



XVIIth World Congress on Clinical Nutrition

Sofia Princess Hotel, Sofia, Bulgaria

October 24 -26th, 2013

**Theme: Joining Cultures through Nutrition and Cardio
Vascular and Other Non-Communicable Diseases**

PROGRAM

11:00 - 13:30 Registration

Thursday, 24 October 2013

Ruby Hall

13:30 - 15:30 **Session 1: ADVANCES IN NUTRITION RESEARCH OF MANAGEMENT OF OBESITY,
DIABETES AND RELATED DISORDERS**

Chairmen: Svetoslav HANDJIEV, J Alfredo MARTINEZ. RB SINGH

13:30-13:50 Nutrigenomics Of Obesity
J Alfredo MARTINEZ (Spain)

13:50-14:10 Childhood Obesity – EPODE
Jean Michael BORYS (France)

14:10-14:30 Childhood And Adolescents' Diet For Diabetes And Obesity
Maia KONSTANTINOVA (Bulgaria)

14:30-14:50 Obesity and related metabolic and behavioral diseases: is “part of a
meal replacement “strategy a possible answer
Dominique PERIN CALVAO (Luxemburg)

14:50-15:10 Increasing Awareness and Resources for Education in Clinical
Nutrition and Metabolism
Regina KOMSA-PENKOVA (Bulgaria)

15:10-15:30 Balkan diet
Svetoslav HANDJIEV (Bulgaria)

- 15:30 - 16:00** **Coffee- break and visit to the exhibition and the poster session**
- 16:00 - 17:20** **Session 2: NUTRITION AND MANAGEMENT OF OBESITY, DIABETES AND RELATED DISORDERS**
Chairmen: Maria NIKOLOVA, RB SINGH, Teodora Handjieva
- 16:00-16:20 Impact Of Mediterranean -Type Diet, Functional Foods And Dietary Supplements On Diabetes And Obesity Related Disorders
Harpal BUTTAR (Canada)
- 16:20-16:40 How To Treat The Obese Adult: The “DD” (Diet And Drug) Approach
Teodora HANDJIEVA – DARLENSKA (Bulgaria)
- 16:40-17:00 Zinc, Diabetes Mellitus And Cardiovascular Disease
Samir SAMMAN (Australia)
- 17:00-17:20 Approaches to Combat the Global Health Crisis in Cardiovascular related Disease
Fabien de MEESTER (Poland)
- 17:30 - 18:30** **Industry Supported Session: Gold Sponsor - Berlin-Chemie**
- 18:30 - 19:45** **Opening Ceremony of 17th WCCN and 7th ICCD**
Krasimira HRISTOVA, Ivo Petrov , President of BSC , SS RASTOGI, President ICN, AK SINGH, Secretary General ICN, Lekh Juneija , Former President, ICN
Adarsh KUMAR , President , ICC, Daniel PELLA, Executive Director, ICC, Tapan BASU, Executive Director ICN , RB SINGH, ICC
- 19:00-19:20 **Invited Plenary Lecture**
An approach to a complementary medicine for cardiovascular disease TK Basu, Executive Director, ICN (Canada)
- 19:20-19:45 **Franz Halberg’s Memorial lecture** – Circadian Timing matters for the Administration of Medications, Nutraceuticals and Food – a Tribute to Franz Halberg
Germaine CORNELISSEN, USA
- 19:45** **Welcome drink**

Friday, 25 October 2013

- 8:30 - 10:30** **Session 3: THE TSIM TSOUM CONCEPT: ACHIEVEMENTS & PERSPECTIVES**
Chairmen: Fabien de MEESTER, Krasimira HRISTOVA, RB SINGH
- 8:30-9:00 From Environmental Cycles to the Non-Origin of the Universe
Fabien DE MEESTER (Belgium)
- 9:00-9:20 The Socio-Psychologist Standpoint
Agnieszka WILCZYŃSKA (Poland)

9:20-09:40 The Neuro-Cardiologist Standpoint
RB SINGH

9:40-10:00 The Chrono-Statistician Standpoint
Douglas WILSON (UK)

10:00-10:30 Obesity is a Mind Disease
Fabien DE MEESTER (Belgium)

10:30 - 11:00 Coffee- break and visit to the exhibition and the poster session

11:00 - 13:00 Session 4: NUTRITION AND MANAGEMENT OF DISEASES – CARDIOVASCULAR DISEASES, OTHER INFLAMMATORY AND IMMUNE DISEASES

Chairmen: F. RIBAROVA, Sukhinder CHEEMA, Sv. Handjiev

11.00 -11:20 Prevention Of Endothelial Damage And Cardiovascular Complications In Diabetes Using Specific Nutraceuticals
Subrata CHAKRABARTI (Canada)

11:20-11:40 Nitric oxide activating foods and risk of Cardiovascular diseases.
RB SINGH (India)

11:40-12:00 Fructose, Are All Sugars Born Equal?
Maximo MAISLOS (Israel)

12:00-12:20 Pleiotropic Effects of Vitamin D
Maria NIKOLOVA (Bulgaria)

12:20-12:40 Vitamin D supplementation in Management of Coronary Heart Disease in Elderly Patients
Adarsh KUMAR (India)

12:40-13:00 Ffenugreek (Trigonella foenum-graecum L.): Its potential to lower glycemic and lipid status
Tapan BASU (Canada)

13:00 - 14:00 Lunch break

13:00 - 13:45 Industry Supported Session

14:00 - 16:00 Session 5: FUNCTIONAL FOODS AND BIOACTIVE COMPOUNDS – FATS, OILS AND FATTY

Chairmen: Krasimira HRISTOVA, Samir SAMMAN, SS RASTOGI

14:00-14:20 Fatty Acids In Treatment And Prevention Of Depression
Agnieszka WILCZYNSKA (Poland)

14:20-14:35 Dietary Omega-3 Polyunsaturated Fatty Acids Generate Novel Anti-Atherogenic Bioactive Lipid Metabolites
Sukhinder K. CHEEMA (Canada)

- 14:35-14:50 Prevention of Cardiovascular disease and Diabetes Mellitus
SS RASTOGI (India)
- 14:50-15:10 Mechanisms By Which Omega-3 Fatty Acids Regulate Brain Function
Sukhinder K. CHEEMA (Canada)
- 15:10-15:25 The Role Of Omega – 3 Fatty Acids In Clinical Nutrition
Fany RIBAROVA (Bulgaria)
- 15:25-15:40 Effect of Processing On Fatty Acid Andphospholipid Profiles Of
Brachystegiaeurycoma Harm Seeds
Leke AREMU (Nigeria)
- 15:40-16:00 Glycomacropeptide derived from milk as alternative platform to
free amino acids based product formulation for dietary
management of phenylketonuria
Lech OZIMEK, Takuo NAKANO, Eryck R. SILVA-HERNANDEZ (Canada)

16:00 - 16:30 Coffee- break and visit to the exhibition and the poster session

16:30 - 17:30 Industry Supported Session from Abbott

17:30 - 19:00 Awards Session

Opal Hall

Chairmen: Kristina ZUMKLEY, RB SINGH, T. BASU. A. KUMAR, L. Ozimek, L. JUNIEJA

17:30-18:00 Dr. ZUMKLEY Memorial Award Plenary Lecture
Glycomacropeptide derived from milk as alternative platform to
free amino acids based product formulation for dietary
management of phenylketonuria Lech Ozimek, Alberta (Canada)

18:30-19:00 Dr Zhu Shoumin memorial Award Lecture

Saturday, 26 October 2013

8:30 - 10:30

**Session 6: ADVANCES IN NUTRITION RESEARCH – NEW ADVANCES IN
EXPERIMENTAL NUTRITION, BIOMARKERS IN NUTRITION, NEW EXPERIMENTAL
APPROACHES IN CLINICAL NUTRITION**

Chairmen: Harpal BUTAR, Toru TAKAHASHI, Lekh Juneja

8:30-8:50 Influence Of Polyphenol-Plasma Protein Interaction On The
Antioxidant Properties Of Polyphenols
Jianbo XIAO (Germany)

8:50 -9:10 Traditional causal mechanisms and frameworks of mind-brain-body-
gene interactions and their role in nutrition. Is there also a role for
syntropy?
RB Singh (India)

- 9:10- 9:30 Milk Proteins derived Angiotensin Converting Enzyme (ACE) Inhibitors
Lech OZIMEK, Takuo NAKANO (Canada)
- 9:30-9:50 Nutrition For HIV/AIDS Patients
Bechan SHARMA (India)
- 9:50-10:10 Nutraceutical, Dietary and Exercise Interventions to support Cardiovascular Health in Breast Cancer
Khara LUCIUS, Kristen TRUKOVA (USA)
- 10:10-10:30 Flavonoids In Beverages: Potential Impact On Health
Lekh Juneija (Japan)

10:30 - 11:00

Coffee- break and visit to the exhibition and the poster session

11:00 - 13:00

Session 7: NUTRITION AND MANAGEMENT OF DISEASES – MALNUTRITION AND CANCER, CLINICAL NUTRITION

Chairmen: JP SHARMA, Ludmila IVANOVA, Toru TAKAHASHI

- 11:00-11:20 Glucosinolates as potential chemopreventive agents
Costas IOANNIDES (UK)
- 11:20-11:35 Nutrition Support For Hospitalized Patients After Bone Marrow Transplantation
Ludmila IVANOVA (Bulgaria)
- 11:35-11:50 Diet Therapy of Patients with Chronic Malnutrition – a 2 Years study
R. POPOVA, D. POPOVA (Bulgaria)
- 11:50-12:05 Effects of intestinal free water and viscosity on glucose absorption
Noriko TAKAKI (Japan)
- 12:05-12:20 Effects Of The Viscosity Of Digesta On The Behavior Of Fat In The Small Intestine
Yuka NOGUCH (Japan)
- 12:20-12:40 Reversal of Morbid Obesity in Adolescents by Combining Laparoscopic Sleeve Gastrectomy with a Multidisciplinary Treatment Program
Gal DUBNOV-RAZ (Israel)
- 12:40-13:00 Significance and Limitations of Measurement Of Viscosity Of Intestinal Contents
Toru TAKAHASHI (Japan)

13:00 - 14:00

Lunch break

13:00 - 13:45

Industry Supported Session

14:00 - 15:45

Session 8: PUBLIC HEALTH NUTRITION AND ENVIRONMENT – HEALTHY LIFESTYLES PROMOTION, PHYSICAL ACTIVITY, ENVIRONMENTAL SUSTAINABILITY

Chairmen: RB SINGH, K. PETKOV, A. SINGH

14:00-14:20 Workshop on Pranayam Breathing,
Have we forgotten how to breath
Dr Mrs Sushav Singh (India)

14:20-14:40 Nutrient and Brain Function
Amrat K SINGH (India)

14:40-14:55 Sources Of Sodium in the Diet of Students from Novi Sad, Serbia
Jelena JOVIČIĆ-BATA (Serbia)

14:55-15:10 Implementing a Complex Methodology for Weight Reduction in
Obese People
Krasimir PETKOV, Valentin PANAYOTOV, Iveta BONOVA, Boriana
PALATOVA, Anna YORDANOVA (Bulgaria)

15:10-15:30 Social Class and all Cause Mortality, In an Urban Population of North
India
JP SHARMA (India)

15:30-15:45 Distribution of Airborne Lead and Cadmium in an Urban City and
Their Possible Effects on Public Health
Raina PAL(India)

16:00 - 16:15

Closing remarks

Friday, 25 October 2013

Europe 2 Hall

8:30 – 10:30

Session 9: NUTRITION THROUGH LIFE COURSE – NUTRITION IN PREGNANCY AND LACTATION, NUTRITION IN INFANCY, CHILDHOOD AND ADOLESCENCE

Chairmen: M. KONSTANTINOVA, Sushav SINGH, W. Douglas

8:30-8:50 Nutritive Intake of N-3 Fatty Acids and Maternity
D. NAIDENOVA, E. PETEVA (Bulgaria)

8:50-9:10 Breastfeeding – nutrition, prevention of chronic diseases and
beyond
Mariana ENEVA (Bulgaria)

9:10- 9:25 Selected Determinants of Sodium intake of Students from Novi Sad,
Serbia
Jelena Jovičić-BATA (Serbia)

- 9:25-9:40 Influence of water drinking on resting energy expenditure in overweight children
Gal DUBNOV-RAZ (Israel)
- 9:40-10:55 Assessment of Nutrition of 400 Infants from Age Range 1-15/30 Months to 11 Months
Prasanta Ranjan BHATTACHARYA (India)
- 10:55-10:10 Diet Including Oily Fish Reduces Cardiovascular Disease Risk Markers In Dyslipidemic Middle-Aged And Elderly Chinese Women
Jian ZHANG (China)
- 10:10-10:30 Effects Of Magnesium On Water Absorption By The Small Intestine
Natsumi YAMAZAKI (Japan)

10:30 - 11:00

Coffee-break

11:00 – 12:50

Session 10: NUTRIENTS AND NUTRITIONAL ASSESSMENT – MACRONUTRIENTS AND MICRONUTRIENTS

Chairmen: Daniel PELLA, Douglas WILSON, Maria NIKOLOVA

- 11:00-11:15 Gamma-glutamyl transferase level is associated with metabolic syndrome and proinflammatory parameters in the young Roma population in East Slovakia: a population based study
Peter JARČUŠKA (Slovakia)
- 11:15-11:35 Association of ambient air fine particles and hospital admission of respiratory and cardiovascular illness in Northern India
Anamika TRIPATHI (India)
- 11:35-11:50 The Association Between Metabolic Syndrome And Hepatitis B Virus Infection In The Roma Population In East Slovakia: A Population-Based Study
Janičko MARTIN (Slovakia)
- 11:50-12:10 Synergy Of Umami Taste Perception In Volatile Fractions Of Soup Stock And Inosinic Acid Or Monosodium Glutamate
Kaori AZENO (Japan)
- 12:10-12:25 Transnasal Percutaneous Endoscopic Gastrostomy Placement using a Small-calibre Endoscope: Safe, Well Tolerated and Effective
Sameer GAGGAR (UK)
- 12:25-12:40 Effects Of Salt On Umami Perception In The Volatile Soup Stock And Imp Fractions
Miki TOKUNAGA (Japan)
- 12:40-13:00 Whey protein in controlling food intake in overweight and obesity
Samir SUKKAR (Italy)

13:00 - 14:00

Lunch break

Poster presentations on 17th WCCN and 7th ICCD

25-26 October 2013 (8:30- 18:00)

1. INFLAMMATORY STATUS OF OBESE MIDDLE-AGED SUBJECTS IS REDUCED AFTER SHORT-TERM ENERGY RESTRICTION DIET
I. Ibero-Baraibar, S. Navas-Carretero, I. Abete, M.A. Zulet, J.A. Martinez (Spain)
2. NUTRACEUTICALS: YIELD FLUCTUATIONS DUE TO GENOTYPE X ENVIRONMENT INTERACTIONS AND NEED FOR DEVELOPING LOCALLY ADAPTED CULTIVARS FOR OPTIMAL YIELD
S. K. BASU, R. PRASAD (CANADA)
3. Genomics And Nutrigenomics Of Common Obesity
Maria NIKOLOVA (Bulgaria)
4. Allelic and genotypic frequencies of polymorphic variants in ADIPOQ gene in Bulgarian population
Reni TZVEOVA, Olga BELTCHEVA, Galya NAYDENOVA, Diana PENDICHEVA, Silvia VANDEVA, Petar ATANASOV, Iva PASKALEVA, Radka KANEVA, Vanio MITEV (Bulgaria)
5. Incidence of pulmonary hypertension in patients with thyrotoxicosis
B. KANAZIREV, K. HRISTOZOV, M. BACHVAROVA, M. DIMOVA (Bulgaria)
6. High serum osteoprotegerin levels in males with newly detected prediabetic disturbances and coronary artery disease
M. BOYADZIEVA, K. HRISTOZOV, S. GEORGIEV, R. JORDANOV (Bulgaria)
7. ProMoFasT a new approach to obesity by means of PSMF by tube
Samir SUKKAR (Italy)
8. To find out the to find out the Dietary Habits and Haemoglobin Level and weight forage status (GOMEZ Classification) of Children in the Age Group of Two to Six years Male and Female coming to Aims
Soumen ACHARYA, P. VENUGOPAL (India)
9. Acute and Chronic Effects of Losartan on parameters of autonomic function in patients with hypertension.
Tatjana GIGORIEVIC, Slavica MUTAVDZIN, Jovana PAUNOVIC, Branislav MILOVANOVIC (Serbia)