Oral Abstract Presentations

Monday, October 16
15.00 - 16.30 h. - Oral Abstract Presentations: Simultaneous sessions

Oral Presentations Track 1: Advances in Nutrition Research
Room 2 - Libertador C

Chair
Prof. Andrew M. Prentice

MRC Unit. The Gambia & MRC International Nutrition Group. London School of Hygiene and Tropical Medicine. United Kingdom.

Abstracts:

144/350: Contribution of nutritional diversity and food perceptions to food and nutrition security among smallholder farming households in Western Kenya: A case study
Author(s): Mary Ng'endo; Shonil Bhagwat; Gudrun Keding;

144/409: Selenium in commonly consumed foods of Bangladesh
Author(s): Nazma Shaheen; Kazi Turjaun Akhter; Ishrat Nourin Khan; Nafis Md. Irfan; Abu Torab Md. Abdur Rahim;

144/414: Dietary patterns in adolescents aged 18 years: results from the 1993 Pelotas (Brazil) Birth Cohort
Author(s): Juliana dos Santos Vaz; Romina Buffarini; Ana Maria Baptista Menezes; Maria Cecília Formoso Assunção;

144/460: Specific flavonoids intake is inversely associated with breast cancer risk among Chinese women: a case-control study
Author(s): Caixia Zhang; Bo Yan; Fang-Yu Lin; Xiong-Fei Mo; Wei-Ping Luo; Yu-Feng Du;

144/498: Prognostic value of metabolites for predicting responsiveness to nutritional intervention against oxidative stress and inflammation
Author(s): You Jin Kim; Oran Kwon;

144/541: Intake of Marine-derived Omega-3 Polyunsaturated Fatty Acids and Mortality in Renal Transplant Recipients
Author(s): Camilo G. Sotomayor; António Gomes Neto; Ilse G. Pranger; Else van den Berg; Rijk O. B Gans; Sabitha S. Soedamah-Muthu; Gerjan Navis;

144/546: Changes in whole-blood polyunsaturated fatty acids and their predictors during recovery from severe acute malnutrition
Author(s): Esther Babirekere-Iriso; Charlotte Mortensen; Ezekiel Mupere; Maren Rytter; Hanifa Namusoke; Kim F. Michaelsen; André Briend; Ken Stark; Henrik Friis; Lotte Lauritzen;

144/624: Hemoglobin concentrations and anemia prevalence among Congolese children 6-59 months with sickle cell and α-thalassemia hemoglobinopathies
Author(s): Mikaela Barker; Amanda M. Henderson; Kyly C Whitfield; Angela M. Devlin; Esto Bahizire; Pierre Z. Akilimali; Pierrot L. Tugirimana; Erick Boy-Gallego; Tim J. Green; Crystal Karakochuk;

144/629: Association of PPAR gamma gene expression with dietary intake of fat and oil among non-diabetic subjects
Author(s): Emad Yuzbashian; Maryam Zarkesh; Golaleh Asghari; Behnaz Mahmoodi; Mehdi Hedayati; Azitah Zadeh-Vakili; Parvin Mirmiran; Alireza Khalaj; Afsoon Daneshafrooz; Mohammad Safarian;

Oral Presentations Track 2: Nutrition Through Life Course
Room 4 - Libertador A

Chair
Prof. Stefaan de Henauw


Abstracts:

144/419: An Analysis of the Relationship between 25-Hydroxy Vitamin D Levels and Musculoskeletal Health: A Population-Based Study of China’s Elderly
Author(s): Wenzhi Zhao; Ai Zhao; Ignatius Man Yau Szeto; Wei Zheng; Yumei Zhang;

144/504: Winter vitamin D3 supplementation does not increase muscle strength but modulates the IGF-axis and height in young children
Author(s): Charlotte Mortensen; Mølgaard Christian; Hauger Hanne; Kristensen Michael; Camilla T. Damsgaard;

144/557: Maternal alpha-linolenic acid intake is associated with offspring birthweight
Author(s): Melinda Phang Phang; Hasthi Dissanayake; Rowena McMullan; David Celemajer; Jon Hyett; Adrienne Gordon; Michael Skilton;

144/558: A higher-carbohydrate, lower-fat diet during pregnancy is associated with greater gestational weight gain: The GUSTO study

Author(s): Jun Shi Lai; Shu E Soh; See Ling Loy; Michael S Kramer; Lynette PC Shek; Fabian Yap; Kok Hian Tan; Keith M. Godfrey; Yap Seng Chong; Mary Chong;

144/581: Introduction of complementary foods to infants and children by age and ethnicity; national health and nutrition examination survey 2011-2014

Author(s): Elieke Demmer; Christopher Cifelli; Jenny Houchins; Victor Fulgoni III;

144/592: Food intake pattern of school going children aged 3-5 years with and without autism in urban Dhaka, Bangladesh

Author(s): Dilara Jahan; Naushin Atiya; Israt Nourin; Moffashara Sultana Ratna; Syeda Mahsina Akter; Swapan Kumar Roy;

144/608: Prenatal famine exposure and adult cognitive impairment: New evidence from China

Author(s): Ping He; Gong Chen; Xinming Song; Xiaoying Zheng;

144/614: Feasibility and impacts of integrating nutrition interventions into an existing maternal, neonatal, and child health platform in Bangladesh

Author(s): Phuong Nguyen; Sunny Kim; Tina Sanghvi; Zeba Mahmud; Lan Tran; Bachera Aktar; Kaosar Afsana; Edward Frongillo; Marie Ruel; Purnima Menon;

Oral Presentations Track 3: Public Health Nutrition and Environment Room 1 - San Telmo

Chair

Dr. Camila Corvalán-Aguilar

Institute of Nutrition and Food Technology (INTA). University of Chile. Santiago. Chile.

Abstracts:

144/235: The association between insufficient sleep and dietary intake is age- and gender- dependent in Chinese children: a national multi-center study

Author(s): Muqing Cao; Yanna Zhu; Jin Jing; Xiuhong Li; Jingjing Liang; Meixia Dai;

144/418: How does the healthiness of the US food supply compare to international guidelines for marketing to children?
Author(s): Elizabeth Dunford; Shu Wen Ng; Lindsey Smith Taillie;

144/650: Watching TV and food consumption among Brazilian adolescents: PeNSE, 2015

Author(s): Carla Cristina Enes; Luciana Bertoldi Nucci;

144/893: Unmetabolized folic acid and its associations with global DNA methylation, oxidative stress and inflammatory markers: analysis after mandatory fortification of flour with folic acid

Author(s): Josiane Steluti; Aline M. Carvalho; Marcelo M. Rogero; Regina Fisberg; Dirce Marchioni;

144/1046: Quantitative assessment of dietary supplement intake in 77 000 French adults: impact on nutritional inadequacy, excessive intake, and extent of “at risk” practices

Author(s): Bernard Srour; Philippine Fassier; Manon Egnell; Marie-Paule Vasson; Pilar Galan; Lucie Lécuyer; Paule Latino-Martel; Serge Hercberg; Mélanie Deschasaux; Mathilde Touvier;

144/1096: Scientific Production Of The National School Food Program In Brazil: A Systematic Review

Author(s): Daniela Canella; Jhenifer Quadros; Daniel Bandoni;

144/1104: Identifying Sources and Variability of Iodine in Cow’s Milk to Ensure Adequate Dietary Iodine Intakes by the Swiss Population

Author(s): Olivia van der Reijden; Valeria Galetti; Marie Hulmann; Max Haldimann; Patrick Schlegel; Michael Kreuzer; Joël Bérard; Elisa Manzocchi; Michael Bruce Zimmermann; Isabelle Herter-Aeberli;

144/1119: Complementary Feeding in Rural Bangladesh: Outcomes from the Improving Maternal, Neonatal and Child Survival Programme

Author(s): Mahmood Kazi Mohammed; Elora Hossain; Reshma Khanam; Kaosar Afsana;

144/1120: Nutritional knowledge scale for European adolescents using Item Response Theory

Author(s): Thanise Sabrina Souza Santos; Cristina Julian Almarcegui; Betzabeth Slater Villar; Kurt Widhalm; Marcela González-Gross; Raffaela Piccinelli; Luis A. Moreno;

Oral Presentations Track 3: Public Health Nutrition and Environment Room 3 - Libertador B

Chair

Prof. Lluís Serra Majem
Catedrático de Medicina Preventiva y Salud Pública. Director del Instituto Universitario de Investigaciones Biomédicas y Sanitarias. Universidad de Las Palmas de Gran Canaria.

Abstracts:

144/1805: Changes in the composition of the food supply in anticipation of the implementation of the Chilean Law of Food Labeling and Advertising: an INFORMAS-based approach

Author(s): Rebecca Kanter; Marcela Reyes; Boyd Swinburn; Stefanie Vandevijvere; Camila Corvalán-Aguilar;

144/1807: Parents’ cooking skills reduce children’s consumption of ultra-processed foods

Author(s): Carla Adriano Martins; Priscila Pereira Machado; Maria Laura da Costa Louzada; Carlos Monteiro;

144/1808: Efficacy of a Locally-Produced Multiple Micronutrient-Fortified Ready-to-Use Supplementary Food (RUSF) for Children Under Two Years in Cambodia

Author(s): Bindi Borg; Daream Sok; Seema Mihrshahi; Mark Griffin; Chamnan Chhoun; Arnaud Laillou; Jacques Berger; Frank Wieringa;

144/1816: Compatibility between dimensions of sustainable diets (nutritional adequacy, exposure to food contaminant and 30% reduction of greenhouse gas emission): an analysis based on individual diet modeling

Author(s): Matthieu Maillot; Florent Vieux; Rozenn Gazan; Nicole Darmon;

144/1823: Dietary changes needed to reach nutritional adequacy and reduce greenhouse gas emissions by 30% without increasing contaminant exposure: an analysis based on individual diet modeling

Author(s): Matthieu Maillot; Florent Vieux; Nicole Darmon;

144/1856: Nutritional state, nutrient intake and physical activity in primary school children: A representative sample from Sao Paulo, Brazil

Author(s): Milana Dan; Alison Eldridge;

144/1867: Can conditional cash transfer combined with nutritional supplementation play a role in reducing child stunting in rural Mali?

Author(s): Laura Adubra; Sonia Fortin; Yves Kameli; Agnes Le Port; Niamke Ezoua Kodjo; Mathilde Savy; Yves Martin-Prével;
144/1988: MTHFR genotype and its interaction with riboflavin as determinants of blood pressure in pregnant and non-pregnant women

Author(s): Emma O'Sullivan; Kristina Pentieva; Mary Ward; Amy McAuley; Sean JJ Strain; Breige A. McNulty; Janette Walton; Albert Flynn; Helene McNulty;

144/2279: Impact of a cash transfer program targeting the “1000 days period” on low birth weight and growth retardation: a cluster randomized trial in Togo

Author(s): Justine Briaux; Sophie Carles; Yves Kameli; Sonia Fortin; Pascaline Rollet; Renaud Becquet; Yves Martin-Prével; Mathilde Savy;

Oral Presentations Track 4: Nutrition and Management of Diseases
Room 5 - La Pampa

Chair
Prof. Ian A. MacDonald


Abstracts:

144/202: Particle therapy reduces the percentage of weight loss and the incidence of nutrition-related toxicities among head and neck cancer patients

Author(s): Hongwei Wan; Zhihong Zhang; Yu Zhu; Ning Du; Ziying Wang;

144/217: Assessment of trends in nutritional causes of death in developed and developing countries

Author(s): Florence Uchendu;

144/219: The challenges and successes of salt, sugar and fat reduction program to prevent NCDs (Iran experiences)

Author(s): Majid Hajifaraji; Zahra Abdollahi;

144/279: Knowledge, Attitudes and Practices of Herbalists regarding Diarrhea Management

Author(s): Eslam Ali;

144/297: Dietary intake of fibre and gut microbiota is related to lower level of glycoprotein acetylation, a marker of low-grade inflammation, in overweight pregnant women
Author(s): Kati Mokkala; Noora Houttu; Ella Koivuniemi; Kirsi Laitinen;

144/381: Postprandial lipid responses after long-term intake of dairy products varying in fatty acid composition

Author(s): Oonagh Markey; Oonagh Markey; Dafni Vasilopoulou; Kim G. Jackson; Susan Todd; David I. Givens; Julie A. Lovegrove;

144/682: Mucosal levels of IgE+ and IgA+ cells and antibodies in protein deficient rats during Trichinella spiralis infection

Author(s): Cecilia Celeste Vila; Maria Priscila Saracino; Guido Hernán Falduto; Marcela Adriana Calcagno; Anabel Pallaro; Pablo César Baldi;

144/740: NMR metabolomic signatures reveal predictive plasma metabolites associated with long-term risk of developing breast cancer.

Author(s): Lucie Lécuyer; Agnès Victor Bala; Marie-Paule Vasson; Pilar Galan; Serge Hercberg; Bernard Sour; Philippine Fassier; Philippe Savarin; Mathilde Touvier;

144/768: Effect of stigmasterol isolated from the calyxes of bombax costatum on hyperlipidemic albino rats.

Author(s): Ngozi Mercy Nnam; Terhemba Iombor;

Oral Presentations Track 5: Nutrients and Nutritional Assessment
Room 9 - Retiro A

Chair

Dr. Emorn Udomkesmalee

Senior Advisor, Institute of Nutrition. Mahidol University. Thailand. Adjunct Associate Professor, Department of International Health, Johns Hopkins Bloomberg School of Public Health.

Abstracts:

144/214: Women’s Empowerment and The Nutritional Status of children aged between 6-59 months

Author(s): Given Chipili; John Msuya;

144/225: What is nutritional status? Perspective of women in ibadan nigeria

Author(s): Akinkunmi Paul Okekunle; Melefa Moses Omotosho; Godwin Etta Odok; Onoja Matthew Akpa; Isaac Olaoluwa Akinyele;

144/272: Multifortification of bouillon in Central and West Africa: Feasibility & Impact
Author(s): Edwin Habeych; Nicola Galaffu; Patrick Detzel; Alberto Prieto-Patrón; Marie-Chantal Messier; Philippe Duboc;

144/296: Association between Dietary Serine Intakes and Type 2 Diabetes among Chinese Adults in Harbin, China

Author(s): Akinkunmi Paul Okekunle; Ma Hao; Liyan Liu; Xiaoyan Wu; Yanchuan Li; Lixin Na; Songtao Li; Rennan Feng; Ying Li; Chang Hao Sun;

144/359: Comparison of obesity status of school children by body mass index and by body composition using a stable isotope dilution technique in Nairobi City County, Kenya

Author(s): Dorcus Mbithe Kigaru; Cornelia Loechl; Zipporah W. Ndung'u;

144/487: Nutrition-focused Program Improves Readmission Rates of Malnourished Hospitalized Patients Regardless of Discharge Disposition

Author(s): Suela Sulo Sulo; Gretchen VanDerBosch; Wm. Thomas Summerfelt; Jamie Partridge; Refaat Hegazi; Krishnan Sriram;

144/670: Effects of photo-voice approach on 24-hour dietary recall accuracy among University of Ibadan undergraduate students

Author(s): Oluwaseun Ariyo; Fiyinfoluwa Oloyede;

144/679: Validity of bioelectrical impedance analysis in predicting adiposity among 8-11 years old Senegalese school-aged children

Author(s): Adama Dieuf; Ousmane Diongue; Ndé Mégné; Nicole Eliane Yétoundé Idohou-Dossou; Mbeugué Thiam; Pape Malick Sembène; Salimata Wade;

144/757: Perception of printed and digitized photos in the quantification of the GloboDiet-Brazil food portions – results from the VALIDA study

Author(s): Pryscila Gharib Nichelle; Regina Fisberg; Claudia Choma Bettega Almeida; Angelica Maurício; Lenine Maria Garmus; Vanessa Cardoso Mendes; Nadia Slimani; Dirce Marchioni; Suzi Alves Camey; Sandra Crispim;

Oral Presentations Track 6: Functional Foods and Bioactive Compounds
Room 6 - Catalinas

Chair

Prof. Roxana Valdés-Ramos

Faculty of Medicine. UAEM. Toluca. Mexico.

Abstracts:
144/402: Ginseng Oligopeptides Protect Rats Against Binge Drinking–Induced Liver Injury
Author(s): Yong Li; Rui Liu; Ruixue Mao; Meihong Xu;

144/643: 1’-Acetoxychavicol Acetate Ameliorates Age-related Spatial Memory Deterioration by Increasing Serum Ketone Body Production as a Complementary Energy Source for Neuronal Cells
Author(s): Akiko Kojima-Yuasa; Tomiya Yamamoto; Keisuke Yaku; Shiori Hirota; Isao Matsui-Yuasa;

144/675: Bread fortification with microencapsulated vitamin d
Author(s): Carla Andrea Leiva Rodriguez; Sergio Benavides; Wendy Franco; Loreto Rojas;

144/812: Glycogen improves cognitive function in human and mice.
Author(s): Takashi Furuyashiki; Kazuko Kato; RYO KAKUTANI; Hiroshi Kamasaka; Takashi Kuriki;

144/875: Suppression of Postprandial Hyperglycemia by Buckwheat Albumin
Author(s): Hitomi Kumagai; Yusuke Yamaguchi; Kazumi Ninomiya; Shigenobu Ina; Makoto Akao; Hitoshi Kumagai;

Author(s): Imelda Agdeppa; Marcela Saises; Mario Capanzana;

144/990: Oxidation of major catechins in green, black and oolong teas and their corresponding bioactivities
Author(s): Heyuan Jiang; Ulrich H. Engelhardt; Jiangyong Zhang; Weiwei Wang; Liting Shi; Wei Su;

144/992: Accurate quantitation of plasmalogen and related phospholipids by using high performance liquid chromatography coupled with mass spectrometry
Author(s): Yurika Otoki; Shunji Kato; Teruo Miyazawa; Kiyotaka Nakagawa;

144/1131: Maté tea and lipid profile in overweight women under caloric restriction
Author(s): Diego Messina; Virginia Avena; Carolina Kemnitz; Carla Corte; Jessica Mussi; Rafael Perez Elizalde;
Oral Presentations Track 8: Agriculture Food Science and Safety
Room 7 - Retiro C

Chair
Prof. Ángel Gil

Director Executive Committee IUNS ICN 2017. President of the Iberomerican Nutrition Foundation (FINUT). Full Professor at the Department of Biochemistry and Molecular Biology II. Institute of Nutrition and Food Technology. University of Granada. Spain.

Abstracts:

144/216: Comparative growth and selectivity of Escherichia coli O157:H7 on the epicarp from fresh non-leafy vegetables and fruits
Author(s): Mariel Gullian Klanian; Maria José Sánchez Solís;

144/391: What is the quality of school meals in Brazil?
Author(s): Rafaella Camargo; Semiramis Domene;

144/518: Assessment of nutritional quality and safety of winged termites (Macrotermes bellicosus) enriched locally formulated complementary foods from South-West, Nigeria
Author(s): Ajayi Kayode; Adepoju Oladejo Thomas;

144/572: Greater improvements in child growth and diet quality after a holistic community development intervention than after nutrition training alone
Author(s): Laurie Miller; Neena Joshi; Mahendra Lohani; Beatrice Rogers; Shubh Mahato; Sumanta Neupane; Shibani Ghosh; Shailes Neupane; Patrick Webb;

Author(s): Paula Dominguez Salas; Amy Webb-Girard; Rebecca Jones; Luke Korir; Ilana G. Raskind; Alessandra Galie; Nils Teufel; Kathryn M. Yount; Isabelle Baltenweck;

144/1391: Sensory acceptability of iron biofortified beans and orange fleshed sweet potato in Malawi
Author(s): Marijke Hummel; Elise Francina Talsma; Ati Van der Honing; Rodah Morezio Zulu; Arthur Chibwana Gama; Daniel Van Vugt; Charles Spillane;

144/1487: Rural-Urban Dynamics in Nutrient Consumption: Evidences from India
Author(s): Sendhil Ramadas; Ramasundaram Palanisamy; Sheela Kharkwal;
144/1517: Reducing Effect of Hawthorn Extract on Heterocyclic Aromatic Amines Formation in Meatball

Author(s): Mercan Merve Tengilimoglu Metin; Mevlude Kizil;

144/1924: Livestock rearing and depression in adolescents are associated with their mental development in the Kassena-Nankana district of Ghana

Author(s): Husein Mohammed; Frances Aboud; Gloria Otoo; Grace Marquis;

Oral Presentations Track 7: Food Culture Practices and Nutritional Education
Room 8 - Retiro B

Chair

Dr. U. Ruth Charrondiere

Abstracts:

144/295: Local Insights into the Nutrition of Hill Tribe Children Under Five Years in Northern Thailand: Before and After an Agriculture Intervention

Author(s): Anna Roesler; Lisa Smithers; Vivienne Moore;

144/906: “Dorm Foods”: a web-based nutrition intervention with Brazilian college students

Author(s): Gabriela Milhassi Vedovato; João Gabriel Sanchez Tavares da Silva; Alanis Amorim Angotti; Luana Cardozo Silva; Fabricio Gobetti Leonardi;

144/1115: Translating focused ethnographic study findings into design and implementation of behavior change communication intervention in Kenya

Author(s): Catherine Macharia-Mutie; Christine Nyaga;

144/1224: Food Production and Consumption Diversity and its Linkages in India-An Empirical Analysis

Author(s): Venkatesh Palanisamy; Sangeetha Vellaichamy; Premlata Singh;

144/1242: Type of Nutrition Facts Panel (NFPs) on packaged food products and their comprehensibility by the consumers

Author(s): Meenu Singh; Suneeta Chandorkar;
144/1334: Breaking fresh ground on adopting sustainable diets: Assessment of using consumer participation to develop tools for bridging the intention-behaviour gap
Author(s): Leonie Fink; Angelika Ploeger; Carola Strassner;

144/1348: Assessing the value of eating patterns as markers of diet quality in a resource-constrained setting
Author(s): Corey O’Hara;

144/1564: Does peer counseling promote appropriate infant feeding and better growth in infants in urban slums in Bangladesh?
Author(s): Gulshan Ara; Mansura Khanam; Nowshin Papri; Iqbal Kabir; Michael Dibley;

144/1598: Developing a voice messaging intervention to improve nutrition in a large-scale horticulture intensification project in Senegal
Author(s): Shauna Downs; Jessica Fanzo;

Oral Presentations Iberoamerican Topics
Room 10 - Auditorium

Chair
Dr. Durval Ribas Filho
MD. PhD. Faculdade de Medicina da Fundação Padre Albino. President of Brazilian Association of Nutrology (ABRAN). Brazil.

Abstracts:

144/240: Nutrition effect on growth in preterm infants
Author(s): María José Aguilar Cordero; Antonio Manuel Sánchez López; Raquel Rodríguez Blanque; Inmaculada García García; Norma Mur Villar; Ignacio Valverde Benítez; Juan Carlos Sánchez García; Julio Latorre García; Manuel Capel Tuñón;

144/241: Lipid profile and functional activity of bioactive peptides in human milk
Author(s): Laura Baena García; Antonio Manuel Sánchez López; Rafael Giménez Martínez; Silvia Sánchez Hernández; Jessica Pamela Noack Segovia; María Cristina Levet Hernández; María José Menor Rodríguez; Laura Cobo Viedma; Rafael Guisado Barrilao; María José Aguilar Cordero;

144/376: Early-life risk factors and their combined effects as predictors of overweight in Spanish children
Author(s): Isabel Iguacel Azorín; Laura Escartín; Juan Miguel Fernández-Alvira; Iris Iglesia Altaba; Idoia Layabén; Luis A. Moreno; María Pilar Samper; Gerardo Rodríguez Martínez;
144/474: Metabolically unhealthy obesity in Spanish prepubertal children and its association with cardiovascular risk biomarkers
Author(s): Azahara Iris Rupérez; Josune Olza; Mercedes Gil-Campos; Maria Rosaura Leis Trabazo; Gloria Bueno; Concepción M. Aguilera; Ángel Gil; Luis A. Moreno;

144/483: Sugary drinks consumption and abdominal obesity in adolescents: a Brazilian cohort study
Author(s): Adélia Costa Pereira De Arruda Neta; Iara Francisca Rodrigues; Juliana Araújo Teixeira; Bartira Gorgulho; José Cazuza F. Júnior; Flávia Emília Lima; Dirce Maria Marchioni;

144/514: Effect of supplementation with fish-oil omega-3 polyunsaturated fatty acids on adipokines in subjects with type 2 diabetes mellitus in Mexico.
Author(s): Roxana Valdés-Ramos; María Gorety Jacobo-Cejudo; Ana Laura Guadarrama-López; Rosa Virgen Pardo Morales; Beatriz Elina Martinez-Carrillo; Laurence S. Harbige;

144/958: Antioxidant activity and availability of polyphenols in fruits and vegetables of major consumption in the Peruvian population
Author(s): Roxana Carla Fernández Condori; Fernando Ramos-Escudero;

144/1095: Therapeutic Patient Education in type 2 Diabetes: Impact on healthy nutrition habits, empowerment and glycemic control
Author(s): María Lidia Ruiz Morosini; María Lidia Ruiz Morosini; Eva López González;

144/1150: Investigating attributes caregivers associate with complementary feeding to promote small quantity lipid-based nutrient supplement (SQ-LNS) in Colombia: Formative research for the SPOON project
Author(s): Tiffany Gust Duque; Ines Jennifer Bernal Rivas; Wendy Gonzalez; Marieke Vossenaar; Anabelle Bonvecchio Arenas; Gretel Pelto; Alison Tumilowicz;

Tuesday, October 17
15.00 - 16.30 h. - Oral Abstract Presentations: Simultaneous sessions

Oral Presentations Track 1: Advances in Nutrition Research
Room 2 - Libertador C
Chair
Prof. Noel W. Solomons
Centre for Studies of Sensory Impairment, Aging and Metabolism (CeSSIAM). Guatemala.
Abstracts:

144/631: Carbohydrate intake is associated with higher apelin gene expression in visceral and subcutaneous adipose tissues

Author(s): Emad Yuzbashian; Maryam Zarkesh; Golaleh Asghari; Behnaz Mahmoodi; Afsoon Daneshafroz; Mehdi Hedayati; Azitah Zadeh-Vakili; Parvin Mirmiran; Kimia Tabaei; Alireza Khalaj;

144/644: Comparison between energy intake and expenditure using accelerometers in large scale disaster scenarios

Author(s): Nao Koizumi; Hitomi Ogata; Naomi Omi;

144/661: Effect of maternal micronutrient supplementation in pregnancy on the intellectual development of adolescents: long-term follow-up evaluation based on a randomized controlled trial in rural China

Author(s): Zhonghai Zhu; Lingxia Zeng; Mohamed Elhoumed; Guobin He; Wenhao Li; Min Zhang; Wenjing Li; Danyang Li; Sintayehu Tsegaye; Yue Cheng;

144/752: Habitual physical activity are associated with relative apelin gene expression in adipose tissues

Author(s): Behnaz Mahmoodi; Afsaneh Shemshaki; Maryam Zarkesh; Parvin Mirmiran; Mehdi Hedayati;

144/761: Anti-steatotic effects of docosaexaenoic acid and hydroxytyrosol in the liver of mice fed a high-fat diet: PPAR-α and Nrfl2 up-regulation, and of SREBP-1c and NF-κB down-regulation

Author(s): Rodrigo Wladimir Valenzuela Báez; Francisca Echeverria; Sandra Anakaren Soto Alarcón; Paula Orellana; Miguel Ángel Rincón-Cervera; Romina Vargas; Alfonso Valenzuela; Luis A. Videla;

144/803: The FADS genetic variants, fish intake and long term weight change: results from the Singapore Chinese Health Study

Author(s): Tao Huang; Woon Puay Koh;

144/866: Structural Information Elucidation of a New Metmyoglobin Reductase from Porcine Myocardium

Author(s): Bangquan Jin; Yadong Li; Yu Tang;

144/889: Handbook for conducting clinical trials with dietary supplements of natural origin

Author(s): Zuleika Casamayor Laime; Raquel Castanedo Valdés; Adalberto Adalberto;

144/1225: Calcium-Iron interaction: A New Approach About The Expression Of Genes And Proteins Involved In Non-Heme Iron Absorption In Small Intestine

Author(s): Julián Herrera Mejía; Julián Herrera Mejía; WILDEMAN ZAPATA; Vanessa Corrales-Agudelo; MANUEL OLIVARES GROHNERT; Diego Gaitan-Charry;

Oral Presentations Track 2: Nutrition Through Life Course
Room 4 - Libertador A
Chair
Prof. Helmut Heseker

Abstracts:

144/660: A Program Impact Pathways Mediation Analysis of a Multi-sectoral Nutrition Program in Nepal
Author(s): Jowel Choufani; Andrew Kennedy; Kenda Cunningham;

144/696: The role of dairy for the management of muscle mass and function in people aged 50+ years: A systematic review and meta-analysis
Author(s): Tom Wycherley; Malcolm Riley; Welma Stonehouse; Pennie Taylor; Grant Brinkworth; Natalie Luscombe-Marsh;

144/706: Drivers of Nepal’s success in reducing the prevalence of undernutrition since the mid-1990s: variation by agro-ecological zone
Author(s): Kenda Cunningham; Akriti Singh; Pooja Pandey Rana; Chandni Karmacharya; Derek Headey;

144/725: Maternal cotton-picking during pregnancy is associated with maternal and early infancy nutritional status in rural Pakistan.
Author(s): Rebecca Pradeilles; Elizabeth Allen; Haris Gazdar; Ayesha Mysorewala; Sidra Mazhar; Alan Dangour; Elaine Ferguson;

144/1165: Food access and dietary indicators associated with depression in women of reproductive age in Sylhet, Bangladesh
Author(s): Thalia Sparling; Jillian Waid; Amanda Wendt; Sabine Gabrysch;

144/1194: High-protein exposure during gestation – Consequences on food preferences and health in adult rat offspring in self-selection models
Author(s): Gabrielle Carlin; Catherine Chaumontet; Nicolas Darcel; François Blachier; Andrea Kodde; Annemarie Oosting; Daniel Tomé; Anne-Marie Davila;

144/1198: Relation between diet, nutritional status, and stimulation and child development: a path analysis
Author(s): Leila Larson; Patricia Bauer; Reynaldo Martorell;

144/1325: Pre- and Post-natal Lipid-Based Nutrient Supplements and Cognitive, Socioemotional and Motor Function in Preschool-aged Children in Ghana
Author(s): Maku Eugenia Ocansey; Elizabeth Prado; Rebecca R. Young; Seth Adu-Afarwuah; Sika Kumordzie; Harriet Okronipa; Brietta Oaks; Kathryn G. Dewey;

144/1699: Dietary patterns and changes in frailty status - The Rotterdam Study
Author(s): Josje Schoufour; Sandra de Haas; Ester de Jonge; Trudy Voortman; Jolien Steenweg-de Graaff; Jessica Kiefte-de Jong; Oscar Franco; Arfan Ikram; Josje Schoufour;
Oral Presentations Track 3: Public Health Nutrition and Environment
Room 1 - San Telmo

Chair
Prof. Ricardo Uauy


Abstracts:

144/1174: Association of dietary intake of polyunsaturated fatty acids and mortality: a Sino-American national joint study of CHNS and NHANES
Author(s): Jingjing Jiao; Pan Zhuang; Wenqiao Wang; Jun Wang;

144/1199: Changes in anaemia prevalence and programmatic coverage among children aged 6 to 59 months in Karamoja between 2006 and 2016
Author(s): Alex Mokori; Alex Mokori; Rebecca Kwagala; Gracious Ahumuza;

144/1205: Impact of community health clubs on child diarrhoea, nutritional status, and water quality in western Rwanda: cluster-randomised controlled trial
Author(s): Sheela Sinharoy; Wolf-Peter Schmidt; Ronald Wendt; Leodomir Mfura; Erin Crossett; Karen A. Grépin; William Jack; Bernard Ngabo Rwabugiri; James Habiyarimana; Thomas Clasen;

144/1395: Does context influence Brazilian workers’ Body Mass Index? Results from the ELSA-Brasil study baseline
Author(s): Paulo Cesar Pereira de Castro Junior; Aline Araújo Nobre; Inês Rugani Ribeiro de Castro; Dora Chor; Rosane Härter Griepe; Leticia de Oliveira Cardoso;

144/1492: Nordic diet, Mediterranean diet, and the risk of chronic diseases: the EPIC-Potsdam Study
Author(s): Cecilia Galbete Ciaurriz; Janine Kröger; Franziska Jannasch; Lukas Schwingsack; Carolina Schwedhelm; Khalid Iqbal; Cornelia Weikert; Heiner Boeing; Matthias Schulze;

144/1554: The contribution of micronutrient deficiencies to anemia and red blood cell (RBC) folate insufficiency among non-pregnant women of childbearing-age (WCBA) in Belize
Author(s): Jorge Rosenthal; CJ Alverson; Michael Cannon; Natalia Largaespada;

144/1595: Implementing Food-Based Dietary Guidelines to guide policies, programmes and nutrition education
Author(s): Ramani Wijesinha Bettoni; Ashraf Khosravi; Yenory Hernandez-Garbanzo; Jane Sherman; Melissa Vargas; Ana Islas Ramos;

144/1647: Serum pentadecanoic acid, a biomarker of dairy fat intake, is associated with lower risk of incident cardiovascular disease and all-cause mortality in Swedish men and women
Author(s): Matti Marklund; Karin Leander; Max Vikström; Federica Laguzzi; Bruna Gigante; Per Sjögren; Tommy Cederholm; Ulf de Faire; Mai-Lis Hellénius; Ulf Risérus;

144/1665: The differences of lipid profiles between the only children and non-only children: A national survey in China

Author(s): Bingjie Ma; Lizi Lin; Jin Jing; Li Cai;

Oral Presentations Track 3: Public Health Nutrition and Environment
Room 3 - Libertador B

Chair
Prof. Benjamin Caballero

Bloomberg School of Public Health. Johns Hopkins University. Maryland. USA.

Abstracts:

144/2293: Can UNICEF’s Community Infant and Young Child Feeding Counselling Package be successful at scale? Results from a large-scale evaluation in Nigeria

Author(s): Sascha Lamstein; Susan, MPH, SPRING Project Adeyemi; Emily Stammer; Peggy Koniz-Booher; Christine Kaligirwa; Chris Osa Isokpunwu; France Begin; Babajide Adebisi; Rafael Perez-Escamilla;

144/2305: Level of implementation of best practice policies for creating healthy food environments: an assessment by independent (academia, civil society and legislators), government, and private sector actors

Author(s): Karina Sánchez-Bazán; Claudia Nieto Orozco; Estefanía Rodríguez-Martínez; María Lizbeth Tolentino Mayo; Stefanie Vandevijvere; Simon Barquera;

144/2311: Reliability of Hemocue® on the anemia diagnostic in under five years old children

Author(s): Inês Rugani Ribeiro de Castro; Alessandra Pereira; Ana Carolina Feldenheimer; Milena Moraes;

144/2321: Fruit and vegetable consumption in eight Latin-American countries: results from ELANS study

Author(s): Lilía Yadira Cortés Sanabria; Agatha Nogueira Previdelli; Atilio Rigotti; Irina Kovalskys; Viviana Beatriz Guajardo; Georgina Gómez Salas;

144/2339: Addressing dietary diversity by scaling up multi-sectoral integrated nutrition interventions in Africa

Author(s): Altrena Mukuria; Tim Williams; Lidan Du; Sara Hogan; Edward Bonku; Bob de Wolf; Babajide Adebisi; Robert Mwadime;

144/2353: Lactation Management Center Facilitated by the Bangladesh Breastfeeding Foundation: an Attempt with Prudential Outcome

Author(s): Swapan Kumar Roy; Most Khurshid Jahan; Ferdous Ara; Shampa Halder;

144/2367: Anemia in women and children in Uttar Pradesh, India: the contribution of nutritional, environmental, infectious, genetic, and underlying social determinants
Author(s): Leila Larson; Tinku Thomas; Anura Vishwanath Kurpad; Reynaldo Martorell; Hoddinott John; Sumathi Swaminathan; Lynnette M. Neufeld;

144/2370: Increasing waist circumference of Indian school children: Where should the action be?

Author(s): Tinku Thomas; Rebecca Kuriyan Raj; Anura Vishwanath Kurpad; S.V. Subramanian;

144/2371: Role of folate and the metabolically related B-vitamins in brain health in older adults: The TUDA Study

Author(s): Katie Moore; Catherine Hughes; Leane Hoey; Mary Ward; Kirsty Porter; Sean JJ Strain; Anne Molloy; Conal Cunningham; Kristina Pentieva; Helene McNulty;

Oral Presentations Track 4: Nutrition and Management of Diseases
Room 5 - La Pampa

Chair

Prof. Paulo Giorelli

MD. Ms. International Colleges for the Advancement of Nutrology (ICAN). Brazil.

Abstracts:

144/868: Blue mussel (Mytilus Edulis) intake decreases disease activity (DAS-28 CRP) in female patients with Rheumatoid Arthritis: results from a randomized cross-over dietary intervention

Author(s): Helen Lindqvist; Inger Gjertsson; Tove Eneljung; Anna Winkvist;

144/1043: Tenomodulin genetic variants on the X chromosome are associated with childhood obesity

Author(s): Augusto Anguita-Ruiz; Josune Olza; Azahara Iris Rupérez; Rocío Vázquez-Cobela; Mercedes Gil-Campos; Luis A. Moreno; Ángel Gil; Gloria Bueno; Maria Rosaura Leis Trabazo; Concepción M. Aguilera;

144/1044: Functional Biomarkers of Vitamin B6 Deficiency and Mortality in Renal Transplant Recipients

Author(s): Isidor Minovic; Anna van der Veen; Martijn van Faassen; Else van den Berg; Jenny Kootstra-Ros; Johanna Geleijnse; Manfred Eggersdorfer; Gerjan Navis; Ido Kema; Stephan Bakker;

144/1055: Effects on diet intake from the Healthy Start primary intervention

Author(s): Jeanett Friis Rohde; Sofus Christian Larsen; Lars Ångquist; Nanna Julie Olsen; Maria Stougaard; Erik Lykke Mortensen; Berit Lilienthal Heitmann;

144/1072: Fasting and restrictive diet to lose weight among cancer survivors: profiles, sources of nutritional information, knowledges and opinions: results from the NutriNet-Santé cohort

Author(s): Philippine Fassier; Bernard Srou; Laurent Zelek; Marina Touillaud; Patrice Bachman; Patrice Cohen; Bruno Raynard; Lucie Lécuyer; Paule Latino-Martel; Mathilde Touvier;
144/1088: Rehabilitation of infants under-6 months old with severe acute malnutrition: a randomized, clinical trial of three recovery diets: Infant formula, F-100 diluted and F-100

Author(s): M Munirul Islam; Sayeeda Huq; Md Iqbal Hossain; Tahmeed Ahmed;

144/1177: Genetic Polymorphism of PPAR Gamma modified the effects of metformin on BMI z-score in obese children

Author(s): Belén Pastor-Villaescusa; Augusto Anguita-Ruiz; María Dolores Cañete; Raúl Hoyos; José Maldonado; Gloria Bueno; María Rosaura Leis Trabajo; Ángel Gil; Ramón Cañete; Concepción M. Aguilera;

144/1269: Overweight/obesity and gastrointestinal symptoms in chilean celiac patients at the time of the diagnosis.

Author(s): Alejandra Parada; Constanza Méndez; Carolina Aguirre-Polanco;

144/1593: Dietary Approach to Stop Hypertension (DASH) diet is associated with a lower risk of renal function loss and all-cause mortality in renal transplant recipients

Author(s): Maryse Osté; António Gomes Neto; Eva Corpeleijn; Rijk O. B Gans; Else van den Berg; Sabita S Soedamah-Muthu; Douwe Postmus; Daan Kromhout; Gerjan Navis; Stephan Bakker;

Oral Presentations Track 5: Nutrients and Nutritional Assessment
Room 9 - Retiro A

Abstracts:

144/999: Development of Chinese Dietary Index for Preventing Non-communicable Chronic Diseases and its relationship with underlying risk of major chronic diseases

Author(s): Xiaoming Su; Ruonan Duan; Yanbo Zhang; Weijia Lu; Mingzhe Yang; Hongmei Xue; Yan Liu; Guo Cheng;

144/1022: Nutritional status of below 3 years children and Infant and Young Child feeding practices in India-Findings of National Nutrition Monitoring Bureau (NNMB) Survey

Author(s): Meshram Indrapal; Nagalla Balakrishna; HariKumar R; Mallikharjun Rao K; Arlappa N; AvulajJIMEEZ4 Laxmaiah;

144/1031: Acceptability and efficacy of ready-to-use-therapeutic-food using soy protein isolate in under-5 children suffering from severe acute malnutrition in Bangladesh: a double blind randomized intervention

Author(s): Md Iqbal Hossain; Sayeeda Huq; M Munirul Islam; Tahmeed Ahmed;

144/1078: Reported dietary intake and food sources of zinc, selenium, and vitamins A, E and C in the Spanish population: findings from the ANIBES Study

Author(s): Josune Olza; Javier Aranceta Bartrina; Marcela González-Gross; Rosa M Ortega; Lluis Serra-Majem; Gregorio Varela-Moreiras; Ángel Gil;
144/1371: DIET QUALITY INDEX ASSOCIATED WITH DIGITAL FOOD GUIDE – 2017: UPDATE AND VALIDATION

Author(s): Semiramis Domene; Simone Caivano;

144/1416: Prevalence of iron deficiency anemia in non-pregnant women of reproductive age living in Kuala Lumpur, Malaysia

Author(s): Abeer Aljaadi; Ru En How; Su Peng Loh; Shannon Hunt; Crystal Karakochuk; Susan I Barr; Angela Devlin; Geok Lin Khor; Tim J. Green;

144/1520: New middle European reference values for dietary protein intake in the elderly

Author(s): Peter Stehle; Helmut Oberritter; Margrit Richter;

144/1563: Impact of micronutrient powders combined with malaria chemoprevention on anemia, malaria and cognitive development: a cluster-randomized study in Malian children

Author(s): Niele Hawa Diarra; Natalie Roschnek; Sian Clarke; Moussa Sacko; Yahia Dicko; Hans Verhoef; Renion Saye; Sham Lal; Lauren Pisani; Michael Boivin;

144/1636: A novel 129I tracer method for the assessment of iodine fractional absorption and thyroidal uptake in humans

Author(s): Valeria Galetti; Olivia van der Reiijden; Andrea Mannhart; Adam Krzystek; Christophe Zeder; Maria Andersson; Isabelle Herter-Aeberli; Michael Bruce Zimmermann;

Oral Presentations Track 6: Functional Foods and Bioactive Compounds
Room 6 - Catalinas

Chair

Dr. Vishwashwaraiah Prakash

Distinguished Scientist of CSIR-INDIA. Vice President of IUNS. India.

Abstracts:

144/1259: Iron and zinc concentration in wheat cultivars from the South Brazilian recommended list

Author(s): Pedro Luiz Scheeren; José Luiz Viana de Carvalho; Marília R Nutti; Eduardo Caierão; Ricardo Lima de Castro; Marcio Só e Silva; Martha Zavariz de Miranda;

144/1308: Potential of the polyphenol, cyanidin 3-O-glucoside, in preventing cardiovascular defects in an animal model of hypertensive heart disease

Author(s): Thomas Netticadan; Basma Aloud; Pema Raj; Jason McCallum; Christopher Kirby; Xavier Louis; Todd Duhamel; Jeffrey Wigle; Heather Blewett; Thomas Netticadan;

144/1327: Impact of omega-3 fatty acids in quantitative and qualitative features of lipoprotein of Brazilian smokers and non-smokers

Author(s): Nagila Damasceno; Nagila Damasceno;

Author(s): Aimilia Emilia Papakonstantinou; Theodora Gourdomichali; Ioanna Kardara;

144/1729: Regular consumption of functional oil enriched with omega 3 fatty acids from fish oil improves the body composition and the blood lipid profile in obese people.

Author(s): Laura M Bermejo; Samara Palma-Milla; Bricia Lopez-Plaza; Marlyn Valero-Perez; Marina Morato-Martinez; Carmen Gómez-Candela;

144/2006: Evaluating the Effect of Double Fortified Salt on Multiple Markers of Iron Status in Children and Adults: A Systematic Review and Meta-analysis

Author(s): Jo-Anna Baxter; Mahdis Kamali; Michelle Gaffey; Zulfiqar Bhutta;

144/2035: Effects of conjugated α-linolenic acids (CLNAs) from pomegranate and bitter gourd seed oils on inflammatory parameters in RAW 264.7 cell cultures

Author(s): José Augusto Gasparotto Sattler; Luciana Yoshime; Illana Louise Melo; Eliane Carvalho; Jorge Mancini-Filho;

144/2127: Title: Determination of partial content of phenolic content and antioxidant activity in chia seeds (Salvia hispanica L.)

Author(s): Blanca Edelia Gonzalez; Abad Arturo López Hernández; Ana Sofía Ortega Villarreal; Ariadna Berenice González Trejo;

144/2183: Effect of the stimulation with (−)-epicatechin on gene expression in HUVEC cells.

Author(s): Maria Elizabeth Tejero; Sandra Sulser-Ponce de León; Paloma Barrera-Reyes; Estela D’Abril Ruiz-Leyja; Felipe Vadillo-Ortega;

**Oral Presentations Track 7: Food Culture Practices and Nutritional Education**

**Room 8 - Retiro B**

**Chair**

Prof. Malgorzata Schlegel-Zawadzka


**Abstracts:**

144/1764: Promoting food label information reading skills among urban adolescents in India - ‘Read-B4-U-Eat’ Study

Author(s): Snehasree Saha; V. Sudershan Rao; VishnuVardahana Rao; M SubbaRao Gavaravarapu;

144/1793: Dietary Adaptation and Attitude To Local Dishes Among Non-Igbo Indigenes Working In Banks And Residing In Two Commercial Cities In Abia State. Nigeria

Author(s): Charles Chiaka Nkwoala; Olachi Pleasure Mark; Elochukwu Stanley Okwarachukwu;
144/2014: Nutrition status and feeding practices among orphaned children in Mexico
Author(s): Claudia Nieto Orozco; Ana Gabriela Maafs Rodriguez;

144/2159: Title: Stressors and coping strategies of infant and young child feeding practices in Rwanda: perceptions of mothers, fathers, grandmothers and community health workers
Author(s): Jeanine Ahishakiye; Laura Bouwman; Ingeborg Brouwer; Eric Matsiko; Maria Koelen;

144/2174: Community video: An adaptable and effective tool for nutrition social and behavior change
Author(s): Sarah Cunningham; Kristina Granger; Peggy Koniz-Booher; Philip Moses;

144/2329: Assessment of a cascade training approach for nutrition: lessons learnt for e-learning in Guatemala
Author(s): Mireya Palmieri; Justine Kavle; Maggie Fischer; Leonel Gomez;

144/2374: Feasibility study of an intervention of gifting chickens for young children in Ethiopia for provision of egg and eggshell
Author(s): Susan Whiting; Anteneh Omer; Demmelash Mulualem; Hank Classen; Hassan Vatanparast;

144/2396: Antenatal nutrition behaviour change communication: change in birthweight in rural Bangladesh
Author(s): Morseda Chowdhury; Michael J. Dibley; Ashraf Alam; Camille Raynes-Greenow;

144/2398: Designing an integrated agriculture and nutrition intervention to improve maternal and child nutrition in rural Bangladesh: A formative research
Author(s): Ashraf Alam; Anowarul Bokshi; Gulshan Ara; Mu Li; Robyn McConchie; Mansura Khanam; Michael Dibley;

Oral Presentations Track 8: Agriculture, Food Science and Safety
Room 7 - Retiro C
Chair
Prof. Zohar Kerem
The Hebrew University of Jerusalem. Israel.

Abstracts:

144/1582: Crop production and livestock production diversity are positively associated with dietary diversity in rural Ugandan women and children aged 6--59 months
Author(s): Shibani Ghosh; Lichen Liang; Nassul Kabunga; Edgar Agaba; Jeffrey Griffiths; Christopher Duggan; Bernard Bashasha; Patrick Webb;

144/1688: Use of a systems-based approach to improve diets and sustainability of food production
Author(s): Gina Kennedy; Jessica E Raneri; Celine Témote; Verena Nowak; Roseline Remans; Jeroen Groot; Shakuntala Thilsted;

144/1759: A hybrid approach: merging agriculture and health-based formative research tools to inform nutrition behavior change interventions among mothers and young children in Sierra Leone

Author(s): Philip Moses; Victor Pinga; Kristina Granger; Hamid Turay; Jenny Pietropaoli; Heather Forrester; Andrew Cunningham;

144/1814: Compatibility of Nano-fibrillated Cellulose to the Physiological Homeostasis in the Gastrointestinal Tract

Author(s): Fumito Tani; Yusuke Nakayama; Miki Yamanoue; Takenobu Ogawa; Michiyo Morishima; Kentaro Abe; Tetsuya Masuda; Takamitsu Tsukahara; Eisaku Kondo; Hiroyuki Yano;

144/2101: Effect of blanching, drying and storage on the functional and microbial analysis of dehydrated carrot.

Author(s): Adefisola Adepeju; Olufunmilola Abiodun; Janet Alapa;

144/2122: Advantages of sugar reduction with blends versus individual steviol glycosides

Author(s): Marcia Petit Petit; Priscilla Samuel;

144/2256: Exposure biomarkers of acrylamide and glycidamide hemoglobin adducts and all-cause and cardiovascular mortality in NHANES 2003-2006

Author(s): Yu Zhang; Jun Wang; Jingjing Jiao; Mengmeng Huang;

144/2359: Does local food availability support implementation of food-based dietary recommendations in northern Ghana?

Author(s): Ilse de Jager; Ken Giller; Ingeborg Brouwer;

Oral Presentations Iberoamerican Topics
Room 10 - Auditorium

Chair

Prof. Nelly Mercedes Zavaleta-Pimentel

National Center of Food and Nutrition at NIH/MOH. Lima. Peru.

Abstracts:

144/1186: Intake of ultra-processed foods in UK according to socioeconomic and demographic characteristics (2008–12)

Author(s): Fernanda Rauber; Maria Laura da Costa Louzada; Euridice Martínez Steele; Christopher Millett; Carlos Monteiro; Renata Levy;

144/1228: Anemia and use of iron supplementation in children living in social vulnerable cities in the South Region of Brazil
Author(s): Débora Leticia Frizzi Silva; Regina Maria Ferreira Lang; Julia Dubois Moreira; Camila Dallazen; Sara Araújo da Silva; Vivian Siqueira Santos Gonçalves; Eduardo Augusto Fernandes Nilson; Doroteia Höfelmann; Márcia Regina Vitolo; Sandra Crispim;

144/1238: Application of a common formative research protocol to develop strategies for behavior change: The SPOON project in Colombia, Guatemala and Mexico

Author(s): Anabelle Bonvecchio Arenas; Wendy Gonzalez; Tiffany Gust Duque; Ines Jennifer Bernal Rivas; Rosario García-Meza; Rocio Alvarado; Marieke Vossenaar; Lynnette M. Neufeld; Gretel Pelto; Alison Tumilowicz;

144/1322: Presence of phytosterols in bee pollen from eucalyptus sp.: identification and evaluation of the impact of the collection period and geolocation

Author(s): José Augusto Gasparotto Sattler; Illana Louise Pereira de Melo; Giovanna Cavanha Corsi; Luciana Tedesco Yoshime; Jorge Mancini-Filho; Ligia Bicudo de Almeida-Muradian;

144/1822: A novel approach to analyse the relationship between physical fitness and biomarkers in older adults

Author(s): Raquel Aparicio Ugartirri; Olga López Torres; Ángel Enrique Díaz; María del Mar Bibiloni; Alicia Julibert; Gonzalo Palacios; Josep Antoni Tur; Marcela González-Gross;

144/1842: Role of microRNAs miR-155 and let-7b on inflammation in THP-1 cells: effects of pro- and anti-inflammatory fatty acids

Author(s): Jose Luiz Marques Rocha; Marcos García-Lacarte; Mirian Samblas García; Josefina Bressan; J. Alfredo Martínez; Fermín M Milagro;

144/1858: Impact of a digital Facebook campaign on the purchase and consumption of food in Mexican families with children under 12 years: a social marketing strategy

Author(s): Anahi Anzo; Petra Klassen; Javier Luna-Carrasco; Jimena Monroy-Gómez;

144/1954: Docohexaenoic acid improves the reduced umbilical vein relaxation observed in the offspring of pregnancies with maternal obesity

Author(s): Marcelo Farias; Roberto Villalobos-Labra; Sandra Solari; Carolina Aguirre-Polanco; Bábara Samith; María José Rojas;

144/2047: Veganism, vegetarianism and bone mineral density: a systematic review and meta-analysis.

Author(s): Isabel Iguacel Azorín; María Luis Miguel-Berges; Alejandro Gómez-Brutón; Luis A. Moreno; Cristina Julian Almarcegui;

**Wednesday, October 18**

**15.00 - 16.30 h. - Oral Abstract Presentations: Miscellaneous Tracks**

**Oral Presentations Miscellaneous Tracks**

**Room 10 - Auditorium**

**Abstracts:**
144/265: Exploring the potential role of breastfeeding in the recovery of acute malnutrition among infants aged below 6 months.

Author(s): Martha Kaeni Mwangome; JAMES BERKLEY; CAROLINE JONES; Grainne Moloney;

144/267: Bioinformatic and cheminformatic approaches in studying bioactive peptides derived from food proteins

Author(s): Anna Iwaniak; Malgorzata Darewicz; Piotr Minkiewicz;

144/416: Eicosapentaenoic acid and docosahexaenoic acid have antidepressant effects with 17β-estradiol injection via regulation of a neurobiological system in ovariectomized rats

Author(s): Yongsoon Park; Jeongeun Choi;

144/686: Stigmasterol Serum Electrolytes Elevating Potentials in Poloxamer-407 Induced Hyperlipidemic Albino Rats

Author(s): Terhemba Iombor; Ngozi Mercy Nnam;

144/1034: Vitamin D supplementation associated with lifestyle intervention enhanced the loss of abdominal fat mass in obese adolescents: a double-blind randomized controlled trial (NCT02400151)

Author(s): Marie Josephe Amiot-Carlin; Christopher Morrissey; Agnes Vinet;

144/1147: Vitamin A and iron content in common complementary and weaning foods for children in North western Tanzania and Central Uganda.

Author(s): Beatrice Ekesa-Onyango; Deborah Nabuuma; Linda Pamminger; Godson Namsifu; Gina Kennedy;

144/1151: Nutritional quality of dried vegetables and vegetable soups

Author(s): Karin Van Het Hof; Christian Grün; Silke Basendowski; Martin Spraul; Leo van Buren; Gabi Vollmer; Rachel Newson;

Thursday, October 19

15.00 - 16.30 h. - Oral Abstract Presentations: Simultaneous sessions

Oral Presentations Track 1: Advances in Nutrition Research
Room 2 - Libertador C

Chair

Dr. Francisco José Mardones Santander

Professor of Public Health. Pontifical Catholic University of Chile. President of the Ibero-American Chapter of the DOHaD Society. Chile.
Abstracts:

144/1836: Identification of blood cell transcript levels of Pomc and Agrp in the offspring of gestational calorie restricted rats as potential biomarkers of predisposition to impaired energy homeostasis control

Author(s): Nara Szostaczuk; Evert van Schothorst; Juana Sánchez; Teresa Priego; Melissa Bekkenkamp-Grovenstein; Jaap Keijer; Andreu Palou; Catalina Picó;

144/1843: Association between Food Insecurity and nutritional status of adult woman

Author(s): VENKAYYA KODAVALLA; Meshram Indrapal; Longvah T; Harriet Kuhnlein; Phrang Roy;

144/1854: Modernizing Dietary Assessment

Author(s): Isabel García Perez; Joram M Posma; Rachel Gibson; Edward S Chambers; Jeremy K Nicholson; Elaine Holmes; Gary Frost;

144/1903: An epigenome-wide association study (EWAS) of obesity-related traits

Author(s): Kim Braun; Klodian Dhana; Jana Nano; Trudy Voortman; Joyce van Meurs; Andre Uitterlinden; Albert Hofman; Oscar Franco; Abbas Dehghan;

144/2110: Short term effect of early overnutrition in the transcriptome of Wistar rat hypothalamus (Rattus norvegicus).

Author(s): Miguel Angel Espinoza Camacho; Gerardo Sánchez-Garcia; Carlos Javier López-Victorio; Alfredo Varela-Echavarria; Jorge Tonatiuh Ayala-Sumuano; Luis Antonio Castro-Reyes; Elena González-Zambrano; Maria Elizabeth Tejero; Enrique Hong-Chong; Laura del Bosque-Plata;

144/2299: Do measures of sweet taste intensity and hedonic liking of glucose play a role in dietary intake of sweet food?

Author(s): Marilize Richter; Guojiao Cao; Shakeela Jayasinghe; Rozanne Kruger; Breier Bernhard; Daniel Walsh;

144/2500: High-fat diet disrupts peripheral circadian clocks in white and brown adipose tissues

Author(s): Dongyang Li; Tomomi Yamazaki;

144/2673: Application of a new challenge method: Improving metabolic resilience with wholegrain wheat products

Author(s): Johanna H.M. Stroeve; Femke P.M. Hoevenaars; Iris de Hoogh; Diederik Esser; Sophie Schutte; Marion G. Priebe; Roel Vonk; Jan-Willem van der Kamp; Lydia Afman; Suzan Wopereis;
144/2698: In obese women, increased blood volume and reduced serum iron partially explain the higher risk for iron deficiency.

Author(s): Ana Carla Cepeda Lopez; Alida Melse-Boonstra; Nicole Mettler-Naef; Sandro Manuel Mueller; Marco Toigo; Michael Bruce Zimmermann; Isabelle Herter-Aeberli;

Oral Presentations Track 2: Nutrition Through Life Course
Room 4 - Libertador A

Chair
Prof. Berthold Koletzko
Ludwig-Maximilians-University of Munich. Munich. Germany.

Abstracts:

144/1666: The effect of iodine supplementation in mildly iodine-deficient pregnant women on child development: a randomized controlled trial

Author(s): Sueppong Gowachirapant; Nidhi Jaiswal; Alida Melse-Boonstra; Valeria Galetti; Sara Stinca; Pattanee Winichagoon; Krishnamachari Srinivasan; Michael Bruce Zimmermann;

144/1746: Macronutrient composition of early childhood diet is related to growth and adiposity during childhood

Author(s): Trudy Voortman; Vincent Jaddoe; Oscar Franco;

144/1835: Vegetarian and vegan diets in pre-pubertal Polish children: elucidating benefits and costs in growth, metabolism and cardiovascular risk

Author(s): Desmond Malgorzata; Jakub Sobiecki; Maciej Jaworski; Janusz Ksiazyk; Mary Fewtrell; Jonathan C Wells;

144/1995: Timely counselling as a strategy to improve age appropriate infant and young child feeding (IYCF) practices among mothers from urban slums of Vadodara

Author(s): Suneeta Chandorkar; Priyanka Patil;


Author(s): Hermann Bienou Lanou; Kimberley Bouckaert; Dominique Roberfroid; Patrick Kolsteren; Seni Kouanda; Lieven Huybregts;
144/2638: Infant breastmilk intakes and mothers’ body composition and energy expenditure: a comparative study

Author(s): Eric Matsiko; Paul Hulshof; Laura Van der Velde; Marlou Floor Kenkhuys; Lisine Tuyisenge; Alida Melse-Boonstra;

144/2908: Iodine status in breast milk during the first 12 weeks postpartum in Tianjin, China

Author(s): Wei Wang; Wanqi Zhang; Yu Sun; Wen Chen; Yixin Zhang; Long Tan; Jun Shen; Zhuo Zhao;

144/2971: 10-year risk estimation for type 2 diabetes mellitus in university students in Asunción, Paraguay

Author(s): Natalia Elizabeth Gonzalez Cañete;

144/2978: Development of Multi-sectoral Nutrition Action Plan; Tanzania Experience

Author(s): Joyceline Kaganda; Festo Kavishe;

**Oral Presentations Track 3: Public Health Nutrition and Environment**
**Room 1 - San Telmo**

**Chair**

**Prof. Lynnette M. Neufeld**

*Director of Monitoring, Learning and Research at the Global Alliance for Improved Nutrition (GAIN). Canada.*

**Abstracts:**

144/1668: Impact of the Farmer Nutrition School Intervention on Improved Dietary Diversity of Women: Results of a Cohort Study from the USAID SPRING Project in Bangladesh

Author(s): Aaron Hawkins; Jillian Waid; Md. Mehedi Hasan;

144/1695: Multisectoral nutrition in practice: accelerating stunting reduction through decentralized multisectoral platforms in Yorosso district, Mali

Author(s): Dia Sanou; Roger Sodjinou; Bernard Coulibaly; Bienfait Eca M’Mbakwa; Amadou Traore; Ousmane Traore; Modibo Diarra; Sidi El Moctar Touré; Noel Marie Zagre; Suzanne Gervais; David Pelletier;
144/1703: Alignment of wheat and maize flour fortification standards with WHO recommendations in countries with mandatory fortification.

**Author(s):** Katya Bobrek; Britt Broersen; Nancy Aburto; Aashima Garg; Mary Serdula; Filiberto Beltran Velazquez; Eugene C. Wong; Helena Pachón;

144/1728: Acceptability of a Locally-Produced Multiple Micronutrient-Fortified Ready-to-Use Supplementary Food (RUSF) for Children Under Two Years in Cambodia

**Author(s):** Bindi Borg; Daream Sok; Seema Mihrshahi; Mark Griffin; Chamnan Chhoun; Arnaud Laillou; Jacques Berger; Frank Wieringa;

144/1739: Implementation of a tool to evaluate policy actions and commitments of chain restaurants in Canada

**Author(s):** Marie-Eve Labonte; Gary Sacks; Laura Vergeer; Ella Robinson; Stefanie Vandelivijere; Boyd Swinburn; Mary L’Abbé;

144/1758: The double burden of malnutrition in Colombian pregnant women

**Author(s):** Diego Gaitan-Charry; Efrain Vasquez; Laura Inés González-Zapata; Eliana Perez; Gustavo Cediel;

144/1761: Initial Situation Assessment on School Food and Nutrition in Africa

**Author(s):** Andrea Polo Galante; Josephine Kiamba; Mauricio Mireles; Mawuli Sablah; Mohamed AgBendeche; Dia Sanou;

144/1767: Monitoring of the national oil and wheat flour fortification programme in Cameroon: application of a programme impact pathway framework

**Author(s):** Henry Mark; Jules Quintang Assiene; Hanqi Luo; Martin nankap; Amrita Pattar; David Killilea; Reina Engle-Stone;

144/1777: Dutch food-based dietary guidelines: health and sustainability combined in the Wheel of Five

**Author(s):** Elisabeth Brink; Astrid Postma-Smeets; Annette Stafleu; Danielle Wolvers; Corné Van Dooren; Caroline Van Rossum; Marjolein Geurts; Ido Toxopeus; Mirjam Van de Kamp; Marga Ocke;

**Oral Presentations Track 3: Public Health Nutrition and Environment**

Room 3 - Libertador B
Chair

Prof. Rafael Figueredo Grijalba

University of Asuncion. Paraguay.

Abstracts:

144/2372: Protein intake and the development of type 2 diabetes

Author(s): Trudy Voortman; Zhangling Chen; Oscar Franco; Trudy Voortman;

144/2377: Multisectoral anemia platform strengthening: Lessons learned in Sierra Leone and Uganda

Author(s): Danya Sarkar; Teemar Fisseha; Hillary Murphy; Mary Hodges; Nancy Adero; Sorrel Namaste;

144/2393: Incorporating Fresh Foods in daily meal in Nairobi urban slum schools efforts to increase dietary diversity.

Author(s): Dina Aburmishan; Lara Fossi; Judy Ndungu; Shaun Hughes; Christine Akunaye;

144/2394: Repurposing commercially unacceptable fresh foods in school meals in Nairobi urban slum primary schools

Author(s): Dina Aburmishan; CJ Jones; Marjon Castelijns; Lara Fossi; Shaun Hughes;

144/2408: Egg vs Organic Egg Preferences of Turkish Consumers According To Food Value Scale

Author(s): Elif Esra Ozturk-Duran; Ayse Seyma Erdinc; Derya Dikmen; Basma Ellahi;

144/2636: Food and beverage reformulation would make it easier to reach simultaneously all nutritional recommendations in the French adult population

Author(s): Matthieu Maillot; Lisa Privet; Gabriel Masset;

144/2667: Understanding barriers and facilitators for breastfeeding, donor human milk, and kangaroo mother care among mothers and influencers of preterm and sick neonates in India

Author(s): Kiersten Israel-Ballard; Ruchika Chugh Sachdeva; Jayashree Mondkar; Sunita Shanbhag; Minu Sinha; Aisha Khan; Maya Wankhede; Sudip Mahapatra; Rajib Dasgupta;

144/2840: Using targeted beneficiary surveys to measure nutrition outcomes in low-resource settings following intensive interventions: Examples from the SPRING Project in Bangladesh, Ghana, and Nigeria
Author(s): Timothy Williams; Amanda Pomeroy-Stevens; Altrena Mukuria;

Oral Presentations Track 4: Nutrition and Management of Diseases
Room 5 - La Pampa

Chair

Prof. Duo Li

Qingdao University. China.

Abstracts:

144/1780: Adherence to the 2015 Dutch dietary guidelines and its associations with mortality and incidence of non-communicable diseases in the Rotterdam Study

Author(s): Josje Schoufour; Trudy Voortman; Jessica Kiefte-de Jong; Oscar Franco; Josje Schoufour;

144/1959: Effect of cinnamon on morphology and physiology of liver in rats

Author(s): Mahpara Safdar;

144/2171: Social jet lag, obesity and non-communicable chronic diseases

Author(s): Maria Mota; Catarina Silva; Laura Balieiro; Bruna Fernandes; Jokasta Rocha; Luisa Furlan; Walid Fahmy; Cibele Crispim;

144/2586: Molecular Bases Underlying the chemo preventive Effects of Docosahexaenoic acid

Author(s): Marjan Ajami; Hamidreza Pazoki Toroudi;

144/2647: The association between mindfulness and the metabolic syndrome is modified by history of depression

Author(s): Erika Guyot; Julia Baudry; Benjamin Allès; Serge Hercberg; Pilar Galan; Emmanuelle Kesse-Guyot; Sandrine Péneau;

144/2724: Dietary intake of nutrients and compromised periodontal health: The Concord Health and Ageing Men Project.

Author(s): Kate Millledge; Robert Cumming; Frederick Wright; Vasikaran Naganathan; Fiona Blyth; David Le Couteur; Vasant Hirani;
144/2806: Improving the management of severe acute malnutrition among infants and children through capacity building: findings from an evaluation study with Malnutrition eLearning

Author(s): Sunhea Choi; Ho-Ming Yuen; Reginald Adjetey Annan; Michele Monroy Valle; Andrew Pulman; Nana Esi Aduku; Samuel Kyei-boateng; Trevor Pickup;

144/3017: Effects of biotin status on glycemic control in rats

Author(s): Zhu Wang; Xuesong Xiang; Jiuling Wei; Xuesong Zhang;

Oral Presentations Track 5: Nutrients and Nutritional Assessment
Room 9 - Retiro A

Abstracts:

144/1735: Zinc intakes and dietary sources in an Irish adult population.

Author(s): Yvonne Lenighan; Anne P. Nugent; Janette Walton; Albert Flynn; Helen Roche; Breige A. McNulty;

144/1740: Phytic acid content determines the iron bioavailability from wheat genotypes

Author(s): Yvette Wilda Jyrwa; Ravindranadh Palika; Ananthan R.; Raghu Pullakhandam; Thingninganing Longvah;

144/1755: Measurement of human milk intake using stable isotope in Indian rural infants from birth to 24 months: a longitudinal study

Author(s): Urmila Deshmukh; Tinku Thomas; Sumathi Swaminathan; Anura Vishwanath Kurpad;

144/1790: Estimation of protein requirements in Indian pregnant women using a whole body potassium counter (WBPC)

Author(s): Rebecca Kuriyan Raj; Saba Naqvi; Ninoshka Josephine D’Souza; Meenu Singh; Kishor Bhat; Gaurav Mendiratta; Sachdev HPS; Thomas Preston; Anura Vishwanath Kurpad;

144/2094: Maternal iron absorption and iron transfer to the fetus during pregnancy in normal-weight and overweight/obese women and the effects on infant iron status

Author(s): Nicole Ursula Stoffel; Michael Bruce Zimmermann; Christophe Zeder; Katharina Quack-Loetscher; Isabelle Herter-Aeberli;

144/2501: Retention, Iron Bioavailability and Sensory evaluation of Extruded Rice Fortified with Iron, Folic acid and Vitamin B12
Author(s): Radhika Madhari; Yvette WJ; Raghu P; Elumalai P; Swetha B; Naveen kumar B; Longvah T;

144/2768: Is energy expenditure considered in the literature when energy intake is measured? A need for a methodological consensus

Author(s): Marcela González-Gross; Raquel Aparicio Ugarriza; Sergio Calonge-Pascual; Sonia Gómez-Martínez; Alberto García-Carro; Javier Sanz-Valero; J. Alfredo Martínez; Ángel Gil; Ascensión Marcos; Luis A. Moreno;

144/2887: The prevalence of malnutrition in ENRICH project sites in Bangladesh, Kenya, Myanmar, Pakistan and Tanzania

Author(s): Asrat Tolossa; Abena Thomas; Melanie Gillespie;

144/2898: Adverse effects on thyroid of Chinese children exposed to long-term iodine excess: Optimal and Safe upper intake level of iodine for 7-14-year-old children

Author(s): Wanqi Zhang; Wen Chen; Wei Wang; Cong Du; Yalan Wu; Jiancao Bian; Jun Shen; Laixiang Lin; Long Tan; Xiaoming Wang;

Oral Presentations Track 6: Functional Foods and Bioactive Compounds
Room 6 - Catalinas

Chair

Prof. Hisanori Kato

Project Professor. Organization for Interdisciplinary Research Projects. The University of Tokyo. President of the IUNS 22nd ICN 2021.

Abstracts:

144/2264: Physicochemical, Functional and Nutritional characterization of Raw Flour obtained from different Sweet potato (Ipomoea batatas) and Ñampi (Dioscorea trifida)

Author(s): Rosa Itzela Quintero Montenegro; Ximena Valenzuela; Alejandrino Sevillano; Dayra Rivera;

144/2330: Consumption of milk products with 100% B-casein A2 improves overall gastrointestinal tolerance but had no effect on behavior of mexican children with autism spectrum disorder

Author(s): Karina Alejandra Pedroza García; Dolores Ronquillo; Jorge Raúl Palacios Delgado; Miriam Aracely Anaya-Loyola; Jorge L. Rosado;
144/2476: Total polyphenol content and antioxidant capacity in juice and peel of blueberries (Vaccinium corymbosum) grown in Cañete Valley, Peru.

Author(s): Elena Elizabeth Lon Kan Prado; Edwin Antonio Macavilca Ticlayauri; Carlos Alberto Lon Kan Prado; Carlos Canchos Chipana; Jyothisa Eva-Gina Reyes Veramendi;

144/2487: Effect of deep frying on bioactive components of wheat flour products

Author(s): Jamuna Prakash; Morteza Oghbaei;

144/2509: Epigallocatechin gallate (EGCG) as a natural Bio-active component in protecting the toxicities induced by Lead and Amyloid peptide in Human brain cells

Author(s): Suresh Challa; Rajanna Ajumeera; Neelima Ayyalasomayajula;

144/2678: Recommendation vs. reality: a global assessment of fruit and vegetable intake and variety

Author(s): Keith Randolph; Mary Murphy; Leila Barraj; Judith Spungen; Dena R Herman; Keith Randolph;

144/2691: Effect of aqueous leaves extract from Passiflora alata Curtis and Vitexin, Isoorientin in co-culture of min6/lymphocytes from NOD mice in oxidative stress and cell death

Author(s): Talita Cristina Colomeu; Talita Cristina Colomeu; Daniella De Figueiredo; Priscila De Matos Da Silva; Virginia de Campos Carvalho; Nayara Simon Gonzalez Schumacher; Debora Moitinho Abram; Luis Gustavo Romani Fernandes; Ricardo de Lima Zollner;

144/2695: Effect of aqueous extract of Passiflora alata Curtis, catechin and rutin in proliferation, apoptosis, ERK phosphorylation and AKT signaling pathway of lymphocytes (NOD mice) from co-culture with MIN6

Author(s): Daniella De Figueiredo; Daniella Figueiredo; Talita Cristina Colomeu; Priscila De Matos Da Silva; Virginia de Campos Carvalho; Nayara Simon Gonzalez Schumacher; Debora Moitinho Abram; Luis Gustavo Romani Fernandes; Ricardo de Lima Zollner;

Oral Presentations Track 7: Food Culture Practices and Nutritional Education
Room 8 - Retiro B

Chair
Abstracts:

144/2422: Determinants of adherence to micronutrient powders among children 6-11 months of age in rural Ethiopia.
Author(s): Aregash Samuel; Nindya Putri Pamungkas; Ingeborg Brouwer; Abdul Aziz Adish; Amha Kebebe; Saskia Osendarp;

144/2484: Food and Nutrition Literacy (FNLIT) is associated with dietary habits in children
Author(s): Nasrin Omidvar; Aazam Doustmohammadian; Nastaran Keshavarz Mohammadi; Maryam Amini; Morteza Abdollahi; Hassan Eini-Zinab;

144/2524: Common maternal feeding behaviors in infant feeding difficulties – responsive or coercive?
Author(s): Rachel Machado; Abykeyla Mellisse Tosatti; Gabriela Malzyner; Priscila Maximino Maximino; Cláudia de Cássia Ramos; Ana Beatriz Bozzini; Leticia Ribeiro; Attilio Rigotti;

144/2529: Food and Nutrition Literacy (FNLIT) and its predictors in elementary school children in Iran
Author(s): Aazam Doustmohammadian; Nasrin Omidvar; Nastaran Keshavarz Mohammadi; Maryam Amini; Hassan Eini-Zinab; Morteza Abdollahi; Zeinab Amirhamidi; Saeed esfandiari;

144/2541: Easier to change environments than to change behavior? Rethinking food choice dynamics increase sales of healthy snacks among young people in vocational school canteens
Author(s): Bent Egberg Mikkelsen; Annette Quinto Romani;

144/2562: Illegal commercial sales of infant formula and infant products in Rio de Janeiro City, Brazil.
Author(s): Cristiano Siqueira Boccolini; Maria Inês Couto de Oliveira; LUCILENE AFONSO BERTOLDO; Karine Borges da Silva; Gloria Priscila Nunes Rodrigues;

144/2605: Promotion of local agrobiodiversity improves diets of women and children in North West Vietnam: a cluster RCT
Author(s): Jessica E Raneri; Ky Hoang; Peter Berti; Gina Kennedy; Carl Lachat;
144/2714: Mexican food banks: From alleviating food insecurity to promoting healthy eating habits

Author(s): Ana Carla Cepeda Lopez; Angélica Quiroga Garza; Erika Delgado González; Ana María Vera Sayago; Eduardo Plascencia Mendoza; Ana Cristina Leyva Ramos; Sergio Antonio Banda Cambron; Almendra Ortiz-Tirado Aguilar;

144/2770: Influence of meal cultures on food and nutrition security: a case of African Indigenous Vegetables in Kenya

Author(s): Anne Musotsi; Mary Abukutsa;

Oral Presentations Track 8: Agriculture, Food Science and Safety
Room 7 - Retiro C

Chair
Dr. Xiaoguang Yang


Abstracts:

144/2486: Effect of polishing on content and bioaccessibility of selected minerals from five rice varieties

Author(s): Jamuna Prakash; Vijayalaxmi Kamaraddi;

144/3002: Residual β-carotene and cyanide levels in gari produced from unfermented yellow cassava (Manihot esculenta Crantz) using local processing method

Author(s): Ignatius Onimawo; Victor Onimawo; Osas Alamu;

144/2600: Reorienting food systems towards improving nutrition outcomes: measuring nutritional quality of agricultural production

Author(s): Jessica Bogard;

144/2620: Comparative study of the chemical composition of pine nuts grown in six countries

Author(s): Mariane Lutz; Veronica Loewe; Ángela Zuleta;

144/2657: Operationalizing Multi-Sectoral Coordination and Collaboration Strategies for Improved Nutrition
Author(s): Heather Danton; Samantha Clark; Alyssa Klein; Lidan Du; Sarah Titus;

144/2866: Promotion of biofortified crops to improve micronutrient intake among children under five and women in child bearign age in Tanzania, Pakistan and Bangladesh

Author(s): Asrat Tolossa; Abena Thomas;

144/2967: Performance and carcass characteristics of broiler chickens fed dried cashew apple pulp in replacement for maize.

Author(s): Iyabode Kehinde Yisa; Oyebiodun Grace Longe; Oluseyi Awojulugbe; Olusegun Oshibanjo;

Oral Presentations Iberoamerican Topics
Room 10 - Auditorium

Chair
Dr. Manuel Eduardo Baldeón

Center for Biomedical Research. School of Medicine. Universidad Tecnológica Equinoccial. Quito. Ecuador.

Abstracts:

144/2080: Association of the FTO Fat mass and obesity – associated gene rs9939609 polymorphism with rewarding value of food and eating behavior in Chilean children

Author(s): Ana Maria Obregon Rivas; Jose Luis Santos; Macarena Valladares; Gary Goldfield;

144/2201: Expression modulation of Agtr1a and Bdkrb2 genes in hypertensive rats treated with extract of chia seeds

Author(s): Blanca Edelia Gonzalez; Gerardo Ismael Arredondo Mendoza; Francisco Javier Guzmán de la Garza; Eduardo Campos Góngora;

144/2310: Mapping the availability of Healthy Food in Buenos Aires

Author(s): Leila Yasmin Garipe; Ornella Santoruffo; María Guadalupe Papurello; Sofia Belén Chiavassa; Gabriela Goldsztejn; Natalia Pace; Diego Hernán Giunta;

144/2385: Process evaluation of the cluster randomized controlled trial ACTIVITAL- A school-based health promotion intervention

Author(s): Angelica Ochoa; Angelica Ochoa Avilés; Roosmarijn Verstraeten; Dolores Susana Andrade Tenesaca; Diana Jesús Andrade Muñoz; Patricia Liliana Ramírez Jimbo; Silvana Patricia Donoso Moscoso; Patrick Kolsteren;
144/2520: Comparison between equations to estimate energy requirement for women from Antioquia with excess weight (Colombia)

Author(s): Gloria Cecilia De Ossa Restrepo; Sandro Gómez Maquet; John Edinson Velasquez; Luis Fernando Restrepo; Daniela Rodriguez;

144/2593: Free time, recreation and its relationship with the nutritional state by body mass index, in University population

Author(s): PATRICIA HERNÁNDEZ JUAN; PATRICIA HERNÁNDEZ JUAN; Vidalma del Rosario Bezares Sarmiento; Magnolia Solís López; Juan Marcos León González; Alma Cristina Bezares Parada; María del Rocío Pascacio González;

144/2613: Food supply at children school centers, and preschoolers’ nutritional state before and after food nutrition orientation

Author(s): Vidalma del Rosario Bezares Sarmiento; José Manuel Ballinas Aquino Ballinas Aquino; Juan Marcos León González; KARINA JEANETTE Toalá Bezares; Nely Isabel Cruz Serrano; Verónica Guadalupe Coello Trujillo;

144/2696: Procedural assessment in food and nutrition education groups focusing on autonomy for food choices

Author(s): Viviane Laudelino Vieira; Bruna Zilles Borges dos Santos; Samantha Caesar de Andrade;

144/3016: Evaluation of the effect of partial substitution of treated vetch seeds flour (Vicia sativa) by wheat flour (Triticum Spp) in functional and sensory properties of bread

Author(s): Pedro Maldonado; Lucía Buitrón Sierra;

Oral Presentations Miscellaneous Tracks
Room 13 - Águila

Abstracts:

144/1993: Offspring DNA methylation changes in response to maternal folic acid supplementation in the second and third trimesters: evidence from a randomized controlled trial

Author(s): Aoife Caffrey; Rachelle Irwin; Helene McNulty; Colum Walsh; Diane Lees-Murdoch; Sean JJ Strain; Kristina Pentieva;

144/2116: Prenatal supplementation with small-quantity lipid-based nutrient supplements or multiple micronutrients increases urinary
iodine concentration in semi-urban Ghana: A randomized controlled trial

Author(s): Seth Adu-Afarwuah; Anna Lartey; Harriet Okronipa; Per Ashorn; Mary Arimond; Kathryn G. Dewey;

144/2413: Utilizing digital technology for paperless data collection and real time monitoring of research projects

Author(s): Qazi Sadeq-ur Rahman; Tanvir Mahmudul Huda; Mohammad Masudur Rahman; Shahreen Raihana; A.K.M. Tanvir Hossain; Md. Jahiduj Jaman; Tazeen Tahsina; Sajia Islam; Shams El Arifeen; Michael Dibley;


Author(s): Robert Akparibo (Dr); Andrew Booth; Andrew C.K Lee;

144/2611: Effect of infection on nutritional status of infants in a cohort study of Vitamin A in western Kenya

Author(s): Frederick Grant; Rose Wanjala; Jan Low; Carol Levin; Donald Cole; Haile Selassie Okuku; Robert Ackatia-Armah; Amy Webb-Girard;

144/2639: Gender specific determinants of stunting among Rwandan children 6-23 months old

Author(s): Eric Matsiko; Alida Melse-Boonstra; Jeanine Ahishakiye; Kristine Dandanell Garn; Damien Iyakaremye; Lisine Tuyisenge; Edith J. M. Feskens;

144/2890: Effects of Genetic and Environmental Factors on Proanthocyanidins in Sea Buckthorn (Hippophaë rhamnoides)

Author(s): Wei Yang; Oskar Laaksonen; Heikki Kallio; Baoru Yang;