

Nutri-Food Chemistry 2018

Exploring New Dimensions in Nutrition and Food Science

September 13-15, 2018
London, UK

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Nutrition and Food Chemistry 2018

PROGRAM AT A GLANCE

SCHEDULE

09:00-09:30

REGISTRATION

09:30-12:30

KEYNOTE

12:30-14:30

LUNCH

14:30-16:30

WORKSHOPS

16:30-17:30

SESSION TALKS

17:30-18:30

NETWORKING



DATE: Sep 13-15, 2018

LONDON, UK

UK: Conference Series llc LTD warmly respects each one of the individuals and supporters from worldwide to attend “17th World Congress on Nutrition and Food Chemistry September 13-15, 2018 London, UK. This Nutrition gathering point overwhelmingly emphasis on “Exploring New Dimensions in Nutrition and Food”

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KEY SESSIONS

- Nutrition and Food Science
- Nutrition and Health
- Paediatric Nutrition
- Clinical Nutrition
- Plant nutrition and Nutraceuticals
- Livestock Nutrition
- Vitamins, Minerals and Enzymes
- Organic and Natural Foods
- Food Additives
- Food borne Diseases
- Probiotic Nutrition
- Genetically Modified Organisms
- Nutrition and Cancer
- Nutrigenomics
- Current Research in Nutrition and Dietetics
- Diet in Obesity and Underweight









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Nutrition and Food Chemistry

GLIMPSES



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LONDON



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Scientific Program

JOINT EVENT

13TH EURO OBESITY AND ENDOCRINOLOGY CONGRESS

&

16th World Congress on

NUTRITION AND FOOD CHEMISTRY

September 18-20, 2017 Zurich, Switzerland



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Day 1 September 18, 2017

Registrations

Berlin

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Opening Ceremony

Keynote Forum

Introduction

Title: Management of diabetes in morbidly obese patients with bariatric surgery

Muhammad A Jawad, Orlando Regional Medical Center, USA

Title: Rethinking the cardio risk paradigm

Robert Buist, BioCeuticals, Australia

Networking & Refreshment Break

Title: Exercise and nutritional supplementation on community-dwelling elderly Japanese women with sarcopenic obesity

Hunkyung Kim, Tokyo Metropolitan Institute of Gerontology, Japan

Title: Obesity leads to iron retention in the duodenum of mice likely due to increased production of adipose-derived *hepcidin*

Shougang Wei, Capital Medical University, China

Sessions: Food, Nutrition and Health | Vitamins, Minerals and Enzymes | Nutritional Epidemiology | Pediatric Nutrition | Obesity Treatment

Session Chair: Muhammad A Jawad, Orlando Regional Medical Center, USA

Session Co-chair: Hunkyung Kim, Tokyo Metropolitan Institute of Gerontology, Japan

Session Introduction

Title: Iodine intake and health: the more, the better

Lina Zhao, Sun Yat-Sen University, China

Group photo

Lunch Break

Title: Anticholinesterase, cognition-enhancing, anti-diabetic and antimicrobial effects of wild bilberry (*Vaccinium myrtillus* L.) fruit

Dominik Szwajgier, University of Life Sciences in Lublin, Poland

Title: The epidemiology of dietary patterns in the NESCAV study

Nicolas Sauvageot, Luxembourg Institute of Health, Luxembourg

Title: Necrotizing Enterocolitis in a preterm infant newborn & role of feeding …. an update ! (Clinical case presentation)

Amr Ismael M Hawal, Enjab Hospital, UAE

Title: A revolutionary quality indicator platform for CO_2, NH_3 and H_2S

Isabel M Perez de Vargas Sansalvador, University of Granada, Spain

Title: Culture, food communication and school nutrition policies: a portfolio for improving youth dietary patterns - case of Beirut city

Sima Hamadeh, Haigazian University, Lebanon

Title: Study showing results of non-invasive obesity treatments

Sheetal Kakade, University of Mumbai, India

Title: *Muntingia calabura* fruits - antioxidant and health benefits

Preethi Kathirvel, Bharathiar University, India

Panel Discussion

Networking & Refreshment Break

Day 2 September 19, 2017

Keynote Forum

Title: An examination of identifiable risk factors and health outcomes associated with obesity rates in children and adults
Damien Byas, Center for Healthcare and Organizational Research, USA
Title: Dietary lignans and postmenopausal breast cancer risk by oestrogen receptor status: a prospective cohort study of Swedish women
Reiko Suzuki, Tokyo Healthcare University, Japan

Networking and Refreshments Break

Title: Korean diet (K-diet): Characteristics and historical background
Dae Young Kwon, Korea Food Research Institute, South Korea
Title: Extraction and bioactivities of Thai basil (*Ocimum basilicum* L)
Anant Oonsivilai, Suranaree University of Technology, Thailand

Sessions: Diabetes & Obesity | Childhod Obesity and Effects | Vitamins, Minerals and Enzymes | Metabolic disorders and Diabetes mellitus | Food Additives

Session Chair: Dae Young Kwon, Korea Food Research Institute, Korea
Session Co-Chair: Lina Zhao, Sun Yat-Sen University, China

Session Introduction

Title: Metabolic outcomes of bariatric surgery in obesity management: Indian perspective
Vikas Ahluwalia, Max Super Speciality Hospital, India

Lunch Break

Title: Plasma levels of bone health-related minerals (calcium, phosphorus, magnesium and aluminum) in patients with fractures in Taiwan
Pinchun Yang, Fu Jen Catholic University, Taiwan
Title: The non-pathogenic *Listeria innocua* as a good surrogate of the pathogenic *L. monocytogenes* in field experiments aiming to clarify persistent cheese dairy's colonization
Luisa Brito, University of Lisbon, Portugal
Title: Extraction, phytochemical profile and bioaccessibility of *Echinocactus grusonii*
Ratchadaporn Oonsivilai, Suranaree University of Technology, Thailand
Title: Effect of sesame oil on liver enzymes and lipid profile in rats exposed to oxidative stress induced by monosodium glutamate
Amani A Alrasheedi, King Abdulaziz University, Saudi Arabia

Networking and Refreshments Break

Title: Lactic Acid Bacteria is an evergreen beckoning of probiotic:A special emphasis on *Lactobacillus plantarum*
Keerthi Thalakattil Raghavan, Mahatma Gandhi University, India

Young Researchers Forum

Title: Marked increase in the prevalence of overweight in children and adolescents in the Seychelles between 1998 and 2016, but BMI did not increase in nearly half of the population
Rim Aly, University of Manchester, United Kingdom
Title: Centrally acting nesfatin-1 induces non-shivering thermogenesis in Brown Adipose Tissue (BAT) via the melanocortin pathway
Luka Levata, Center of Brain, Behavior and Metabolism (CBBM), Germany

Poster Presentation 17:25- 17:40 @ Europa Foyer

Title: Membrane interactivity shared by functional food components: One of mechanisms for diverse effects of flavonoids, terpenoids and alkaloids
Hironori Tsuchiya, Asahi University School of Dentistry, Japan
Title: Dietary problems in adolescents and young adults with cancer in Japan
Reiko Suzuki, Tokyo Healthcare University, Japan
Title: Studies on analytical method development of silymarin for the Health Functional Food Code revision in Korea
Jin Hee Lee, Ministry of Food and Drug Safety, Republic of Korea
Title: Effect of pH values and inoculation amounts for α-glucosidase inhibitory activity in mulberry leaves' fermentation
Yong-Soon Kim, Rural Development Administration, South Korea
Title: Physiochemical quality of low salted soybean paste made with different Koji by adding Aspergillus oryzae KACC 46471
Yong Sik Cho, Rural Development Administration, South Korea
Title: Determination of β-carotene in infant formula by HPLC
Kyung Mi Hwang, National Institute of Food and Drug Safety Evaluation, Korea

Panel Discussion

Day 3 September 20, 2017

Berlin

Session: Diabetes & Obesity | Childhod Obesity and Effects | Vitamins, Minerals and Enzymes | Metabolic disorders and Diabetes mellitus | Food Additives

Title: Obesity and metabolic risk indices among women small holder farmers living in Durban-Marianhill, South Africa
Xolile Mkhize, Mangosuthu University of Technology, South Africa
Title: Super food, finger millet (*Eleusine coracana* L.) a source to nutritional security: A review for its potential to value addition and process waste utilization
Aditya Lal, Sam Higginbottom Institute of Agriculture, Technology and Sciences, India
Title: Interference of different hemoglobin variants on the HbA1c results obtained from HPLC method, a major problem in proper assessment of glycemic status among the individuals with diabetes mellitus
Susruta Sen, Calcutta Medical Research Institute, India

Networking and Refreshments Break

Title: Hyperglycemia combined hyperlipidemia, a critical factor influences increased production of advanced glycation and lipoxidation end products, and thus worsens the pathology of diabetic microvascular disease
Subhadip Choudhuri, GD Hospital and Diabetes Institute, India
Title: Amino acid profiles and digestible indispensable amino acid scores of proteins from the selected prioritized key foods in Bangladesh
Nazma Shaheen, University of Dhaka, Bangladesh

Awards & Closing Ceremony

Lunch Break & posters

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Scientific Program

5th European Nutrition and Dietetics Conference

June 16-18, 2016 Berlin, Germany



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Introduction

Title: Learning the recognition of Initial Hunger (IH)

Mario Ciampolini, University of Florence, Italy

Title: Diet and cancer: Can superfoods or dietary supplements help?

Martyn Caplin, Royal Free Hospital, UK

Title: Nutrition programs: Solution to or cause of obesity

Eileen Kennedy, Tufts University, USA

Title: Development of integrated support software for clinical nutrition
Pedro Javier Siquier Homar, Hospital Comarcal de Inca, Spain
Title: Energy intake in the first week in an emergency intensive care unit did not influence clinical outcomes in critically ill, overweight Japanese patients
Teruyoshi Amagai, Mukogawa Women's University, Japan
Title: The effect of dietary choline on lipid partitioning and protection from metabolic syndrome
Marica Bakovic, University of Guelph, Canada
Title: Fourth year medical students' required patient care reflections in patients with advanced illness and complete functional assessment: Are they including nutritional status
John Ellis Agens, Florida State University, USA
Title: The role of diet and supplementation in inflammatory bowel disease
Martyn Caplin, Royal Free Hospital, UK
Title: A randomized, parallel, double blinded and placebo controlled study of liquid rose hip in volunteers during the winter season with special reference to the occurrence and symptoms of colds
Kaj Winther, University of Copenhagen, Denmark
Title: Nutritional status of HIV naive individuals in Central South Africa and the effect of nutritional supplementation on their viral load and immune status
Ernst Vermaak, Central University of Technology, South Africa
Title: A sustainable approach to nutrition intervention: Addressing the role of proximal determinants of undernutrition, Bukoba rural, Republic of Tanzania
Neeta Singh, University of the Incarante Word, USA
Title: Evidence for the role of low-fat dairy foods in decreasing body fat compared to calcium alone or a control group in overweight/obese early-postmenopausal women over a 6-months weight loss intervention
Jasminka Z Ilich, Florida State University, USA
Title: Fast food, slow food and Botteghe storiche – How the changing face of Rome's culinary traditions have influenced nutrition, health and cultural heritage
Elena T Carbone, University of Massachusetts Amherst, USA
Title: Magnitude of multiple micro-nutrient malnutrition among the rural children in India
N Arlappa, Indian Council of Medical Research, India
Title: Collagen peptide enteral formula might shorten healing days in older adult hospitalized patients with pressure ulcer
Masako Itoh, Kikai Tokushukai Hospital, Japan
Title: Major fatty acids and biochemical compositions of *Ulva fasciata* macro algae from Qeshm Island
Homira Agah, Iranian National Institute for Oceanography and Atmospheric Science, Iran
Title: Effectiveness of a feed supplement to control hyperphosphatemia and metabolic acidosis in advanced stages of feline Chronic Kidney Disease (CKD)
Natascia Bruni, Istituto Profilattico e Farmaceutico Candioli & C. S.p.A., Italy
Title: Nutrients of concern following bariatric surgery: Vitamin D and B complex vitamins
Carolyn E Moore, Texas Woman's University, USA
Title: The omic approach to evaluate the infant foods innovation (formulas and beikost) and their challenges for optimal baby health
Gaspar Ros Berruezo, University of Murcia, Spain
Title: Examining health literacy and its association with maternal child health and nutrition outcomes: Results of a scoping review
Elena T Carbone, University of Massachusetts Amherst, USA
Title: Should the diet of colon cancer patients be personalized based on gene mutation profiles of tumor cells
Cristina Pereira-Wilson, University of Minho, Portugal
Title: Obesity in pregnancy: Dietary quality not just quantity is important
Julie Abayomi, Liverpool John Moores University, UK
Title: Effect of nutritional counseling in the form of individualized meal plan on serum albumin level among hemodialysis patients
Suhair Abdalla Khalil Abdallah, King Faisal Specialist Hospital & Research Center, KSA
Title: The risk of developing eating disorders in young adults with and without type-1 diabetes mellitus in southern India
Mini Joseph, Christian Medical College & Hospital, India
Title: Advancing the role of tocotrienols in breast cancer: Unveiling novel molecular mechanism of tocotrienols using an *in vitro* model
Premdass Ramdas, International Medical University, Malaysia

Title: FuelUp & Go!: Effectiveness of a food literacy program for low income adolescents to improve knowledge, attitudes and behaviors related to fruits and vegetables, sugar sweetened beverages and physical activities
Catherine Wickham, University of Massachusetts Amherst, USA
Title: The Role of multivitamins in paediatric HIV management in Nigeria: A randomized controlled study
Regina Esiovwa Ahumareze, University of the West of Scotland, UK
Title: The tailored functional recipe approach: Linking local resources with global science to create sustainable school nutrition intervention in Ghana
Jolene Mateko Azagba-Nyako, University of Westminster, UK
Title: Olive: A therapeutic agent against Alzheimer's Disease
Syed Haris Omar, Charles Sturt University, Australia
Title: Effects of protein restriction on body parameters and bone metabolism in 17β-estradiol treated ovariectomized female Wistar rats
Victoria Padula de Quadros, University of Campinas, Brazil
Title: Sum of serum n-3 fatty acid value might be correlated with residual living days in older adult patients with gastro-intestinal cancer
Moeko Kitagawa, Mukogawa Women's University, Japan
Title: Gut microbiota associated with prebiotic effect of whey
Teresa Sanchez Moya, University of Murcia , Spain
Moringa Oleifera Lam, aqueous extract: Different effects on proliferation, apoptosis and immunomodulatory activity in lympho-monocytoid tumor cells and PBMCs from healthy donors
Marina Potesta, University of Rome 'Tor Vergata', Italy
Title: Low fat dairy foods improve lipid profile and proinflammatory markers in overweight/obese early postmenopausal women after a 6-month weight loss intervention
Jasminka Ilich, Florida State University, USA
Title: Nutritional intervention of adequate calorie and protein intake improve malnutrition among Hemodialysis patients
Suhair Abdalla Khalil Abdallah, King Faisal Specialist Hospital & Research Center, KSA
Title: Relation between anthropometric measurements and biochemical data based on Longitudinal Aging Study in Spain (ELES)
Leticia Coello Lafuente, Basque Culinary Center, Spain
Title: Hypoglycemic effect of pigmented germinated rice in ovariectomized rats
Xingyue Jin, Kyungpook National University, South Korea
Title: Rice extracts of pigmented germination inhibit key metabolic enzymes relevant to diabetes and hyperglycemia
Soo Im Chung, Kyungpook National University, South Korea
Title: Effects of glucose metabolism and antioxidant metabolism of functional rice Keununjami in menopause induced rats
Su-Jin Nam, Kyungpook National University, South Korea
Title: Dairy products and risk of coronary heart disease in South Asians
Sara Shahzad, University of Cambridge, UK
Title: Multilevel examination of the effect of rapid urbanicity on adult dietary fat intake
Chang Su, Chinese Center for Disease Control and Prevention, China
Title: Case of older adult with acute cholecystitis successfully treated with novel enteral formula named Oxypa™
Daizo Saito, Chikamori Hospital, Japan
Title: Iron intake trend of Chinese adults aged 18-49 years in nine provinces from 1991 to 2011
Hongru Jiang, Chinese Center for Disease Control and Prevention, China
Title: Upper extremity muscle volume and function as an indicator of pre-frailty in older adult patients with Chronic Obstructive Pulmonary Disease (COPD)
Teruyoshi Amagai, Mukogawa Women's University, Japan
Title: Obesity in Jordanian school children and its association with maternal feeding practices
Walid Al Qerem, AlZaytoonah University, Jordan
Title: Leucine rich diet changed the placental activity in pregnant tumor-bearing rats
Maria Cristina Cintra Gomes-Marcondes, University of Campinas, Brazil
Title: Effect of maternal CLA consumption on liver triacylglycerol regulation of adult offspring
Claudio Adrian Bernal, University of Litoral, Argentina
Title: Methanolic extracts of cooked black bean and cowpea produce G0/G1 arrest in colorectal cancer cells independently of p53 status
Cristina Pereira-Wilson, University of Minho, Portugal
Title: Analysis of gut microbiota of normal weight and obese donors after fermentation of green tea
Teresa Sanchez Moya, University of Murcia , Spain
Title: Phytonutrient and bioactivity analysis of traditionally used Native American edible plants
Shasha Zheng, California Baptist University, USA
Title: Nutritional support in neurological disorders: Outpatient clinic experience from Turkey
Nilgun Cinar, Maltepe University, Turkey
Title: Recovery of Hunger (IH) and diabetes regression after energy intake suspension up to loss of 20% body weight
Mario Ciampolini, University of Florence, Italy
Title: Understanding the influence of dietary folic acid as a biomarker of Down syndrome with measurement of key regulatory enzymes and metabolites in the methylation pathways of folate synthesis, using a cognitive mouse model Ts65Dn
Susan Edgar Helm, Pepperdine University, USA

Title: Effect of governance on implementation of multi sector nutrition programs in Ethiopia
Eileen Kennedy, Tufts University, USA
Title: Measurements to assist nutritional status assessments of the Japanese population
Yasushi Miyazawa, Chikamori Hospital, Japan

Title: Food-drug interactions. Where are we now?
Conxita Mestres Miralles, University Ramon Llull.Barcelona, Spain
Title: Household food insecurity is associated with lower dietary total antioxidant capacity of Korean adults
Hyojee Joung, Seoul National University, South Korea

Title: How does high glucose affect to genome-wide mRNA expression profiles in fully differentiated human epithelial cell culture model
Sukru Gulec, Izmir Institute of Technology, Turkey
Title: Bridging the gap between theory and practice in behavior change: Science based resources with instructional videos
Raymond Gemen, European Food Information Council, Belgium
Title: Identification of gaps and stakeholder's recommendations in terms of person centered nutrition care: Based on findings in the UK
Seolhyang Baek, Dongguk University, South Korea
Title: Hypocholesterolemic effect of whole barley bread compared to whole wheat bread in diabetes induced hyperlipidemic rats
Alzahraa Mahmoud Hassan Motawei, Mansoura University, Egypt
Title: Use of indigenous food formulation in the management of HIV and AIDS patients in Kenya
Hudson Nyabuga Nyambaka, Kenyatta University, Kenya



Bookmark your dates

11th European Nutrition and Dietetics Conference

September 18-20, 2017 Zurich, Switzerland

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Scientific Program

4th International Conference and Exhibition on

Nutrition

October 26-28, 2015 Chicago, Illinois, USA



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Scientific Program

Day 1 October 26, 2015

Registrations

Versailles A

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Opening Ceremony

Keynote Forum

Introduction

Ozlem TOKUSOGLU
Celal Bayar University, Turkey

Gary Stoner
Medical College of Wisconsin, USA

Alison Burton Shepherd
De Montfort University, UK

Networking & Refreshments

Li-Shu Wang
Medical College of Wisconsin, USA

Talha MUEZZINOGLU
Celal Bayar University, Turkey

Group Photo

Track 1: Nutritional Disorders and Nutritional Treatments
Track 2: Nutrition and Cancer- Clinical Studies

Session Chair: Ozlem Tokusoglu, Celal Bayar University, Turkey
Session Co-Chairs: Gary Stoner, Medical College of Wisconsin, USA
Talha Muezzinoglu, Celal Bayar University, Turkey

Session Introduction

Title: Overweight status and its effect on Serum 25 (OH) D levels
Judith Lukaszuk, Northern Illinois University, USA
Title: Vitamin E isoforms regulate allergic disease
Joan Cook-Mills, Northwestern University School of Medicine, USA

Lunch Break

Session Chair: Talha Muezzinoglu, Celal Bayar University, Turkey
Session Co-Chair: John Agens, Florida State University College of Medicine, USA

Title: Fourth year medical students required written patient care assignments reflecting awareness of use of Vitamin D in older patients at risk for falling
John Agens, Florida State University College of Medicine, USA
Title: Hyperproteic diet, intestinal microbiota, and colonic epithelium: The dangerous relationships
Francois Blachier, National Institute of Agronomic Research, France
Title: Enhanced chemopreventive effect by combining Quercetin and green tea in prostate cancer
Piwen Wang, Charles R. Drew University of Medicine and Science, USA
Title: Rooibos (Redbush) tea: A functional food that plays a protective role in lifestyle-associated metabolic diseases
Amanda C Swart, University of Stellenbosch, South Africa

Networking & Refreshments

Session Chair: Talha Muezzinoglu, Celal Bayar University, Turkey
Session Co-Chair: Li-shu Wang, Medical College of Wisconsin, USA

Workshop on "Phenolics and Cancer"
Ozlem TOKUSOGLU, Celal Bayar University, Turkey
Title: Prevalence of zinc deficiency among preschool children aged 3-5 years in Vhembe district, Limpopo province, South Africa
Selekane Ananias Motadi, University of Venda, South Africa
Title: Finding the optimum scenario in risk-benefit assessment: An example on Vitamin D
Firew Lemma Berjia, National Institute for Public Health and the Environment, The Netherlands
Aroma Company Satellite Presentation
Workshop on "Cancer Treatment & Phytotherapy"
Gary Stoner, Medical College of Wisconsin, USA

Panel Discussion

Day 2 October 27, 2015

Versailles A

Track 3: Nutrition and Cancer & Innovative Treatments
Track 4: Public Health Nutrition and Pediatric Nutrition
Track 5: Animal Nutrition

Session Chair: Talha Muezzinoglu, Celal Bayar University, Turkey
Session Co-Chair: Piwen Wang, Charles R. Drew University of Medicine and Science, USA

Session Introduction

Dietary consumption of black raspberries or their anthocyanin constituents alters innate immune cell trafficking in esophageal cancer
Daniel S Peiffer, Medical College of Wisconsin, USA
Title: The beneficial effects of antioxidants administration on some menopausal changes in oophorectomised rats
Nihal El Habachi, University of Alexandria, Egypt

Networking & Refreshments

Title: An innovative model to provide nutritional education and intervention for older adults in the community
Charlene Schmidt and Diedri White, University of Tennessee-Chattanooga, USA
Title: The rationale and efficacy of Souvenaid, a medical food targeting synaptic dysfunction in early Alzheimer's disease
Patrick Kamphuis, Nutricia Research, The Netherlands
Title: Energy expenditure and body composition of female agric students in a Nigerian university
Ignatius A Onimawo, Ambrose Alli University, Nigeria
Title: Impact of infant feeding practices on gut function in Dzimauli community, South Africa
Tjale Mahopo, University of Venda, South Africa

Lunch Break

Session Chair: Osama O Ibrahim, Bioinnovations LLC , USA
Session Co-Chair: Alison Burton Shepherd, De Montfort University, UK

Title: Assessement of *Ocimum gratissimum* extract on some oxidative stress indicators in rats
Iyawe Hanson, Ambrose Alli University, Nigeria
Title: Nutrient potentials of *Varies coleoptera* (Grub worm): Implication for food security
Mariam D Solomon, University of Jos, Nigeria
Title: Prevalence of Iron deficiency among preschool children aged 3-5 years in Vhembe district, Limpopo province, South Africa
Hlekani Vanessa Mbhatsani, University of Venda, South Africa

Panel Discussion

Poster Presentations

Networking & Refreshments

Workshop on "New Sweeteners"
Osama O Ibrahim, Bioinnovations LLC, USA

Day 3 October 28, 2015

Versailles A

Track 6: Food Processing and Technology & Nutrition
Track 7: Innovations in Nutritional Therapy and Treatments

Session Chair: Alison Burton Shepherd, De Montfort University, UK
Session Co-Chair: Talha Muezzinoglu, Celal Bayar University, Turkey

Session Introduction

Title: Strategies for maximizing intellectual property protection in food science and nutrition
Lisa Mueller, Michael Best & Friedrich LLP, USA
Title: The nutritional impact of failing to recognise childhood obesity: Lessons to learn
Alison Burton Shepherd, De Montfort University, UK
Title: Prevention of cognitive dysfunction and amyloid beta accumulation by the ingestion of green soybean extract in aged mice
Keiko Unno, University of Shizuoka, Japan

Networking & Refreshments

Title: Chemicals structure, properties, regulations and applications of non-nutritive-high intensity sweeteners
Osama O Ibrahim, Bio Innovation LLC, USA
Title: Designing plant foods for optimal iron and zinc bioavailability
Ann-Sofie Sandberg, Chalmers University of Technology, Sweden
Title: Process optimization of cookies for celiac using response surface methodology
Ajay Singh, Sant Longowal Institute of Engineering & Technology, India
Title: Understanding stress resilience and role of stress adaptogens
Varsha Khatry, Pfizer Limited, India

Lunch Break

Closing & Award ceremony



Scientific Program

OMICS Group Conferences
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3rd International Conference and Exhibition on
Nutrition & Food Sciences

September 23-25, 2014 Valencia Convention Centre, Spain



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Day 1 **September 23, 2014**

Registrations

Committee Room 1-2

Opening Ceremony

Keynote Forum

Introduction

Charles C Muscoplat
University of Minnesota, USA

Manfred Eggersdorfer
University Medical Center Groningen and DSM, Netherlands

Massimo Cecaro
Italian Medical Press Association, Italy

Coffee Break

Felicitation to OCM's and EB Members

Group Photo

Satellite Symposium on **"Nutrient Solutions for a Healthy Life"**

Title: Nutrient intake - A global view
Manfred Eggersdorfer, University Medical Center Groningen and DSM, Netherlands
Title: Nutritional solutions to counteract impact of air pollution
Daniel Raederstorff, DSM Nutritional Products, Switzerland
Title: Nutritional modulation of inflammation in airways disease
Lisa Wood, University of Newcastle, Australia
Title: Vitamin E- Emerging benefits
Szabolcs Peter, DSM Nutritional Products, Switzerland

Lunch Break

Title: Impact of air pollution on human health
Fernando Holguin, University of Pittsburgh, USA
Title: Issues of air pollution exposure science and epidemiology
Jane E Clougherty, University of Pittsburgh, USA

Panel Discussion

Track 1: Nutrition and Basic Science
Track 2: Pediatric Nutrition
Track 3: Nutritional Deficiency and Disorders

Session Introduction

Session Chair: Horacio Perez-Sanchez, Universidad Catolica San Antonio de Murcia (UCAM), Spain
Session Co-Chair: Caroline Dani, Methodist University IPA, Brazil
Title: Antiproliferative effect of main dietary phytosterols and/or β-cryptoxanthin in human colon cancer Caco-2 cells through cytosolic $Ca2^{+}$- and oxidative stress-induced apoptosis
Antonio Cilla, University of Valencia, Spain
Title: Recent advances in Vitamin K metabolism
Toshio Okano, Kobe Pharmaceutical University, Japan
Title: Grape juice: Its compounds and health benefits
Caroline Dani, Methodist University IPA, Brazil
Title: The influence of magnesium deficiency on bone remodeling cells
Marina M Belluci, University Estadual Paulista, Brazil
Title: Antioxidant supplementation of subfertile men improves top blastocyst rate in couples undergoing IVF/ICSI
Johannes Wogatzky, IVF Centers Prof Zech, Austria

Coffee Break

Title: Effect of a plant-based low-carbohydrate diet on body weight and blood lipids in Hyperlipidemic adults
Julia MW Wong, Boston Children's Hospital, USA
Title: Computational discovery of bioactive compounds binding to hepatic HMGCR
Horacio Perez-Sanchez, Universidad Catolica San Antonio de Murcia (UCAM), Spain
Title: Baking and storage stability of Vitamin A in wheat flour
Z O Apotiola, Lagos State Polytechnic, Nigeria
Title: Improving food safety culture with a right communication
Massimo Cecaro, Italian Medical Press Association, Italy
Title: Cyanidin-3-O-glucoside ameliorates lipid and glucose accumulation in C57BL/6J mice via activation of PPAR-a and AMPK?
Yaoyao Jia, Korea University, Republic of Korea
Title: Should parenteral nutrition solutions for preterm infants be photoprotected?
Sophie Laborie, Hopital Femme Mere Enfant, France
Title: The food origin of migraine as a result of Diamine Oxidase (DAO) enzyme deficiency
Adriana Duelo, International Society of DAO Deficiency, Spain

Panel Discussion

Keynote Forum

Introduction

Monika Haros
Institute of Agrochemistry and Food Technology (IATA-CSIC), Spain

Jose De J Berrios
United States Department of Agriculture, USA

Track 4: Nutritional Therapy & Treatment
Track 5: Industrial Food Safety and Management
Track 6: Food Processing and Technology
Track 7: Public Health Nutrition

Session Introduction

Session Chair: Alvaro Ronco, Pereira Rossell Women's Hospital, Uruguay
Session Co-Chair: Antal Veha, University of Szeged, Hungary
Title: Nutriequalization: Attempting to improve survival in cancer patients through nutritional modifications
Alvaro Ronco, Pereira Rossell Women's Hospital, Uruguay
Title: Exploring factors associated with compliance with CKD-specific low protein supplements among CKD patients
Fang-Ching Hu, Taipei Tzu Chi Hospital, Taiwan
Title: Nutritional support in early Alzheimer's disease: What, why and when?
Laus M Broersen, Nutricia Research, The Netherlands

Coffee Break

Title: Impact of nutritional modification on Egyptian patients with fatty liver combined with HCV
Osama A. Fekry, Dar Alshefa Hospital, Egypt
Title: From chemoprevention to identification of potential therapeutic targets and biomarkers for breast cancer
Somya Shanmuganathan, Sultan Qaboos University, Oman
Title: Socioeconomic factors on school aged children's overweight and obesity in the context of a community based program - MUN-SI, Portugal. A contribution for the EU project OPEN
Ana Rito, Research Centre on Health & Nutrition CEIDSS, Portugal
Title: Suggestions of supporting a healthy nutrition policy at grocery stores
Anna-Maria Saarela, Savonia University of Applied Sciences, Finland

Lunch Break

Title: Gestational Diabetes Mellitus (GDM) status in the Makkah city Western Saudi Arabia
Fayaz Ahmed Sahibzada, Umm Al Qura University, KSA
Title: Use of ancient latin-american crops in bread. Effect on mineral availability and glycemic index
Monika Haros, Institute of Agrochemistry and Food Technology (IATA-CSIC), Spain
Title: New approach in nutrition education: Electronic dietary recording and self-monitoring
Louisa Ming Yan CHUNG, The Hong Kong Institute of Education, China
Title: Quality attributes of functional extruded lentil-based snacks fortified with nutritional yeast
Jose De J Berrios, United States Department of Agriculture, USA
Title: Improving food safety of wheat flour
Antal Veha & Jozsef Gal, University of Szeged, Hungary
Title: Ultrasound processing effects on nutritional quality of fruit juices and chocolate products
Ozlem Tokusoglu, Celal Bayar University, Turkey
Title: Nutrition labelling and the choices logo in Israel: Position and perceptions of leading health policy makers
A. Gesser-Edelsburg, University of Haifa, Israel

Coffee Break

Title: Camel milk attenuates the biochemical and morphological features of diabetic nephropathy: Inhibition of Smad1 and collagen Type IV Synthesis
Aida A Korish, King Saud University, Saudi Arabia
Title: Introduction to quantitative nutritional risk assessment: A new approach
Fernando Perez-Rodriguez, University of Cordoba, Spain
Title: Promoting sustainable food production by developing eco-efficient and tailor made packaging for fresh foods: The EcoBioCAP EU project
Nathalie GONTARD, National Institute for Agronomical Research (INRA), France
Title: Food allergies: Food labeling strategies, conventional processing and High Pressure Processing (HPP) effects on food allergens
Ozlem Tokusoglu, Celal Bayar University, Turkey

Panel Discussion

Poster Presentations

NS-001 **Title: Effect of blanching conditions on sulforaphane content in purple and roman cauliflower *(Brassica oleracea L. var. Botrytis)***
Andrea Mahn, Universidad de Santiago de Chile, Chile

NS-002 **Title: Optimization of convective drying of broccoli to maximize the content of sulforaphane**
Andrea Mahn, Universidad de Santiago de Chile, Chile

NS-003 **Title: Activation of olfactory receptor 1A1 suppresses PPAR-γ expression by induction of HES-1 in cultured hepatocytes**
Chunyan Wu, Korea University, Republic of Korea

NS-004 **Title: Effect of storage period on microbiological quality of whole and low-fat pasteurized cow mil**
Ebtehal Abdulaziz AlTamim, Princess Noura Bint Abdulrahman University, Saudi Arabia

NS-005 **Title: From Asia to Mediterranean: Soya bean, Spanish legumes and commercial Soya Bean principal component, cluster and meta analyses**
Francisco Torrens and Gloria Castellano, Universidad Catolica de Valencia San Vicente Martir, Spain

NS-006 **Title: Application of supercritical water oxidation process as a novel green technology for rapid soy protein hydrolysis**
Geun-Pyo Hong, Jeju National University, Korea

NS-007 **Title: Concentrations of Chromium, Selenium, and Copper in the hair of visceral-obese adults are associated with insulin resistance**
Ha-Na Kim, The Catholic University of Korea, South Korea

NS-008 **Title: Barley sprout containing hexacosanol and saponarin ameliorates hypercholesterolemia and hyperglycemia in HepG2 and obese mice by modulation of AMPK and SREBP2 activities**
Ji Hae Lee, Korea University, Republic of Korea

NS-009 **Title: The content of omega 3 fatty acids in muscles and content of volatile fatty acids in gastrointestinal tract of pigs fed a high-fat diet supplemented with probiotics, prebiotics and flaxseed oil**
Matej Brestensky, National Agricultural and Food Center, Slovakia

NS-010 **Title: Optimization of pre-treatment conditions to improve qualities of frozen home meal replacement**
Mi-Jung Choi, Konkuk University, Korea

NS-011 **Title: Consumption of different dietary lipids modulates the expression of miRNAs**
Patricia Casas, Madrid Institute for Advanced Research (IMDEA), Spain

NS-012 **Title: Discovery of novel markers and targets for therapy of breast cancer via phyto-chemoprevention**
Somya Shanmuganathan, Sultan Qaboos University, Sultanate of Oman

NS-013 **Title: Chia (*Salvia hispanica* L.) and flax (*Linum usitatissimum* L.) seed as a suitable plant source of n-3 polyunsaturated fatty acids**
Soňa Nitrayova, National Agricultural and Food Center, Slovakia

NS-014 **Title: Antiviral activity of phytochemicals using a Norovirus surrogate system**
Sung Joon Lee, Korea University, Republic of Korea

NS-015 **Title: Antioxidant capacity assessment of the fat soluble vitamins from sea buckthorn oil (*Hippophae rhamnoides, spp. Carpatica*) and polyphenols from walnut (*Juglans Regia l*) on heat treated meat products**
Tamara Mihociu and Paul Mihai Apostu, National R&D Institute for Food Bioresources, Romania

NS-016 **Title: Effect of black-colored rice extract on the differentiation of 3T3-L1 and C3H10T1/2 cells**
Yeonji Kim, Korea University, Republic of Korea

NS-017 **Title: Quality of life and nutritional status of patients with inflammatory bowel disease**
Malgorzata Fejfer, Poznan University of Life Sciences, Poland

NS-018 **Title: Insulin resistance in relation to biochemical parameters and Food Frequency Questionnaire in obese patients - Bioactive Food Project**
Malgorzata Fejfer, Poznan University of Life Sciences, Poland

NS-019 **Title: Monitoring the levels of neoformed compounds in bread by front-face fluorescence spectroscopy**
Julie Mardon, Clermont Université, France

Day 3 September 25, 2014

Committee Room 1-2

Track 8: Current Research in Nutrition and Food Sciences
Track 9: Nutrition through Life Course
Track 10: Recent advances in Nutritional & Food Sciences

Session Introduction

Session Chair: El-Sayed M Abdel-Aal, Guelph Food Research Centre, Canada
Session Co-Chair: Sung-Joon Lee, Korea University, Republic of Korea

Title: It's not your Grandmothers cookbook anymore: Chemicals and genes in your food; with the chemicals and genes in you!
Charles C Muscoplat, University of Minnesota, USA

Title: Barley-based functional foods in health and nutrition
El-Sayed M Abdel-Aal, Guelph Food Research Centre, Canada

Title: Alternatives to in-feed antibiotics and their impact on the safety of animal products
Eva Skrivanova, University of Life Sciences in Prague, Czech Republic

Title: Using nanoemulsions as delivery systems for active lipophilic active compounds
Gemma Oms Oliu, University of Lleida, Spain

Coffee Break

Title: The relationship between osteoporosis knowledge, beliefs, and dietary calcium intake among Saudi adults
Hala Hazam Al-Otaibi, King Faisal University, Saudi Arabia

Title: Hydration status and nutritional knowledge of athletes
Pamela Magee, University of Ulster, N. Ireland

Title: Aflatoxin M1 in raw, pasteurized and baby infant formula
Sharaf S Omar, AL-Balqa Applied University, Jordan

Title: Regulation of lipid metabolism with Plantago asiatica essential oil and its major compound, linalool
Sung-Joon Lee, Korea University, Republic of Korea

Lunch Break

Title: Statistical analysis for the gut microbiome-diet association: An overview
Mihaela Pricop-Jeckstadt, University of Bonn, Germany

Title: Pharmacologic therapy targeting endogenous miRNAs by dietary components
Alberto Davalos, Madrid Institute for Advanced Research (IMDEA), Spain

Title: Effect of selected natural supplements on ovarian steroidogenesis
Alexander Sirotkin, Animal Production Research Centre Nitra, Slovakia

Title: Demographic variation in nutrition knowledge in a Turkish community sample
Ayten Aylin Alsaffar, Ozyegin University, Turkey

Title: The deranged human penchant for salt
Micah Leshem, The University of Haifa, Israel

Award Ceremony

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