO-rapeseed cultivars**

Ivana Radojčić Redovniković, Brigita Vdović, Silvia Bosnar, Marija Robić, Karmela Delonga, Jasna Vorkapić-Furač

## **P\_111**

### **The effect of processing on the content of dietary fibre in chestnuts**

Mariana Santos, Tânia Fontes, Carla Mota, Ana P. Silva, Helena S. Costa

## **P\_112**

### **Prevalence and mechanisms of antibiotic resistance of *Campylobacter* spp. from food, environmental and clinical sources**

Sonja Smole Možina, Marija Kurinčić, Ana Kramar, Katja Zelenik, Mojca Lušicky, Selma Uzunović-Kamberović

## **P\_113**

### **Furfural content in the distillates of prune and dried pear**

Nermína Spaho, Milenko Blesić, Asima Begić-Akagić, Sanja Oručević, Alen Pjano, Haso Ferizović

## **P\_114**

### **Triacylglycerol composition of plant oils**

Rezica Sudar, Zorica Jurković, Marija Vratarić, Ivan Brkić, Miroslav Krizmanić, Luka Andrić, Ivica Liović

## **P\_115**

### **Breeding soybean for improved oil quantity and quality**

Aleksandra Sudarić, Marija Vratarić, Rezica Sudar, Tomislav Duvnjak, Zorica Jurković

## **P\_116**

### **The influence of storage conditions on the properties of virgin olive oil with the addition of rosemary**

Dubravka Škevin, Sandra Neđeral, Klara Kraljić, Sandra Petričević, Desanka Rade

## **P\_117**

### **Food safety systems through the HACCP system in catering**

Natalija Uršulin-Trstenjak, Nada Vahčić, Saša Šušnić

## **P\_118**

### **Methods for prevention of anisakiasis and their impact on the muscular tissue of infested fish**

Sanja Vidacek, Cristina de las Heras, Margarita Tejada

## **P\_119**

### **Quality, fatty acid and triglyceride profile of Dalmatian virgin olive oils**

Mirella Žanetić, Dubravka Štrucelj, Slavko Perica, Desanka Rade

## **P\_120**

### **Determination of mass content of proline and invertase activity in different honey samples**

Mia Kurek, Mirjana Hruškar, Kata Galić

## **Modern Methods in Food Analyses**

## **P\_121**

### **Rapid quantification of specific carotenoid pigments in puree of mango and in products derived from thermally processed tomatoes by the Xe-lamp based photoacoustic spectroscopy**

Doka Otto, Bicanic Dane, van Rooij Hans, van Twisk Charlotte, Luterotti Svjetlana, Markovic Ksenija

### **P\_122**

**Determination of L-ascorbic acid in natural samples and dietary products by flow-injection analysis (FIA)**

Nenad Bratković, Željka Filipović Kovačević, Miroslav Mikšaj, Ivan Kruhac

### **P\_123**

**Rapid measurement of synthetic dyes in food products**

Marina Palčić, Snježana Gačić, Zorana Grabarić, Božidar S. Grabarić

### **P\_124**

**Validation and estimation of measurement uncertainty of the method for determination of artificial sweeteners in soft drinks by HPLC method**

Gordana Horvat, Snježana Marinčić, Jasna Bošnjir

### **P\_125**

**Applications of electronic tongues in determination of honey origins**

Mirjana Hruškar, Marina Krpan, Ksenija Marković, Goran Šarić, Nikola Major, Nada Vahčić

### **P\_126**

**Comparison of reference and rapid methods in wine analysis**

Maja Majurđžić, Veronika Kubanović, Mara Banović, Renata Bukovčan

### **P\_127**

**Spectrofluorometric detection of changes in milk as a result of heat or HHP treatment**

Klara Pasztor-Huszar, Thomas Strixner, Kinga Horvath

### **P\_128**

**Identification and quantification of phenolic compounds of sour cherries cv. Marasca (*Prunus Cerasus Marasca*) and their changes during freezing storage**

Sandra Pedisić, Verica Dragović-Uzelac, Branka Levaj, Dubravka Škevin

### **P\_129**

**Analytical criteria for purity evaluation of virgin olive oil – application of validation and measurement uncertainty for determination of stigmastadienes in vegetable oils**

Sandra Petričević, Tanja Bogdanović

### **P\_130**

**Comparison of two atomic absorption spectrometry methods for mercury determination in dietary products**

Jasenka Šabarić, Snježana Marinčić, Zdenko Šmit, Dinko Puntarić

### **P\_131**

**Inorganic trace- and ultratrace analysis of teas by atomic spectrometry**

Michaela Zeiner, Iva Rezić, Ilse Steffan

## **Food Biotechnology**

### **P\_132**

**Moderate growth advantage in stationary phase (GASP) phenomenon of enterobacteria over *Lactobacillus brevis* L 62 in mixed cultures**

Višnja Bačun-Družina, Jasna Mrvčić, Marina Filipčić, Vesna Stehlik-Tomas

### **P\_133**

**Influence of the temperature and glucose addition on growth and survival of BCT culture in soymilk**

Rajka Božanić, Galja Pletikapić, Sandy Lovković

### **P\_134**

**Aging of beef with the application of active ultrasound**

Csilla Ven, Laszlo Friedrich, Csaba Balla, Eliza Ittes, Krisztina Toth

### **P\_135**

**Biotests as the basis for technology selection for processing city and industrial waste water**

Čačić Ljiljana, Šoljan Vice, Glancer-Šoljan Margareta, Landeka-Dragičević Tibela, Kezerle Antonija

### **P\_136**

#### **Resistance of *Bifidobacterium* sp. isolated from Iranian subjects to simulated gastric juice and bile salt**

Morteza Khomeiri, Hamid Bahador Ghoddusi, Ali Mortazavi

### **P\_137**

#### **Removal of nitrogen compounds from wastewater from city of Virovitica using mixed bacterial culture**

Aleksandar Dostal, Vice Šoljan, Margareta Glancer-Šoljan, Tibela Landeka Dragičević

### **P\_138**

#### **The use of *Lactobacillus plantarum* L4 for the production of probiotic drink with cabbage juice**

Andreja Leboš, Ksenija Habjanič, Blaženka Kos, Jadranka Frece, Jasna Beganović, Jagoda Šušković

### **P\_139**

#### **Brewing by immobilized freeze dried cells in a novel gas flow bioreactor**

Verica Manojlović, Nikos Agouridis, Nikos Kopsahelis, Maria Kanellaki, Branko Bugarski, Viktor Nedovic

### **P\_140**

#### **Investigation on the gushing potential of malts and beers**

Gabriela Marinova, Valentin Batchvarov

### **P\_141**

#### **Lactulose as a promoter of growth and activity of probiotic bacteria in reconstituted sweet whey**

Bojan Matijević, Rajka Božanić, Ljubica Tratnik

### **P\_142**

#### **Bioethanol production from corn meal hydrolyzates by immobilized *Saccharomyces cerevisiae* var. *ellipsoideus***

Ljiljana Mojević, Viktor Nedović, Marica Rakin, Svetlana Nikolić, Steva Lević

### **P\_143**

#### **Enrichment of lactic acid bacteria (LAB) with Zn<sup>2+</sup>**

Jasna Mrvčić, Vesna Stehlik-Tomas, Damir Stanzer, Ivana Vuksan, Slobodan Grba

### **P\_144**

#### **Biochemical and biological characterization of human granzyme k, a potent cytotoxic cells serine protease**

Marijana Ručević, Loren D. Fast, Yow-Pin Lim

### **P\_145**

#### **Resuscitation and growth of *Escherichia coli* O157:H7 and *Listeria monocytogenes* in suboptimal conditions after mild inactivation**

Nada Smigic, Andreja Rajkovic, Helga Medic, Nancy Van Houteghem, Frank Devlieghere

### **P\_146**

#### ***In silico* recombination using the avermectin gene-cluster for the development of novel antiparasitics**

Antonio Starcevic, Mouhsine Elbekali, Daslav Hranueli, John Cullum

### **P\_147**

#### **Cultivation of bacterium *Azotobacter chroococcum* for biofertilizers preparation**

Damir Oros, Mladen Pavlečić, Božidar Šantek, Vladimir Marić

### **P\_148**

#### **Computer program for the prediction of linear and cyclic polyketide structures**

Nives Skunca, Dobrica Pavlinusic, John Cullum, Daslav Hranueli

### **P\_149**

#### **Functional chocolate with prebiotic and probiotic**

Marija Carić, Nuša Kanižaj, Dijana Kujundžić, Sunčica Papeša, Blaženka Kos, Jagoda Šušković

### **P\_150**

#### **Prediction of compounds of potential agricultural interest from DNA sequences using the ClustScan program**

Jurica Zucko, John Cullum, Daslav Hranueli

### **P\_151**

#### **New immobilization technique of cell entrapment applied for ethanol production**

Elena Velickova, Slobodanka Kuzmanova, Eleonora Winkelhausen, Maja Cvetkovska, Christo Tsvetanov

## **Sustainable Food Production, Food Chain Management, Communication, Training and Technology Transfer**

### **P\_152**

#### **Determination of aflatoxin contamination and *Aspergillus flavus* infection of groundnuts from northern provinces of Iran**

Morteza Khomeiri, Yahya Maghsoudlow, Farid Waliyar, P. Lava Kumar

### **P\_153**

#### **Productive characteristics of triticale under the conditions of Bosnia and Herzegovina**

Ševal Muminović, Mirha Đikić, Drena Gadžo, Duška Čurić, Ingrid Bauman

### **P\_154**

#### **Analysis of organic manure and mineral fertilizer influence on chemical composition of carrot**

M. Veladzic, H. Makic, Suzana Jahic

## **Bioactive Components in Food**

### **P\_155**

#### **The effect of cultivar and cultivation on antioxidant activity in fresh and processed strawberries**

Danijela Bursać Kovačević, Branka Levaj, Verica Dragović-Uzelac

### **P\_156**

#### **Antifungal activity of coumarin**

Frane Delaš, Senadin Duraković, Iva Ana Sviben, Sunčica Martinko, Ksenija Markov, Lejla Duraković, Domagoj Čvek

### **P\_157**

#### **Influence of maceration time (skin contact) on resveratrol concentration during wine fermentation**

Višnja Katalinić, Ivica Ljubenkov, Ivana Generalić

### **P\_158**

#### **Phenolic compounds in mandarin jams**

Branka Levaj, Danijela Bursać Kovačević, Verica Dragović-Uzelac, Nina Pilić, Ivana Norac-Kljajo

### **P\_159**

#### **Beer as base for drinks with farmacodynamic action**

Ida Leskosek-Cukalovic, Slavica Jelacic, Milan Ristic, Sofija Djordjevic, Sasa Despotovic, Viktor Nedovic

### **P\_160**

#### **Compositional analysis of white tea**

Dunja Horžić, Draženka Komes, Ana Belščak, Karin Kovačević Ganić, Damir Karlović

## **Last Minute Abstracts**

### **P\_161**

#### **Pathogen combat - Combating pathogens to control disease**

Susanne Braun

### **P\_162**

#### **Analysis of phytosterols, phytostanols and their conjugates in plant sterol-enriched foods**

Zdenka Cencič Kodba, Darinka Brodnjak Vončina

**P\_163**

**Quantitative analysis of betulinic acid in different *Lamiaceae* herbs using GC-MS and studies on its fragmentation pattern**

Maša Islamčević Razboršek, Darinka Brodnjak Vončina, Ernest Vončina

**P\_164**

**Loss of oxidoreductase activities during ageing of wheat seeds**

Ivica Strelec, Žaneta Ugarčić-Hardi, Vladimir Mrša

**P\_165**

**Galacturonic acid recovery from agro-wastes by electro dialysis**

Eszter Molnár, Nándor Nemestóthy, Katalin Bélafi-Bakó

**P\_166**

**The protective effects of *Capsosiphon fulvescens* and *Hizikia fusiformis* on colon cancer in azoxymethane-treated rats**

Yoo Kyeong Kim, Young Sook Son, Kyu Shik Jeong

**P\_167**

**The development of healthful snack bars with sea products**

Yoo Kyeong Kim, Bok-Hee Kang, Myeongwha Cha, Jin-Man Lee

**P\_168**

**Developments of contents and materials for the education and the advertisement for lowering intakes of trans fatty acids, sugar and sodium**

Yoo kyeong Kim, Myeongwha Cha, Kyoung-Ae Lee, Kyoung Hae Lee, Sung Sook Lee

**P\_169**

**Preparation, standardization and sensory evaluation of soymilk and soymilk-based product under laboratory conditions**

Vildana Alibabić, Ibrahim Mujić, Zlatan Sarić, Mejra Bektašević

**P\_170**

**Study of some Romanian fruits varieties behaviour as processed by refrigeration technologies**

Mihaela Ghidurus, Mira Turtoi, Mona Popa, Petru Niculita, Amalia Mitelut, Mihaela Geicu

**P\_171**

**Study of some Romanian vegetables varieties behaviour as processed by refrigeration technologies**

Mira Turtoi, Mihaela Ghidurus, Mona Popa, Petru Niculita, Amalia Mitelut, Mihaela Geicu

**P\_172**

**Case study regarding the food safety on berries refrigeration process**

Amalia Mitelut, Mihaela Ghidurus, Mira Turtoi, Mona Popa, Petru Niculita, Mihaela Geicu, Mihaela Draghici

## Saturday, May 17, 2008

08.00 Registration (contd)

Program **RAGUSA Hall**

09.00 – 10.55 Chairpersons: **Gerald M. Sapers, Kata Galić, Carmen-Eugenia Costea**

09.00 – 09.35 L\_14 Werner PFANNHAUSER, Austria

**Food supplements of plant origin: healthy or dangerous?**

09.40 – 10.15 L\_15 Peter Raspor, Mojca Jevšnik, Slovenia

**How much contribute food and nutrition to good life practice**

10.20 – 10.55 L\_16 Roger FENWICK, UK

**The next generation of European food scientists: good communicators, flexible and aware of the opportunities of innovation**

11.00 – 11.30 Break for Posters: **P\_078 – 172** Exhibition and Coffee

11.30 – 13.05 Chairpersons: **Roger Fenwick, Branka Levaj, Ines Panjkota- Krbavčić**

### Session 9: **Bioactive Components in Food**

11.30 – 11.50 C\_40 **Polyphenolics and antioxidative activities in sour cherry juice and juice concentrates**

Branka Levaj, Verica Dragović-Uzelac, Danijela Bursać Kovačević, Zrinka Čosić

11.55 – 12.15 C\_41 **Antioxidant potential of natural carotenoids against the oxidative destabilization of protein-based oil-in water emulsions**

Sotirios Kiokias, Charikleia Dimakou, Vassiliki Oreopoulou

12.20 – 12.40 C\_42 **Mushroom bioactive substances for food industry**

Mark Shamtsyan, Vera Spiridonova, Tatyana Dmitriyeva, Alexandr Popov, Nikolay Petrishev, Nina Denisova

12.45 – 13.05 C\_43 **Nutritive value, phenolic composition and antioxidant properties of small berry fruits from Vranica mountain (Bosnia and Herzegovina)**

Ivana Šormaz, Ivica Ljubenković, Ivana Generalić, Mato Jukić, Višnja Katalinić

13.10 – 14.00 **Poster awards  
2010 CEFood Congress organization  
Congress Close**

14.00 – 15.00 Lunch

16.00 EXCURSION