13th International Congress on
Advances in Natural Medicines
Nutraceuticals & Neurocognition

July 27-28, 2017   Rome, Italy

Theme: “Transforming natural nutriments to active doctrines for health”

**For Available Speaker Slots**
nutraceuticals@conferenceseries.net

19+ Interactive Sessions  15+ Keynote Lectures  75+ Plenary Lectures  5+ Workshops

Conference Secretariat
2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA
Email: nutraceuticals@nutritritionalconference.com
http://nutraceuticals.pharmaceuticalconferences.com/
# Program at a Glance

## Day 1

<table>
<thead>
<tr>
<th>Time</th>
<th>General Session</th>
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</thead>
<tbody>
<tr>
<td>09.00-09.15</td>
<td>Inaugural Address</td>
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<tr>
<td>09.15-09.45</td>
<td>Keynote 1</td>
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<tr>
<td>09.45-10.15</td>
<td>Keynote 2</td>
</tr>
<tr>
<td>10.15-10.45</td>
<td>Keynote 3</td>
</tr>
</tbody>
</table>

**Morning Sessions**

- Least of 3 Keynote Talks
- Panel Discussions/Group Photo
- Coffee/Tea Break 10.45-11.00 (Networking)
- Lunch Break 12.40-13.30
- Coffee/Tea Break 15.30-15.45 (Networking)

**Evening Sessions**

## Day 2

<table>
<thead>
<tr>
<th>Time</th>
<th>General Session</th>
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</thead>
<tbody>
<tr>
<td>09.10-09.40</td>
<td>Keynote 1</td>
</tr>
<tr>
<td>09.40-10.10</td>
<td>Keynote 2</td>
</tr>
<tr>
<td>10.10-10.40</td>
<td>Keynote 3</td>
</tr>
</tbody>
</table>

**Morning Sessions**

- Coffee/Tea Break 10.40-10.55 (Networking)
- 10.55-12.35 5 Speakers (20 Mins Each) 5 Speakers (20 Mins Each)
- Lunch Break 12.35-13.25
- Poster Sessions

**Evening Sessions**

- Coffee/Tea Break 15.05-15.20 (Networking)
- 15.20-17.00 5 Speakers (20 Mins Each) 5 Speakers (20 Mins Each)

**Awards & Closing Ceremony**
# Tentative Scientific Program

**NOTE:** Program Schedule is subject to change with final allotment of the speaker slots

Speaker opportunities available, submit your abstract online at [http://nutraceuticals.pharmaceuticalconferences.com/abstract-submission.php](http://nutraceuticals.pharmaceuticalconferences.com/abstract-submission.php)

## Keynote Forum

<table>
<thead>
<tr>
<th>Title</th>
<th>Speaker Country</th>
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</thead>
<tbody>
<tr>
<td>The microbiome’s regulation of human genetics, immunity and life expectancy</td>
<td>Zach Bush, Seraphic Group Inc., USA</td>
</tr>
<tr>
<td>Amylgen, your partner for “brain health” products development</td>
<td>Francois J. Roman, Amylgen, France</td>
</tr>
<tr>
<td>Brain nutrition, aging and neuroplasticity – the clinical orthomolecular aspects</td>
<td>Roni L Moya, Regenera, Portugal</td>
</tr>
<tr>
<td>TBD</td>
<td>Karen E Todd, Kyowa Hakko, USA</td>
</tr>
<tr>
<td>Enhanced cytotoxic effects of herb-drug combinations for resistant cancer--mechanisms and new therapeutic potentials</td>
<td>Moses S. S. Chow, Western University of Health Sciences, USA</td>
</tr>
</tbody>
</table>

**** Keynote Speaker Slot Available ****

<table>
<thead>
<tr>
<th>Title</th>
<th>Speaker Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Disruption of the Gut Microbiome and Gut Permeability as Ground Zero for the Nutrition-Related Epidemics of the Developed World</td>
<td>Zach Bush, Seraphic Group Inc., USA</td>
</tr>
<tr>
<td>The science behind citicoline to protect against neurodegenerative processes and maintaining normal cognitive function</td>
<td>Karen E Todd, Kyowa Hakko, USA</td>
</tr>
<tr>
<td>Biomedical integrative approach to oncology from “vitamins to cellular therapy”</td>
<td>Roni L Moya, Regenera, Portugal</td>
</tr>
<tr>
<td>Whey protein based microencapsulation of bioactive compounds and probiotics</td>
<td>Mingruo Guo, The University of Vermont, USA</td>
</tr>
<tr>
<td>Biomedical activities of anthocyanins extract derived from the Solanum tuberosum L.</td>
<td>Paola Bontempo, University of Luigi Vanvitelli Campania Studies, Italy</td>
</tr>
<tr>
<td>Nourish the brain: omega 3 fatty and its therapeutic implications in mental health</td>
<td>Ellie Wright, EGW Research Institute LLC, USA</td>
</tr>
<tr>
<td>The key role of nutritional treatments in the management of metabolic syndrome</td>
<td>Torchia G, Nutripanda Clinic Organization, UK, USA</td>
</tr>
<tr>
<td>Synergistic efficacy of combined whole grape seed flour and kefir-derived lactic acid bacteria reduces high-fat (hf)-induced obesity</td>
<td>Hyunsook Kim, Hanyang University, South Korea</td>
</tr>
<tr>
<td>Heavy metals in Georgian red wines Kindzmarauli and Saperavi</td>
<td>Lali Akhalbedashvili, Ivane Javakhishvili Tbilisi State University, Georgia</td>
</tr>
<tr>
<td>Title</td>
<td>Author</td>
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<tr>
<td>Chemical constituents of agarwood</td>
<td>Jeong Hill Park, Seoul National University, South Korea</td>
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<tr>
<td>Effect of nonalcoholic fatty liver disease on CYP2B1-mediated</td>
<td>Dae-Duk Kim, Seoul National University, South Korea</td>
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<tr>
<td>Spirulina Maxima Extract Protects against TMT-induced Neuronal</td>
<td>Boo-Yong Lee, CHA University, South Korea</td>
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<tr>
<td>Andrographolide Activates Keap1/Nrf2/ARE/HO-1 Pathway in HT22 Cells</td>
<td>Won Keun Oh, Seoul national University, South Korea</td>
</tr>
<tr>
<td>The Anticancer Mechanisms of Docosahexaenoic acid (DHA) and Eicosapentaenoic Acid (EPA) on Human Hepatocarcinoma: An Protoemnic Approach</td>
<td>Jennifer Man-Fan Wan, The University of Hong Kong, China</td>
</tr>
<tr>
<td>Willingness to pay (WTP) and incremental production cost. F.A.T.E. PreSco bread, a functional food to help heart failure prevention, treatment and recovery</td>
<td>Bruna Vinci, Pisa University, Italy</td>
</tr>
<tr>
<td>Tocotrienol, a rising star in functional ingredient</td>
<td>Wei Ney Yap, Davos Life Science Pte Ltd, Singapore</td>
</tr>
<tr>
<td>Emerging nutraceuticals in the management of osteoarthritis: focus on 3-hydroxytyrosol in epigenetics and autophagy pathway</td>
<td>Stefania D'Adamo, University of Bologna, Italy</td>
</tr>
<tr>
<td>Use of Sicilian ancient durum wheat for the production of low-GI spaghetti</td>
<td>Carla Silitti, University of Foggia, Italy</td>
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<tr>
<td>The inhibitory effect of spice extracts on the formation of amyloid fibrils using trypsin in aqueous ethanol</td>
<td>Phanindra Babu Kasi, University of Szeged, Hungary</td>
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<tr>
<td>Onosma aucheriana as a source of bioactive compounds for food and pharmaceutical industries</td>
<td>Pavle Maskovic, University of Kragujevac, Serbia</td>
</tr>
<tr>
<td>Comparison of Anxiolytic Effects of the Homeopathic Complex Vita C 15 in Compared with Aconitum Napellus in the Acutely Stressed C57BL6 Mice</td>
<td>Siaw Min Liew, Cyberjaya University College of Medical Sciences, Malaysia</td>
</tr>
<tr>
<td>Contribution to the study of the epidemiological aspect of lactose intolerance in morocco</td>
<td>Lebiad Zineb, University Ibn Tofail, Morocco</td>
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<tr>
<td>Propolis extracts protects pancreatic beta cells from oxidative stress in vitro</td>
<td>Sergio Wehinger, Universidad de Talca, Chile</td>
</tr>
<tr>
<td>DIABAR (diabetes bar) : Modification of low calorie nutraceutical from stevia leaf (stevia rebaudina) based on crossflow ultrafiltration</td>
<td>Doni Dermawan, Universitas Padjadjaran, Indonesia</td>
</tr>
<tr>
<td>Relationship between fat free mass index values and use of nutritional supplement as an ergogenic aid in bodybuilding</td>
<td>Asli Devrim, Hacettepe University, Turkey</td>
</tr>
<tr>
<td>'Cool dudes' and African body-image – sports food and energy drink consumption in a sports-resource-deficient urban area in South Africa</td>
<td>Darlene Miller, University of Witwatersrand, South Africa</td>
</tr>
<tr>
<td>Maternal Perspectives on Probiotics, Intake of Probiotic Food and Occurrence of Atopic Dermatitis among Children in Selected Urban Communities in Laguna, Philippines</td>
<td>Cherry Ann G. Garcia, University of the Philippines, Philippines</td>
</tr>
</tbody>
</table>

** Speaker Slots Available **
<table>
<thead>
<tr>
<th>Title</th>
<th>Speaker/Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protective effect of perilla oil and alpha-linolenic acid on neuronal apoptosis induced by oxidative stress</td>
<td>Ah Young Lee, Pusan National University, South Korea</td>
</tr>
<tr>
<td>Production of spaghetti enriched with high protein Sicilian lentils: First results</td>
<td>Antonella Pagliaro, University of Foggia, Italy</td>
</tr>
<tr>
<td>Effect of carboxymethylcellulose and Guar on sensory quality of spaghetti enriched with lentil</td>
<td>Antonella Pagliaro, University of Foggia, Italy</td>
</tr>
<tr>
<td>Sensory characteristics of pasta enriched in cladodes of prickly pear (Opuntia ficus indica (L.) Mill.) with cholesterol-lowering action</td>
<td>Antonella Pagliaro, University of Foggia, Italy</td>
</tr>
<tr>
<td>The quality of pasta added with cardoon inulin: Evaluation of the part of the plant used for the extraction of the polymer</td>
<td>Carla Sillitti, University of Foggia, Italy</td>
</tr>
<tr>
<td>The quality of pasta added with cardoon inulin: Evaluation of the environment of cultivation</td>
<td>Carla Sillitti, University of Foggia, Italy</td>
</tr>
<tr>
<td>Nutritional characterization of Sicilian durum wheat for Cuccia preparation</td>
<td>Rosaria Bognanni, University of Foggia, Italy</td>
</tr>
<tr>
<td>The cucca: a traditional soup prepared with an innovative method</td>
<td>Rosaria Bognanni, University of Foggia, Italy</td>
</tr>
<tr>
<td>Alpha lipoic acid alleviates hyperlipidemia, and inflammation of visceral adipose tissue in high-fat-diet plus STZ-treated rat model</td>
<td>Meng-Shiuan Tu, National Taiwan Normal University, Taiwan</td>
</tr>
<tr>
<td>K36, a synthetic caffeamide derivative, improves the pathology of AD in high-fat-diet plus streptozotocin-induced hyperinsulinemic and hyperglycemic rats</td>
<td>Pei-Chin Wu, National Taiwan Normal University, Taiwan</td>
</tr>
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**Speaker Slots Available**

**Poster Presentation Opportunities Available**

For more details: [http://nutraceuticals.pharmaceuticalconferences.com](http://nutraceuticals.pharmaceuticalconferences.com)

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Glimpses of Nutraceuticals Conference

http://nutraceuticals.pharmaceuticalconferences.com/
Glimpses of Nutraceuticals Conference
Major Scientific Sessions

- Dietary Supplements & Functional Foods
- Multivitamin supplements
- Bodybuilding supplements
- Weight Supplements
- Protein Supplements
- Nutraceutical Bioactives
- Prebiotics and Probiotics
- Pharmacognosy & Phytochemistry
- Herbal and Traditional Medicine
- Nutraceuticals in Cancer Therapy
- Nutraceuticals for Cardiovascular Health
- Nutraceuticals in Weight Management
- Marine Nutraceuticals
- Recent Trends in Natural Medicines and Nutraceuticals Research
- Nutraceuticals and Natural Medicine Products
- Neurocognition

Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster.
- Judges will even evaluate the student’s enthusiasm towards their study, interest and knowledge in the area of their research.
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement.
- Apart from the judging time you may also be present at the poster to share your research with interested delegates.

Young Researchers Forum

- Present your research through oral presentations.
- Learn about career development and the latest research tools and technologies in your field.
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research.
- Develop a foundation for collaboration among young researchers.
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe.
- Interact and share ideas with both peers and mentors.

General Queries

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Conference Venue

Rome, Italy
Best Tourist Destinations in Rome, Italy

- 8 Great Day Trips from Rome
- 8 Most Beautiful Churches in Rome
- 10 Top Tourist Attractions in Rome
- Capuchin Crypt
- Colosseum
- Piazza Navona
- Roman Forum
- Campo de' Fiori
- Castel Sant'Angelo
- Pantheon
Rome, the city of seven hills, enjoyed a mythic beginning. Romulus and Remus — twin brothers who were nursed by a she-wolf and fathered by a war god — reportedly founded the Eternal City. And although historians are a little skeptical about this epic entry into the world, most travelers are absolutely certain that there is something magical about Rome. Whether it’s the mystery of nearby Vatican City or the ghosts of the Colosseum, an afternoon caffè on Piazza Navona or a piled-high plate of pasta at a trattoria, Roma is sure to enchant. It is also the country’s largest and most populated commune and fourth-most populous city in the European Union by population within city limits.

Italy’s capital city, Rome is also known for a history that dates back to the eras of Octavian, Julius Caesar and Hadrian, among others. Left behind are structures like the Pantheon, the Roman Forum and dozens of churches, among other historic gems. Art enthusiasts will relish the trove of art housed at the Vatican Museums, and foodies will enjoy the splendid Italian fare, not to mention the gelato. And though its momentous past is the focus for many vacationers, Rome is also a fast-paced, modern and relevant city, with gleaming designer storefronts, sleek hotels and cutting-edge restaurants.

Be sure to take time to enjoy la dolce vita — even a week isn’t long enough to experience everything Roma has to offer. From historic tours through ancient Rome (Colosseum, Roman Forum) to Sunday morning shopping at the Porta Portese flea market to climbing to the top of St. Peter’s Basilica, this city is bursting with things to do. You can help your chances of returning to Roma by tossing a coin in the Trevi Fountain; fate might just bring you back to the Eternal City, or so the legend goes.
Scientific Program

2nd International Conference on
Nutraceuticals and Nutrition Supplements
July 18-20, 2016  Bangkok, Thailand
### Scientific Program

#### Day 1  July 18, 2016

**Registrations**

**Keynote Forum**

**Introduction**

Title: The role of vitamin B6 in health and diseases  
Norihisa Kato, Hiroshima University, Japan

Networking & Refreshment Break

Title: Mechanisms common to chronic diseases may be the best targets for nutraceutical approaches  
Nicolas Wiernsperger, Lyon University, France

**Track 4: Vitamin Supplements**  
**Track 5: Functional Foods**  
**Track 6: Nutraceuticals and Functional food products**

**Session Introduction**

Title: Efficacy of vitamin and antioxidant supplements in prevention of bladder cancer: Meta analysis of randomized controlled trials  
Seung-Kwon Myung, National Cancer Centre, South Korea

Lunch Break

Title: A novel bioactive compound derived from yeast extract as a potent nutraceutical for preventing vascular-related diseases  
Thanutchaporn Kumphungsee, Hiroshima University, Japan

Title: Riboflavin producing probiotic lactobacilli as a biotechnological strategy to obtain riboflavin enriched functional foods  
Kiran Thakur, National Dairy Research Institute, India

Title: Sesamin: From sesame to the functional foods  
Prachya Kongtawelert, Chiang Mai University, Thailand

Networking & Refreshment Break

Title: Technology next-generation nutraceutical world  
Pritee Paliwal, Synthite Industries Ltd, India

**Pannel Discussion**

### Day 2  July 19, 2016

**Track 4: Vitamin Supplements**  
**Track 5: Functional Foods**  
**Track 6: Nutraceutical and Functional Food Products**

**Session Introduction**

Title: It’s not the innovation, it’s the application: How vitamins saved my life and career  
Jatin R. Joshi, Instavit Ltd, UK

Title: Aspergillus derived protease as a novel bifidogenic factor  
Norihisa Kato, Hiroshima University, Japan

Networking & Refreshment Break

Title: The nutraceutical properties of polysaccharides sequentially extracted from peony seed dreg  
Zhao-Jun Wei, Hefei University of Technology, China

Title: Sensory and nutraceutical properties of Chinese olive pumice based high fiber biscuit  
Shaoling Lin, Fujian Agriculture and Forestry University, China

Lunch Break

**Poster Presentations:**

- **NUTCL 01**  
  Title: Consumption of an acid protease derived from *Aspergillus oryzae* elevates colon Bifidobacterium in rats  
  Norihisa Kato, Hiroshima University, Japan

- **NUTCL 02**  
  Title: Characterization of a bioactive betaxanthin purified from natural extracts  
  Juana Cabanes Cos, University of Murcia, Spain

- **NUTCL 03**  
  Title: Bioactive betalains produced in vitro in cell lines of *Celosia argentea*  
  Francisco García-Carmona, University of Murcia, Spain

- **NUTCL 04**  
  Title: Purification and characterization of the bioactive compound betalamic acid  
  Josefa Escribano Cebrian, University of Murcia, Spain
| NUTCL 05 | Title: Effect of elicitors on the production of antioxidant compounds and redox proteins in broccoli cell cultures  
Maria Angeles Pedreno Garcia, University of Murcia, Spain |
| NUTCL 06 | Title: Characterization of the bioactive properties of natural extracts containing betalains  
Mercedes Jimenez Atienzar, University of Murcia, Spain |
| NUTCL 07 | Title: Bioproduction of bioactive compounds obtained from elicited broccoli cell cultures  
Lorena Almagro, University of Murcia, Spain |
| NUTCL 08 | Title: Effects of Buriti oil supplementation on oxidative stress parameters and hormonal concentrations in male Wistar rats  
Nicole Lisa Brooks, Cape Peninsula University of Technology, South Africa |
| NUTCL 09 | Title: Changes in anti hyperglycemic and antioxidant activities of selected 5 onion cultivars by heat treatment process  
Yu-Ri Kang, Hannam University, South Korea |
| NUTCL 10 | Title: The effects of soy isoflavone genistein administration on bone metabolism in elderly women  
Chang Sun Kim, Dongduk Women’s University, South Korea |
Scientific Program

Day 1    October 26, 2015

Registrations

Versailles A

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

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: Assessment 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
<table>
<thead>
<tr>
<th>Title</th>
<th>Author</th>
<th>Institution/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategies for maximizing intellectual property protection in food science and nutrition</td>
<td>Lisa Mueller, Michael Best &amp; Friedrich LLP, USA</td>
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<tr>
<td>The nutritional impact of failing to recognise childhood obesity: Lessons to learn</td>
<td>Alison Burton Shepherd, De Montfort University, UK</td>
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<tr>
<td>Prevention of cognitive dysfunction and amyloid beta accumulation by the ingestion of green soybean extract in aged mice</td>
<td>Keiko Unno, University of Shizuoka, Japan</td>
<td></td>
</tr>
<tr>
<td>Chemicals structure, properties, regulations and applications of non-nutritive-high intensity sweeteners</td>
<td>Osama O Ibrahim, Bio Innovation LLC, USA</td>
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<tr>
<td>Designing plant foods for optimal iron and zinc bioavailability</td>
<td>Ann-Sofie Sandberg, Chalmers University of Technology, Sweden</td>
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<td>Process optimization of cookies for celiac using response surface methodology</td>
<td>Ajay Singh, Sant Longowal Institute of Engineering &amp; Technology, India</td>
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<tr>
<td>Understanding stress resilience and role of stress adaptogens</td>
<td>Varsha Khatry, Pfizer Limited, India</td>
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Networking & Refreshments

Lunch Break

Closing & Award ceremony
“Organize your Events at OMICS Group Conferences”

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to symposia@omicsonline.org

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Email: nutritionalscience2014@omicsgroup.us
**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

---

**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 Roederstorf**, 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

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**Panel Discussion**

**Track 1: Nutrition and Basic Science**

**Session Chair:** Horacio Perez-Sanchez, Universidad Catolica San Antonio de Murcia (UCAM), Spain  
**Session Co-Chair:** Carolina Dani, Methodist University IPA, Brazil  

**Title:** Antiproliferative effect of main dietary phytosterols and/or \( \beta \)-cryptoxanthin in human colon cancer Caco-2 cells through cytosolic \( \text{Ca}^{2+} \)- 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

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**Track 2: Pediatric Nutrition**

**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 Apotilia**, 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

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**Track 3: Nutritional Deficiency and Disorders**

**Coffee Break**

**Session Introduction**

**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 Duolo**, International Society of DAO Deficiency, Spain

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**Panel Discussion**
Day 2                September 24, 2014
Committee Room 1-2

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
Somay Shannmanathan, 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 (Brasica oleracea L. var. Botrytis)
Andrea Mahn, Universidad de Santiago de Chile, Chile
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
Title: Effect of storage period on microbiological quality of whole and low-fat pasteurized cow milk
Ebtehal Abdulaziz AlTamim, Princess Noura Bint Abdulrahman University, Saudi Arabia
NS-004 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
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-No Kim, The Catholic University of Korea, South Korea
   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
   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
   Title: Optimization of pre-treatment conditions to improve qualities of frozen home meal replacement
   Mi-Jung Choi, Konkuk University, Korea
   Title: Consumption of different dietary lipids modulates the expression of miRNAs
   Patricia Casas, Madrid Institute for Advanced Research (IMDEA), Spain
   Title: Discovery of novel markers and targets for therapy of breast cancer via phyto-chemoprevention
   Somya Shammuganathan, Sultan Qaboos University, Sultanate of Oman
   Title: Chia (Salvia hispanica L.) and flax (Linum usitatissimum L.) seed as a suitable plant source of n-3 polyunsaturated fatty acids
   Sofia Nitraysova, National Agricultural and Food Center, Slovakia
   Title: Antiviral activity of phytochemicals using a Norovirus surrogate system
   Sung Joon Lee, Korea University, Republic of Korea
   Title: Antioxidant capacity assessment of the fat soluble vitamins from sea buckthorn oil (Hippophae rhamnoides, spp. Carpathica) and polyphenols from walnut (Juglans Regia L.) on heat treated meat products
   Tamara Mihociuc and Paul Mihai Apostu, National R&D Institute for Food Bioresources, Romania
   Title: Effect of black-colored rice extract on the differentiation of 3T3-L1 and C3H10T1/2 cells
   Yeonji Kim, Korea University, Republic of Korea
   Title: Quality of life and nutritional status of patients with inflammatory bowel disease
   Malgorzata Fejfer, Poznan University of Life Sciences, Poland
   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

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 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 Grandmother's cookbook anymore: Chemicals and genes in your food; with the chemicals and genes in you!
   Charles C Muscophat, 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 Maggee, 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, linolool
   Sung-Joon Lee, Korea University, Republic of Korea

Lunch Break

Title: Statistical analysis for the gut microbiome-diet association: An overview
   Mihaela Prpic-Opstej, 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 Sirokinin, Animal Production Research Centre Nitra, Slovakia
Title: Demographic variation in nutrition knowledge in a Turkish community sample
   Ayten Aylin Aysaffar, Ozyegin University, Turkey
Title: The deranged human penchant for salt
   Micah Leshem, The University of Haifa, Israel

Award Ceremony

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OMICS Group Inc.
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
contact@omicsgroup.com

OMICS Publishing Group
5716 Corsa Ave., Suite 110, Westlake
Los Angeles, CA 91362-7354, USA
Ph: +1-650-268-9744
Fax: +1-650-618-1414
contact.americas@omicsonline.org

OMICS Group
SEZ Unit, Building No. 20, 9th Floor
APICL Layout, HITEC City
Hyderabad-500321, Telangana, INDIA
Ph: 040-40131823, 040-47462222
contact.asiapacific@omicsonline.org

Toll free
USA & Canada: +1-800-216-6499
Australia: +1-800-651-097
Europe: 0805-080048

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