

Scientific program

16th International Nutrition and Diagnostic Conference

MONDAY, OCTOBER 3, 2016

10.30 - 16.00	Registration
12.00 - 12.15	Opening Ceremony
SESSION 1	Chair:
12.15 - 12.45	L1 Who could benefit from gluten-free diet? Helena Tlaskalová-Hogenová (Czech Republic) OPENING LECTURE
12.45 - 13.10	L2 Celiac Disease Pavel Kohout (Czech Republic)
SESSION 2	Chair:
13.10 - 13.35	L3 Biomarkers in aging research Eugene Jansen (Netherlands)
13.35 - 14.00	L4 Functional, genetic and epigenetic aspects of DNA repair in colorectal carcinogenesis Pavel Vodička (Czech Republic)
14.00 - 14.25	L5 Optimal sequential enrichment trial design with ordered subgroups Ying Yuan (United States)
14.25 - 15.25	Poster Session 1 + Coffee Break
SESSION 3	Chair:
15.25 - 15.45	L6 Cardiovascular events, FGF23 and diet Caterina Brasacchio (Italy)
15.45 - 16.05	L7 Inhibition of warfarin metabolism in human microsomes by bioactive compounds Nadezhda Pilipenko (Sweden)
18.00 - 20.00	Welcome Reception

TUESDAY, OCTOBER 4, 2016

08.00 - 16.00	Registration
SESSION 4	Chair:
09.00 - 09.25	L8 Introduction of IND, current projects and paths of possible cooperation Aleš Horna (Czech Republic)
09.25 - 09.50	L9 Dual retention mode columns enable fast acquisition of three-dimensional HPLC data. Application of the approach to natural antioxidants. Pavel Jandera (Czech Republic)
09.50 - 10.15	L10 On-site analysis in fields of food analysis, nutrition and diagnostics Mirek Macka (Australia)
10.15 - 10.40	L11 The development and implementation of method for the determination of free metanephrines in plasma by the liquid chromatography tandem mass spectrometry (LC-MS/MS) suitable for routine practice in diagnostic laboratory Magdalena Rajská (Czech Republic)
SESSION 5	Chair:
10.40 - 11.05	L12 The microbiome universe and its fascination for the medical community Volker Rusch (Germany)
11.05 - 11.30	L13 Gut microbiota, health and probiotics Alojz Bomba (Slovakia)
11.30 - 11.50	L14 Germ-free and microbiota content modified mice are less susceptible to imiquimod induced inflammation Zuzana Jirásková-Zákostelská (Czech Republic)
11.50 - 12.50	Lunch
SESSION 6	Chair:
12.50 - 13.15	L15 Metagenome to Metabolome: a multi-omic view of nutritional pathways in human gastrointestinal disease Tor Savidge (United States)
13.15 - 13.40	L16 Metabolic phenotyping in nutrition and translational medicine – ready for routine! Ernst Plefka (Austria)
SESSION 7	Chair:
13.40 - 14.05	L17 Beneficial effect of apples on human health Radek Vávra (Czech Republic)
14.05 - 14.30	L18 Biologically active compounds from hops Pavel Dostálek (Czech Republic)
14.30 - 14.50	L19 Influence of the processing on the resistant starch content of sorghum based products Raquel Soares (Brazil)
14.50 - 15.50	Poster Session 2 + Coffee Break
15.50 - 16.10	L20 Evaluation of physicochemical properties, bioaccessibility of phenolics and antioxidant activity of linden herbal tea beverage Ömer Çopur (Turkey)
16.10 - 16.30	L21 Kombucha tea and its health-promoting effects Canan Tamer (Turkey)
16.30 - 16.50	L22 Vitamin D status amongst children residing at high altitude in Himachal Pradesh, India Umesh Kapil (India)
19.00 - 21.00	Boat Tour

WEDNESDAY, OCTOBER 5, 2016

08.00 - 16.00	REGISTRATION
SESSION 8	Chair:
09.00 - 09.25	L23 Nutritional interventions and modulation of the immune response in obese people Emilio Jirillo (Italy)
09.25 - 09.50	L24 The key role of nutritional treatments in the management of metabolic syndrome Torchia Gregorio (United Kingdom)
09.50 - 10.15	L25 Structural information elucidation of a new metmyoglobin reductase purified from porcine myocardium Bangquan Jin (China)
10.15 - 10.40	L26 Control of mucosal homeostasis and intestinal inflammation by dietary protein Ulrich Steinhoff (Germany)
10.40 - 11.05	L27 Discovery of aspergillus-derived acid protease as a novel bifidogenic factor Norihisa Kato (Japan)
SESSION 9	Chair:
11.05 - 11.30	L28 Calculation of nutrient composition of foods according to eurofir Recipe calculation guideline Marie Macháčková (Czech Republic)
11.30 - 11.50	L29 Protocatechuic acid improves insulin sensitivity and inflammation in visceral adipose tissue from obese subjects: a possible role for PTP1B Paulina Ormazabal (Chile)
11.50 - 12.15	L30 The impact of lactic acid bacteria on pork meat quality parameters and biogenic amine contents Aldona Baltusnikiene (Lithuania)
12.15 - 13.15	Lunch
SESSION 10	Chair:
13.15 - 13.40	L31 Newborn screening of inherited metabolic disorders - actual state and perspectives David Friedecký (Czech Republic)
13.40 - 14.05	L32 Newborn screening in the Czech Republic Petr Chrastina (Czech Republic)
14.05 - 14.25	L33 Brazilian immigrant mothers' beliefs and practices related to infant feeding: a qualitative study Ana Lindsay (United States)
14.25 - 15.25	Poster Session 3 + Coffee Break
SESSION 11	Chair:
15.25 - 15.50	L34 Chemoprophylaxis for colorectal cancer, Fasting in oncology Tomáš Bůchler (Czech Republic)
15.50 - 16.15	L35 The biochemical diagnosis of pheochromocytoma: from a paper chromatography to a liquid chromatography with Coulochem detection Pavel Blažíček (Slovakia)
18.00 - 21.00	Social Programme (60 EUR) Sightseeing Bus Tour and Dinner

THURSDAY, OCTOBER 6, 2016

08.00 - 10.00	Registration
SESSION 12	Chair:
09.00 - 09.25	L36 Dried blood spot sampling method in determination of aminoacids, ketoacids, fatty acids and glutathione Lenka Andrlová (Czech Republic)
09.25 - 09.45	L37 Chemiluminescent method for evaluating total antioxidant capacity (TAoC) in biological materials Georgiy Vladimirov (Russia)
09.45 - 10.05	L38 Oxidative stress in blood: methods of diagnostics and clinical research Elena V. Proskurnina (Russia)
10.05 - 10.30	L39 Large-scale molecular detection of microorganisms – molecular microbiomes Soňa Peková (Czech Republic)
10.30 - 10.50	Coffee Break
SESSION 13	Chair:
10.50 - 11.10	L40 Lysozyme contained in donkey milk counteracts stress-induced functional gastrointestinal disorders in mice Sophie Yvon (France)
11.10 - 11.30	L41 Lucigenin enhanced chemiluminescence as a method of estimation of superoxide radical producing ability of mitochondria in tissue Anastasiia Polimova (Russia)
11.30 - 11.50	L42 Novel active peptides derived from wheat germ hydrolysate as putative nutraceuticals preventing calmodulin-dependent protein kinase ii associated diseases Thanutchaporn Kumrungsee (Japan)
11.50 - 12.10	L43 Ameliorative effect of dandelion (<i>Taraxacum officinale</i>) leaves on osteoporosis in female rats Ibrahim Salem Said (Egypt)
12.10 - 12.30	Closing Ceremony