

Thursday April 27

Room: Audience
13:30-14:45

13:30-14:00

Formal Opening

Lissner, Lauren; Heitmann, Berit L & Branca, Francesco

PL01 – 14:00-14:45

Diet, physical activity, and energy balance: complementary advances in methodologies

Wareham, Nick

Chair: Lissner, Lauren

Room: Audience
15:15-16:00

PL02

Debate: Glycemic index/load - is it a useful dietary indicator for the prevention or treatment of disease?

Yes: Henry, Jeya

No: Heitmann, Berit L

Chair: Krebs-Smith, Susan

Co-Chair: Ellen Trolle

Friday April 28

Room: Audience
08:30-10:00

SY00

Special oral session

Chairs: Berrigan, David; Virtanen, Suvi

SY00-01 – 08:30-08:40

Mapping food consumption, dietary intake and risk factor levels in Finland
Valsta, Liisa

SY00-02 – 08:40-08:50

The community nutrition mapping project (CNMap)
Harris, Ellen

SY00-03 – 08:50-09:00

Nutrition assessment methods in NHANES: what's old, what's new, and what are the issues
Johnson, Clifford

SY00-04 – 09:10-09:20

Revisions and improvements to USDA's healthy eating index
Guenther, Patricia

SY00-05 – 09:20-09:30

Sociodemographic factors modify the association between fast food consumption and maternal weight gain
Uusitalo, Ulla

SY00-06 – 09:30-09:40

Differences between food reports of low energy reporters (LERs) and non-LERs on both 24-hour recalls and a food frequency questionnaire
Millen, Amy

Friday April 28

Room: Audience 10:30-12:00	Room: 101-104 10:30-12:00	Room: 201-204 10:30-12:00
SY01 New studies using biomarkers to assess validity of diet and energy expenditure <i>Chair: Subar, Amy</i> <i>Co-Chair: Andersen, Lene Frost</i>	SY02 Dietary and physical activity assessment in non-industrialized regions from an ethnographic perspective <i>Chair: Staveren, Wija van</i> <i>Co-Chair: Wandel, Margareta</i>	SY03 Issues in assessing dietary supplement use <i>Chair: Radimer, Kathy</i> <i>Co-Chair: Dwyer, Johanna</i>
<p style="text-align: center;">SY01-01 – 10:35-10:50</p> <p>Use of nutritional biomarkers to describe participant-related measurement error from dietary self-report in the Women's Health Initiative <i>Neuhouser, Marian</i></p> <p style="text-align: center;">SY01-02 – 10:55-11:10</p> <p>The development of new biomarkers of nutritional intake <i>Tasevska, Natasa</i></p> <p style="text-align: center;">SY01-03 – 11:15-11:25</p> <p>Re-OPEN: Comparing effect of measurement error in 4-day food records, FFQ and 24-hour recalls using biomarkers of protein and energy <i>Midthune, Douglas</i></p> <p style="text-align: center;">SY01-04 – 11:30-11:40</p> <p>A simple, quantitative, energy expenditure tool for validating group and individual energy intake <i>Kretsch, Mary</i></p> <p style="text-align: center;">SY01-05 – 11:45-11:55</p> <p>Food consumption, supplement use, and physical activity in relation to vitamin D status in Dutch elderly. The Hoorn Study <i>Van Dam, Rob</i></p>	<p style="text-align: center;">SY02-01 – 10:35-10:55</p> <p>Ethnographic approaches to evaluate the impact of a credit with an education program on food and dietary intakes of pre-school children in rural Ghana <i>Armar-Klemesu, Margaret</i></p> <p style="text-align: center;">SY02-02 – 10:55-11:10</p> <p>Food ethnography, food consumption and biomarkers measurement are complementary approaches towards determination of efficacy of food based approaches <i>Brouwer, Inge</i></p> <p style="text-align: center;">SY02-03 – 11:15-11:25</p> <p>Validation of qualitative dietary assessment methods for designing population-specific food-based complementary feeding recommendations <i>Harper, Timothy</i></p> <p style="text-align: center;">SY02-04 – 11:25-11:35</p> <p>The 24-hour recall for ultra poor households: a validation exercise <i>Haseen, Farhana</i></p> <p style="text-align: center;">SY02-05 – 11:35-11:45</p> <p>Physical activity patterns and nutrients intake during ramadan fasting <i>Al Hourani, Huda</i></p> <p style="text-align: center;">SY02-06 – 11:45-11:55</p> <p>Using method triangulation to study changes in dietary patterns after migration from South Asia to Norway. <i>Wandel, Margareta</i></p>	<p style="text-align: center;">SY03-01 – 10:30-10:50</p> <p>Issues in assessing dietary supplement use <i>Radimer, Kathy</i></p> <p style="text-align: center;">SY03-02 – 10:50-11:10</p> <p>Preliminary results from the Supplement Reporting (SURE) Study <i>Murphy, Suzanne</i></p> <p style="text-align: center;">SY03-03 – 11:15-11:25</p> <p>The contribution to total intake of vitamins and minerals from dietary supplements <i>Prynne, Celia</i></p> <p style="text-align: center;">SY03-04 – 11:30-11:40</p> <p>Evaluation of recording of periconceptional folic acid use in week 30 of gestation <i>Knudsen, Vibeke</i></p>

Friday April 28

Room: 101-104 13:30-15:00	Room: 201-204 13:30-15:00	Room: Audience 13:30-15:00
SY04 Novel approaches to measuring diet and the food environment <i>Chair: Bälter, Katarina</i> <i>Co-Chair: Popkin, Barry</i>	SY05 Objective instruments/technologies for monitoring physical activity <i>Chair: Hills, Andrew</i> <i>Co-Chair: Rasmussen, Finn</i>	SY06 Lessions in nutritional statistics for the non-mathematician (mini-course) <i>Chairs: Kipnis, Victor; Freedman, Laurence; Kaaks, Rudolf</i>
<p>SY04-01 – 13:30-13:45 Web-based and mailed questionnaires: a comparison of response rates and compliance in a population-based study in Sweden <i>Bälter, Katarina Augustsson</i></p> <p>SY04-02 – 13:50-14:05 Assessing children's diet with innovative technology <i>Siega-Riz, Anna Maria</i></p> <p>SY04-03 – 14:10-14:25 Comparison of 3 methods of assessing dietary fat intake in African Americans <i>Satia, Jessie</i></p> <p>SY04-04 – 14:30-14:40 Development of a new instrument for evaluating individuals' dietary intakes <i>Wang, Dahong</i></p> <p>SY04-05 – 14:40-14:50 Development of a self-administered automated 24-hour dietary recall for use in large-scale nutrition research <i>Subar, Amy</i></p>	<p>SY05-01 – 13:30-13:50 Objective instruments for measuring physical activity – an overview <i>Hills, Andrew</i></p> <p>SY05-02 – 13:55-14:15 Objective instruments for measuring physical activity – one size does not fit all <i>Byrne, Nuala M</i></p> <p>SY05-03 – 14:20-14:30 Assessment of daily physical activity with accelerometers, an evaluation against doubly labeled water <i>Westerterp, Klaas</i></p> <p>SY05-04 – 14:30-14:40 Calculations of total energy expenditure by means of a questionnaire - an improved procedure <i>Löf, Marie</i></p> <p>SY05-05 – 14:40-14:50 Validity of the ActiReg system in assessing energy requirement in chronic obstructive pulmonary disease patients. <i>Arvidsson, Daniel</i></p>	<p>SY06-01 Bias and random variation in dietary assessment <i>Freedman, Laurence,</i></p> <p>Dietary measurement error and its effect on nutritional epidemiology <i>Kipnis, Victor</i></p> <p>Calibration and validation studies <i>Kaaks, Rudolf</i></p>

Friday April 28

Room: 101-104 15:30-17:00	Room: 201-204 15:30-17:00	Room: Audience 15:30-17:00
SY07 Diet assessment in pregnancy and lactation including biomarker issues <i>Chairs: Potischman, Nancy; Siega-Riz, Anne Marie</i>	SY08 Measurement issues associated with obesity and underreporting <i>Chair: Westerterp, Margriet</i> <i>Co-Chair: Becker, Wulf</i>	SY09 Methodological and statistical issues in nutritional epidemiology, analysis <i>Chair: Kipnis, Victor</i> <i>Co-chair: Freedman, Laurence</i>
<p style="text-align: center;">SY07-01 – 15:30-15:45 Plasma Volume Expansion: implications for pregnancy biomarkers in population studies <i>Potischman, Nancy</i></p> <p style="text-align: center;">SY07-02 – 15:50-16:05 The assessment of diet during pregnancy <i>Siega-Riz, Anna Maria</i></p> <p style="text-align: center;">SY07-03 – 16:10-16:20 Comparison of dietary assessment tools employed in two large Nordic pregnancy cohorts <i>Mikkelsen, Tina Broby</i></p> <p style="text-align: center;">SY07-04 – 16:25-16:35 Self-reported lifestyle determinants and measured physical activity in 2nd trimester of pregnancy <i>Brantsaeter, Anne Lise</i></p> <p style="text-align: center;">SY07-05 – 16:40-16:50 Total energy intake and physical activity in pregnancy: lower energy intake among physically active women <i>Strøm, Marin</i></p>	<p style="text-align: center;">SY08-01 – 15:30-15:50 Effect of energy density of food and drinks on short-term and long-term energy intake <i>Westerterp-Plantenga, Magriet</i></p> <p style="text-align: center;">SY08-02 – 15:55-16:05 OPEN about obesity: Recovery biomarkers, dietary reporting errors, and BMI <i>Lissner, Lauren</i></p> <p style="text-align: center;">SY08-03 – 16:10-16:20 Accuracy of food intake reporting in obese subjects with metabolic risk factors <i>Svendsen, Mette</i></p> <p style="text-align: center;">SY08-04 – 16:25-16:35 Bias in self-reported data on adolescents' weight, height and BMI. The COMPASS study. <i>Rasmussen, Finn</i></p> <p style="text-align: center;">SY08-05 – 16:40-16:50 Electronic food logging methods reviewed on accuracy and ease of use <i>Wagemakers, FM</i></p>	<p style="text-align: center;">SY09-01 – 15:30-15:45 Estimating usual intake of episodically consumed foods from nutritional survey data and its use in evaluating diet-health outcome relations <i>Kipnis, Victor</i></p> <p style="text-align: center;">SY09-02 – 15:50-16:05 A comparison of two dietary instruments used in evaluating the relationship between dietary fat intake and breast cancer risk in the Women's Health Initiative Study <i>Freedman, Laurence</i></p> <p style="text-align: center;">SY09-03 – 16:10-16:20 A new approach to assess the prevalence of inadequate micronutrient intakes in a population <i>Waijers, Patricia</i></p> <p style="text-align: center;">SY09-04 – 16:25-16:35 Implications of different energy-adjustment methods in analyzing fat and breast cancer relationship in the NIH-AARP Diet and Health Study <i>Thiebaut, Anne</i></p> <p style="text-align: center;">SY09-05 – 16:40-16:50 Case-control and case-only design to assess gene – environment interaction effect on cardiovascular disease risk <i>Nunez, Leyla</i></p>

Friday April 28

Room: 101-104 17:00-18:30	Room: 201-204 17:00-18:30	Room: Audience 17:00-18:30
SY10 Methodological aspects of diet and energy balance in women and children <i>Chair: Löf, Marie;</i> <i>Co-chair: Olsen, Sjurdur</i>	SY11 Objective measures of dietary intake and energy expenditure <i>Chair: Bingham, Sheila;</i> <i>Co-chair: Rothenberg, Elisabet</i>	SY12 Methodological and statistical issues in nutritional epidemiology, data collection <i>Chair: Kaaks, Rudolf;</i> <i>Co-chair: Smith, Albert</i>
<p>SY10-01 – 17:00-17:10 Physical activity measured by pedometers in twin pregnancies: association with gestation length <i>Morley, Ruth</i></p> <p>SY10-02 – 17:15-17:25 Level of agreement between child and parent reports of the child's consumption and family environment of fruit and vegetables <i>Tak, Nannah</i></p> <p>SY10-03 – 17:30-17:40 Supplement use in 4-6 year old children and its relation to dietary intake <i>Craig, Leone</i></p> <p>SY10-04 – 17:45-17:55 A Confirmatory Factor Analysis Strategy to Measure 'Usual' Diet and Physical Activity: Application to a DACV Children's Study <i>Horan, Patrick</i></p> <p>SY10-05 – 18:00-18:10 The relation between a simple ranking of physical activity, energy intake and body mass index <i>Skeie, Guri</i></p> <p>SY10-06 – 18:15-18:25 The psychosocial and behavioral predictors of underreporting energy intake in overweight middle-aged women <i>Maurer, Jaclyn</i></p>	<p>SY11-01 – 17:00-17:10 Underreporting in a metabolic chamber – with focus on fat and fatness <i>Gripeteg, Lena</i></p> <p>SY11-02 – 17:15-17:25 Alkylresorcinols as biomarkers for whole grain intake of wheat and rye <i>Landberg, Rikard</i></p> <p>SY11-03 – 17:30-17:40 Urinary thiamine as a biomarker for estimates of thiamine intake <i>Runswick, Shirley A</i></p> <p>SY11-04 – 17:45-17:55 Comparison of women's diet assessed by FFQs and 24-hour recalls with and without underreporters: association with biomarkers. <i>Thorsdottir, Inga</i></p> <p>SY11-05 – 18:00-18:10 Physical activity measured by accelerometers in the National Health and Nutrition Examination Survey (NHANES) 2003-2004 <i>Troiano, Richard</i></p>	<p>SY12-01 – 17:00-17:10 How can habitual dietary intake been assessed if only two 24h recalls are available and the sample is not homogeneous <i>Hoffmann, Kurt</i></p> <p>SY12-02 – 17:15-17:25 Dietary changes over time as an etiological risk factor for chronic diseases <i>Lubin, Flora</i></p> <p>SY12-03 – 17:30-17:40 Substituting missing values in food frequency questionnaires (FFQs): effects on energy intake in the Norwegian Women and Cancer Study (NOWAC) <i>Parr, Christine</i></p> <p>SY12-04 – 17:45-17:55 Conventional nutrient analyses overestimate reporting accuracy and mask the complexity of accurate and erroneous aspects of dietary reports <i>Smith, Albert</i></p> <p>SY12-05 – 18:00-18:10 The effects of absolute and calorie-adjusted nutrients in the presence of measurement error <i>Wilkens, Lynne</i></p> <p>SY12-06 – 18:15-18:25 Considerations in the meta-analysis of epidemiologic studies of diet and cancer <i>Kushi, Larry H</i></p>

Saturday April 29

Room: Audience
08:00-08:45

PL03

Does the future of nutritional epidemiology depend on biomarkers?

No: *Willett, Walter*

Yes: *Bingham, Sheila A*

Chair: Popkin, Barry

Co-Chair: Winichagoon, Pattanee

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Room: Audience 09:45-11:15	Room: 101-104 09:45-11:15	Room: 201-204 09:45-11:15
SY13 Food patterns and indices <i>Chair: Tucker, Katherine</i> <i>Co-Chair: Boeing, Heiner</i>	SY14 – 09:45-09:50 International harmonization in nutritional epidemiology <i>Chair: Riboli, Elio</i> <i>Co-Chair: Bingham, Sheila</i>	SY15 Statistical issues in physical activity assessment (mini-course) <i>Chairs: Troiano, Richard; Catellier, Diane</i>
<p>SY13-01 – 09:45-10:00 Dietary patterns and indices <i>Tucker, Kathrine</i></p> <p>SY13-02 – 10:00-10:10 Three methods of deriving dietary patterns and their relation with risk of incident CHD: the ARIC study <i>Steffen, Lyn</i></p> <p>SY13-03 – 10:15-10:25 Prospective study of major dietary pattern and risk of myocardial infarction in Swedish women <i>Åkesson, Agneta</i></p> <p>SY13-04 – 10:30-10:40 Food patterns derived by factor analysis can predict prevalence of anaemia: an example from Jiangsu Province in China <i>Shi, Zumin</i></p> <p>SY13-05 – 10:45-10:55 Dietary patterns and longevity: results from the Health and Lifestyle Survey (HALS). <i>McNaughton, Sarah</i></p> <p>SY13-06 – 11:00-11:10 Dietary patterns related to glycemic index and load and risk of pre- and postmenopausal breast cancer <i>McCann, Susan</i></p>	<p>SY14-01 – 09:50-10:00 Is the 24-hour diet recall a promising reference dietary method for between population comparisons? - Reported experience from the EPIC study <i>Slimani, Nadia</i></p> <p>SY14-02 – 10:00-10:10 The evaluation of the diet/disease relation in the EPIC study: considerations for the calibration and the disease model <i>Ferrari, Pietro</i></p> <p>SY14-03 – 10:15-10:25 Standardization of dietary energy supply statistics for international comparisons <i>Dop, Marie Claude</i></p> <p>SY14-04 – 10:25-10:35 The influence of design characteristics of food frequency questionnaires on their validity to assess energy and protein intake in adults <i>Molag, Marja</i></p> <p>SY14-05 – 10:46-10:50 A new tool for dietary assessment in adolescents across Europe in the HELENA* Project <i>Vereecken, Carine</i></p> <p>SY14-06 – 10:50-11:00 Fat consumption in Mesoamerica: findings from the concordance project <i>Valdes-Ramos, Roxana</i></p>	<p>SY15-01 An overview of issues encountered in the analysis of physical activity measurement data.</p> <p style="text-align: center;">Primary topics:</p> <p>Assessment of physical activity with accelerometers, including:</p> <ul style="list-style-type: none"> • Determination of wear- and non-wear time • Classification of valid data for analysis • Procedures to address non-adherence and drop-out • Assessment of physical activity patterns <i>Troiano, Richard , Catellier, Diane</i>

Saturday April 29

Room: 101-104 11:15-12:45	Room: 201-204 11:15-12:45	Room: Audience 11:15-12:45
SY16 Measurement issues children and adolescents <i>Chair: Taren, Douglas</i> <i>Co-Chair: Larsson, Christel</i>	SY17 Issues in risk assessment: upper safe levels of nutrient and contaminants <i>Chair: Burlingame, Barbara</i> <i>Co-Chair: Meltzer, Helle Margrete</i>	SY18 Exercise vs. physical activity - from science to recommendations <i>Chair: Lambert, Estelle</i> <i>Co-Chair: Troiano, Richard</i>
<p style="text-align: center;">SY16-01 – 11:15-11:25</p> <p>Justifications, gaps and needs for new dietary and physical activity assessment methods for children under two years of age <i>Taren, Douglas</i></p> <p style="text-align: center;">SY16-02 – 11:25-11:35</p> <p>Validity and reproducibility of a semi-quantitative food frequency questionnaire for estimating calcium intake in Belgian pre-school children <i>Huybrechts, Inge</i></p> <p style="text-align: center;">SY16-03 – 11:35-11:45</p> <p>Development of a novel computer based method of measuring portion size with children <i>Foster, Emma</i></p> <p style="text-align: center;">SY16-04 – 11:55-12:05</p> <p>Confabulations or stretches: intrusions (items reported but not actually eaten) in a dietary validation study with multiple interviews from fourth-graders <i>Baxter, Suzanne Domel</i></p> <p style="text-align: center;">SY16-05 – 12:05-12:15</p> <p>Adolescents' preferences for dietary intake methods in the United States: a qualitative and quantitative evaluation <i>Boushey, Carol</i></p>	<p style="text-align: center;">SY17-01 – 11:15-11:40</p> <p>Risk assessment methods and diet: contaminants and upper safe levels of nutrients <i>Burlingame, Barbara</i></p> <p style="text-align: center;">SY17-02 – 11:40-11:50</p> <p>Contribution of functional food consumption to dietary intakes at community level <i>Beer-Borst, Sigrid</i></p> <p style="text-align: center;">SY17-03 – 11:50-12:00</p> <p>A general methodology for simulation of fortified food intake <i>Kloosterman, Janneke</i></p> <p style="text-align: center;">SY17-04 – 12:00-12:10</p> <p>Computational method to discover the optimal food fortification practice <i>Hirvonen, Tero</i></p> <p style="text-align: center;">SY17-05 – 12:10-12:20</p> <p>Estimated acryl amide (AA) intakes from foods and tobacco, and haemoglobin AA-adducts in the Malmö Diet and Cancer cohort (Sweden). <i>Wirfält, Elisabet</i></p>	<p style="text-align: center;">SY18-01 – 11:15-11:30</p> <p>Dose-response measurement: the influence of how we measure physical activity on estimates in clinical trials and for public health purposes <i>Bauman, Adrian</i></p> <p style="text-align: center;">SY18-02 – 11:35-11:50</p> <p>Translating physical activity dose into public health recommendations: evidence-based approach <i>Lambert, Estelle</i></p> <p style="text-align: center;">SY18-03 – 11:55-12:05</p> <p>impact of a nutrition education and exercise programme for the elderly: a case study from The Vaal Triangle, South Africa <i>Oldewage-Theron, Wilna</i></p> <p style="text-align: center;">SY18-04 – 12:05-12:15</p> <p>The relationship between energy expenditure and energy intake after advice to walk an extra 2000 steps daily <i>Tigbe, William</i></p> <p style="text-align: center;">SY18-05 – 12:15-12:25</p> <p>Does quality of physical activity measurement explain differences in study results? A review of endometrial cancer studies <i>Cust, Anne</i></p> <p style="text-align: center;">SY18-06 – 12:25-12:35</p> <p>Potential impact of a physical activity recommendation-based intervention on energy expenditure in the community <i>Beer-Borst, Sigrid</i></p>

Saturday April 29

SY16-06 – 12:17-12:27

Evaluation of the performance of a semi-quantitative food frequency questionnaire for Bolivian adolescents
Perez-Cueto Eulert, Federico

SY16-07 – 12:30-12:40

An adolescent web-based food frequency questionnaire:
validity and reproducibility
Matthys, Christophe

Saturday April 29

Room: 101-104 14:45-16:15	Room: 201-204 14:45-16:15	Room: Audience 14:45-16:15
SY19 Fruit, vegetables and legumes – an epidemiologic potpourri <i>Chair: Thelle, Dag S</i> <i>Co-Chair: Willett, Walter</i>	SY20 Dietary diversity - an international perspective <i>Chairs: Ruel, Marie; Kuhnlein, Harriet</i>	SY21 Surveillance of physical activity in multiple domains <i>Chair: Bull, Fiona</i> <i>Co-Chair: Bauman, Adrian</i>
<p style="text-align: center;">SY19-01 – 14:45-14:55 Fruits, vegetables and genes <i>Thelle, Dag S</i></p> <p style="text-align: center;">SY19-02 – 15:00-15:10 Relative validity of a short food frequency questionnaire assessing the intake of legumes in Scottish women <i>Scott, Jane</i></p> <p style="text-align: center;">SY19-03 – 15:15-15:25 Validation of a food frequency questionnaire to assess fruit and vegetable intake adults, Isfahan, Iran. <i>Omidvar, Nasrin</i></p> <p style="text-align: center;">SY19-04 – 15:30-15:40 New and validated biomarker for intake of fruits and vegetables <i>Krogholm, Kirstine Struntze</i></p> <p style="text-align: center;">SY19-05 – 15:45-15:55 Intakes and sources of soya foods and isoflavones in a UK population cohort study (EPIC-Norfolk) <i>Mulligan, Angela</i></p> <p style="text-align: center;">SY19-06 – 16:00-16:10 Dietary predictors of plasma total homocysteine: The Hordaland Homocysteine Study (1997-1999) <i>Konstantinova, Svetlana</i></p>	<p style="text-align: center;">SY20-01 – 14:45-15:00 Rural indigenous peoples' food diversity, animal/plant species and nutrient adequacy <i>Kuhnlein, Harriet</i></p> <p style="text-align: center;">SY20-02 – 15:00-15:10 Igbo indigenous knowledge of local food diversity to improve nutrition <i>Okeke, Chinwe</i></p> <p style="text-align: center;">SY20-03 – 15:20-15:35 Dietary diversity and nutrient adequacy: progress in validating simple indicators for developing countries <i>Ruel, Marie</i></p> <p style="text-align: center;">SY20-04 – 15:35-15:45 Dietary diversity as a predictor of the nutrient density of young children's diets in Madagascar <i>Moursi, Mourad</i></p> <p style="text-align: center;">SY20-05 – 15:45-15:55 Validation study of dietary diversity score as an indicator of adequate micronutrient intake in Filipino children <i>Kennedy, Gina</i></p> <p style="text-align: center;">SY20-06 – 15:55-16:05 Diet diversity and quality among urban and rural Mexican men <i>Ponce, Xochitl</i></p>	<p style="text-align: center;">SY21-01 – 14:45-15:05 Measurement and surveillance in physical activity <i>Bull, Fiona</i></p> <p style="text-align: center;">SY21-02 – 15:10-15:30 Measuring habitual physical activity levels in Butajira, Ethiopia: concurrent validation against dietary energy intake <i>Tesfaye, Fikru</i></p> <p style="text-align: center;">SY21-03 – 15:35-15:45 Measurement error in the NHANES physical activity questionnaire: validation in the OPEN Study <i>Tooze, Janet</i></p> <p style="text-align: center;">SY21-04 – 15:55-16:05 The built environment and walking/bicycling for transportation: two approaches to identifying environmental correlates of behavior <i>Berrigan, David</i></p>

Saturday April 29

Room: Audience

16:45-18:00

PL04-01 – 16:45-17.30

Geographic information systems for monitoring diet and physical activity

Sallis, James

Chair: Winkvist, Anna

17:30-18:00

Closing Session

Summing up and looking to the future (ICDAM7)

Winkvist, Anna & Subar, Amy

Thursday April 27

Room: Lobby ground floor

16:00-17:00

P01 New studies using biomarkers to assess validity of diet and energy expenditure

- P01-01 Evaluation of a food frequency questionnaire with multiple-day recalls and biomarkers among low-income women in Sao Paulo, Brazil
Cardoso, Marly
- P01-02 Physical activity influence metabolic profiles and sex hormone levels in young women. The Norwegian EBBA I study
Emaus, Aina
- P01-03 Factors influenced the glycemic index value of rice food
Huang, Yan-Jiun
- P01-04 Calorie intake misreporting by diet record and food frequency questionnaire compared to doubly labeled water among postmenopausal women
Mahabir, Somdat
- P01-05 Relationship between fatty acid intakes and the fatty acid compositions of erythrocyte phospholipids.
Matsuzaki, Satoko
- P01-06 Validation of the food frequency questionnaire used in the Danish National Birth Cohort
Mikkelsen, Tina Broby
- P01-07 Comparison of habitual fatty acid composition between dietary intake and serum phospholipids: The EPIC-Potsdam Validation Study
Ray, J
- P01-08 24-h urinary potassium as a biomarker for potassium intake
Tasevska, Natasa
- P01-09 Use of cariogenic bacteria as biomarkers for sugar intake
Vagstrand, Karin

Thursday April 27

Room: Lobby ground floor

16:00-17:00

- P01-10 Comparative prediction of bone density and estimates of potential renal acid load (PRAL) using two dietary methods
Welch, Ailsa
- P01-11 Effective health biomarkers to assess the impact of nutrition education and physical activity in older adults
Wunderlich, Shahla
- P01-12 Validation of a food frequency questionnaire to assess folate intake of Dutch elderly people
Van de Rest, Ondine
- P02 Dietary and physical activity assessment in non-industrialized regions from an ethnographic perspective**
- P02-01 Challenges of assessing dietary intake in Kenya
Ekesa, Beatrice
- P02-02 Diet quality in relation to chronic disease in urban Senegalese women
Holdsworth, Michelle
- P02-03 An investigation into the food coping strategies practiced by women in farmworker households
Moopa, Irene
- P02-04 The role of nomadic women in the development of nutrition and health culture in ethnic tribe
Salehi Dehpagaei, Moosa
- P02-05 Energy balance of Korean rural elderly women in farming season
Park, Young Hee
- P03 Issues in assessing dietary supplement use**
- P03-01 Prevalence of vitamins E and B12 in dietary supplements reported in National Health and Nutrition Evaluation Survey (NHANES) survey
Holden, Joanne

Thursday April 27

Room: Lobby ground floor

16:00-17:00

- P03-02 Nutrient assessment of dietary supplement and medicine (prescription and non-prescription)
Imai, Tomoko
- P03-03 Dietary supplement use in the Netherlands: current data and recommendations for future assessment
Ocke, Marga
- P03-04 The Alberta Cohort Study: Characteristics of sub-categories of dietary supplement users.
Robson, Paula
- P03-05 Vitamin intake from supplements and total diet in german children and adolescents: results from the DONALD Study
Sichert-Hellert, Wolfgang
- P03-06 Assessment of dietary supplement use including determination of mean daily intake of vitamins, minerals and other constituents from supplements
Thorand, Barbara
- P03-07 Use Of Vitamin/Nonvitamin, Mineral/ Nonmineral Dietary Supplements Among Turkish And Foreign Asian University Students
Unusan, Nurhan
- P04 Novel approaches to measuring diet and the food environment**
- P04-01 Component based input of composite foods in self-administered dietary intake recordings
Christensen, Tue
- P04-02 Design and implementation of an Internet dietary assessment method for use in a student population.
Comrie, Fiona
- P04-03 The NCI method for estimating usual food intake distributions: application to complex surveys
Dodd, Kevin
- P04-04 Validation of the “One-Minute Dietary Assessment” to assess the Dietary Behaviors and Intakes of Hong Kong Preschoolers
Guldan, Georgia

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- P04-05 Investigating the relationship between meal patterns and obesity using an instrument describing meal types, frequency and temporal distribution
Holmboe-Ottesen, Gerd
- P04-06 Endogenous versus exogenous exposure to N-Nitroso compounds and gastric cancer risk : EPIC-EURGAST study.
Jakszyn, Paula
- P04-07 Validity of the FFQ method including several kinds of tea
Kanbe, Kinuyo
- P04-08 Dietary intake assessment of the Korean population - 2005 National Health and Nutrition Survey
Kim, Cho-il
- P04-09 Availability and cost of healthy foods in a rural environment
Liese, Angela
- P04-10 Using a modified version of the Usda's Ampm Software: The Canadian experience
Massarelli, Isabelle
- P04-11 A systematic approach to adapting food probes from a national survey for a web-based, self-administered, 24-hour dietary recall
McIntosh, Anna
- P04-12 Evaluation of a Short Food Screener for Administration on Aging (AoA) congregate meal clients
McNutt, Suzanne
- P04-13 Cognitive testing of the Dutch BASIS food frequency questionnaire
Meijboom, Saskia
- P04-14 Combination of FFQ and non repeated 24h dietary recalls (24DR) methods as a tool for diet measuring
Mullerova, Dana

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- P04-15 Development of the taste mapping method using the seals
Muto, Shimako
- P04-17 Let your data collection instrument 'speak' to you
Perloff, Betty
- P04-18 Approaches for collecting quality dietary data from community-dwelling seniors with early-stage Alzheimer Disease.
Shatenstein, Bryna
- P04-19 Automated Food coding in a National Dietary Intake Survey
Steinfeldt, Lois
- P04-20 A Checklist-Adjusted Food Frequency Method for Assessing Dietary Intake
Thompson, Frances
- P04-21 A computer-based system to generate and process food frequency questionnaires for valid assessment of dietary intake in the Netherlands
Vries, Jeanne
- P04-22 A New Japanese vegetarian food guide pyramid part ii
Nakamoto, Keiko
- P05 Objective instruments/technologies for monitoring physical activity**
- P05-01 An evaluation of different methods to assess physical activity in a sub-sample of the Malmö Diet and Cancer (MDCS) cohort.
Andrén Aronsson, Carin
- P05-02 Genetic and environmental contributions to physical activity in 15-17-year-old Swedish twins
Eiben, Gabriele
- P05-03 Reproducibility of clinical tests of physical function in obese subjects
Evers Larsson, Ulla

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- P05-04 Clinimetric review of motion sensors to assess physical activity in children and adolescents.
De Vries, Sanne
- P05-05 The role of measurement error in estimating level of physical activity
Ferrari, Pietro
- P05-06 Validity of Self-administered Physical Activity Questionnaires in the Japan Public Health Center-based prospective Study (JPHC Study).
Fujii, Hitomi
- P05-07 Validity of DR's EXTRA Physical Activity Interview
Kouki, Reija
- P05-08 Physical activity and energy expenditure by an Activity Diary in adolescents and young adults.
Sandhagen, Bo
- P05-09 How well does the ActiReg® method measure total energy expenditure (EE) in obese subjects? A doubly labelled water study.
Svendsen, Mette
- P05-10 Objective measurement of free-living physical activity using the activPAL
Tigbe, William
- P06 Relative validation and reproducibility of dietary assessment methods**
- P06-01 Comparison of food supply data with household consumption survey data: the case of Morocco
Benjelloun, Sabah
- P06-02 Dietary and physical activity assessments in a prospective cohort study in brazil: the elsa study
Cardoso, Marly

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- P06-03 Comparison of food frequency questionnaire and 24-hour dietary recall data: A calibration study to Brazilian population
Damasceno, Nagila
- P06-04 Quantitative food frequency questionnaire (QFFQ) to Brazilian women with breast cancer: A calibration study
Damasceno, Nagila
- P06-05 Fruit and vegetable intake in the context of public health surveys: are a couple of frequency questions sufficient?
Andersen, Lene Frost
- P06-06 Validity of a precoded questionnaire to assess fruit and vegetable intake among portuguese adults
Franchini, Bela
- P06-07 Relative validity of a semi-quantitative food-frequency questionnaire on-line (QSFA) to evaluate the intake of Calcium and Iron
Galante Polo, Andrea
- P06-08 Validity of a self-administered food frequency questionnaire for estimation of dietary amino acids
Ishihara, Junko
- P06-09 Relative validity of a Food Frequency Questionnaire (FFQ) for B vitamins intake in old people in relation to cognitive function
Jia, Xueli (Shirley)
- P06-10 The development of a short food frequency questionnaire to assess iron intake.
Kunneke, Ernesta
- P06-11 Reproducibility of a food frequency questionnaire for adolescents
Slater, Betzabeth
- P06-12 Development of an Interviewer administered meal based semi quantitative food frequency questionnaire (FFQ) in India
Sudha, V
- P06-13 Development and validation of a Food Frequency Questionnaire (FFQ) to measure histamine and tyramine intake in a Spanish population
Takkouche, Bahi

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- P06-14 Minimizing the impact of systematic error through calibration of Food Frequency Questionnaire for Adolescents – AFFQ
Voci, Silvia
- P06-15 Evaluation study of an electronic food frequency questionnaire for estimating calcium intake among multiethnic youth
Wong, Siew Sun
- P07 Diet assessment in pregnancy and lactation including biomarker issues**
- P07-01 Dietary diversity, nutritional status and time on daily activities of pregnant women in Caracas, Venezuela
Bernal, Jennifer
- P07-02 Seafood consumption in two large birth-cohorts in Denmark and Norway: large variations in intake levels and covariate structures across studies
Halldorsson, Thorhallur Ingi
- P07-03 Diet patterns of pregnant women attending antenatal clinic in Nakuru, Kenya
Mbuthia, Elizabeth
- P07-04 Maternal dietary intake in twin pregnancies: does it diminish towards term?
Morley, Ruth
- P07-05 24-hr energy intake of pregnant Nigerian women
Oguntona, Babatunde
- P07-06 Maternal dietary exposures assessed in the Danish National Birth Cohort: prospective study of 70,000 pregnant women
Olsen, Sjurdur
- P08 Measurement issues associated with obesity and underreporting**
- P08-01 Using reported physical activity to identify invalid reporting of energy intake (EI) in The Alberta Cohort Study
Csizmadi, Ilona

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- P08-02 Response bias in self-reported physical activity and dietary behaviours related to social desirability and weight status in African-American girls
Klesges, Lisa
- P08-03 Impact Of Physical Activity Levels On Under-Reporters Identification In A Sample Of Children And Adolescents Living In Granada (Spain)
Mariscal Arcas, Miguel
- P08-04 Accounting for underreporting using alternative methods improves the credibility of associations between dietary intakes and obesity: Results from EPIC-Spain
Mendez, Michelle
- P08-05 Differences in dietary intake among Croatian adults with relationship to overweight status
Perl, Antonija
- P08-06 Underreporting dietary energy intake in obese and normal weight adolescents.
Santos, Luana
- P08-07 Food habit change in the past and obesity status influences the association between dietary factors and postmenopausal breast cancer
Sonestedt, Emily
- P08-08 Greater underreporting of dietary intake among immigrant women from Iran and Turkey than in native-Swedish women in Uppsala County
Daryani, Achraf
- P09** **Methodological and statistical issues in nutritional epidemiology, analysis**
- P09-01 Using the NCI method for estimating an individual's usual intake when calculating probability of adequacy
Kipnis, Victor

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- P09-02 French Individual National Food Consumption Survey 2 (2005-2006): Results of a Pilot study
Lafay, Lionel
- P09-03 The importance of error checking after data-entry of open-ended dietary methods: CHEDDAR
Lentjes, Marleen
- P09-04 The effect of missing nutrient database values on average daily intakes of a-carotene and b-carotene equivalent in EPIC-Norfolk cohort.
Shakya Shrestha, Subodha
- P09-05 Performance of a food frequency questionnaire in the national institutes of Health-AARP Diet and Health Study
Thompson, Frances
- P09-06 A statistical model for estimating the usual intake of foods: description and applications
Tooze, Janet
- P09-07 Missing cases and their impact on results interpretation on the example of preferences and dairy products intake frequency
Wadolowska, Lidia
- P10 Methodological aspects of diet and energy balance in women and children**
- P10-01 Variations in diet influence body composition, age at menarche and hormonal profiles among young women in Norway. The EBBA-I study
Espetvedt, Sissi
- P10-02 Dietary assessments of eating habits of children and mothers in Okinawa Prefecture, Japan
Iwama, Noriko
- P10-03 Causes of growth faltering among children aged 6-36 months in rural areas in Amol, Iran
Kalantari, Naser

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- P10-04 Determinants of overweight in dutch children – the KOALA birth cohort study
Stafleu, Annette
- P10-05 Justifications, gaps and needs for new dietary and physical activity assessment methods for children under two years of age
Taren, Douglas
- P10-06 Anaemia and micronutrient deficiencies (MND) and reported feeding patterns among Jewish and Bedouin infants in southern Israel.
Bilenko, Natalya
- P10-08 Prediction of fat-free body mass from bioelectrical impedance among 9-11 year-old Swedish children
Nielsen, Birgit Marie
- P10-09 Relation between hydration status in children and their dietary profile – Results from the DONALD Study
Stahl, Anna
- P11 Objective measures of dietary intake and energy expenditure**
- P11-01 Validation of energy intake using an objective method
Frost Andersen, Lene
- P11-02 Validity of the reported energy expenditure and the reported dietary intake of rheumatoid arthritis patients in a dietary intervention study
Hagfors, Linda
- P12 Methodological and statistical issues in nutritional epidemiology, data collection**
- P12-01 Seasonal variation of nutritional intake and quality in adults aged over 50 in Korean rural areas
Choe, Jeongsook
- P12-02 Whole grain intake in the USA: assessment using dietary guidance-based servings versus gram amounts
Cleveland, Linda

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- P12-03 European Food Consumption Validation (EFCOVAL)
De Boer, Evelien
- P12-04 Design and Development of a Self-administered Food Frequency Questionnaire (FFQ) for National Iranian Teachers Cohort Study
HoushiarRad, Anahita
- P12-05 Development of a nutritional knowledge and attitude-questionnaire
Persson, Mats
- P12-06 Beyond Nutrient Assessment: Psychosocial Influences on Dietary Intake
McCabe-Sellers, Beverly
- P12-07 Benefits of the use of a multi-operator data management system for the collection of consumption data through food diaries
Le Donne, Cinzia
- P12-08 Usage of food photographs in EPIC UK 7 day food diary
McTaggart, Alison
- P12-09 Comparison of food servings with portions in food photographs
Ovaskainen, Marja-Leena
- P12-10 The impact of weekend eating on nutrient intakes
Rhodes, Donna
- P12-11 Development of a Quantitative Food Frequency Questionnaire (QFFQ) to assess food, nutrient and heterocyclic amine intake in Japanese Brazilians
Sharma, Sangita
- P12-12 Comparison of item intrusion rates in the quicklist and forgotten-foods steps of the USDA 5-step multiple-pass dietary interview
Smith, Albert
- P12-13 Coloured bread may be interpreted as bread with a high content of whole grain flour
Uglem, Solveig

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- P13** **Food patterns**
- P13-01 Can obesogenic food habits be detected with questionnaires? A matter of what we ask and how we analyse.
Berg, Christina
- P13-02 Application of the factors and clusters analysis for separation and characteristic of the nutrition models for youth from North-Eastern Poland
Cichon, Roman
- P13-03 Dietary patterns and lifestyle factors in the Norwegian EPIC cohort. The Norwegian women and cancer (NOWAC) study
Engeset, Dagrun
- P13-04 Dietary patterns and glycemic index in the insulin resistance and atherosclerosis study
Liese, Angela
- P13-05 Sociodemographic and lifestyle determinants of dietary patterns
Kroeger, Janine
- P13-06 Dietary patterns and risk of oral cancer: a case-control study in São Paulo, Brazil
Marchioni, Dirce Maria
- P13-07 Dietary patterns and their association with other health behaviours in Lithuanian adult population
Petkeviciene, Janina
- P13-08 Asian Students Change Their Eating Patterns After Living In Turkey
Unusan, Nurhan
- P13-09 Food pattern and anemic women among Iranian tribes' people
Salehi Dehpagaei, Moosa

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P14 International harmonization in Nutritional Epidemiology

P14-01 Fish consumption and breast cancer risk. The European Prospective Investigation into Cancer and Nutrition (EPIC)
Engeset, Dagrún

P14-02 The protective effect of blue fish, tea and fresh herbs consumption on cutaneous melanoma
Fortes, Cristina

P14-03 Development and validation of a dietary and hydration habits questionnaire for elite athletes
Gonzalez-Gross, Marcela

P14-04 Estimated dietary Vitamin A intake in Dutch and Scottish population samples applying common and newly proposed conversion factors for carotenenes.
Kneppers, Maria

P14-05 Vitamins and risk of renal cell cancer (RCC) In a pooled analysis of 12 cohort studies
Männistö, Satu

P14-06 Impact of carbohydrate methodology on dietary intake
Stephen, Alison

P15 Food indices

P15-01 Design and Development of Iranian National Nutritious Food Basket (NFB)
Abdollahi, Morteza

P15-02 Dietary indicators of healthy eating
Becker, Wulf

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- P15-03 Dietary quality and associated factors among adults living in the State of São Paulo, Brazil.
Fisberg, Regina Mara
- P15-04 Enhanced nutritional quality indices: evaluation of two new indices assessing the overall nutritional quality of Diets
Gedrich, Kurt
- P15-05 Criteria for healthy meals
Hammiche, Alexia
- P15-06 Dietary Balance Index (DBI) for Chinese people and its application in nutrition intervention project
He, Yuna
- P15-07 Development of short data-base for assessing nutritional value of Iranian National Nutritious Food Basket (NFB)
HoushiarRad, Anahita
- P15-08 Preparation & use of food based dietary quality index for Indian population.
Kaur, Parmeet
- P15-09 The usefulness of the 'Four-food-group point method (KNU diet)' for the improvement of obesity.
Kawabata, Terue
- P15-10 Comparison of nutrient intakes does not explain different associations among measures of diet quality with nuclear cataract
Moeller, Suzen
- P15-11 Validation of a short dietary quality score. The Inter99 study
Toft, Ulla
- P15-12 Seven-year changes in diet quality (the CARDIA Study): college educated and white individuals are most likely to improve their diets
Zamora, Daisy

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P16 Measurement issues children and adolescents

- P16-01 Reporting accuracy for nutrients is misrepresented unless reporting errors are differentiated: a validation study of reporting accuracy over multiple interviews
Baxter, Suzanne Domel
- P16-02 nutrient variables indifferent to reporting errors distort dietary reporting accuracy: Data from a validation study concerning reporting-order prompts (reverse, forward)
Baxter, Suzanne Domel
- P16-03 Diet and overweight in preschool years: a comparison of 24-hour recall and short food frequency questionnaire from a Canadian population-based birth cohort study
Dubois, Lise
- P16-04 The impact of timing of dietary interview on the accuracy of children's estimates of portion size
Foster, Emma
- P16-05 Changes and tracking of food choice and BMI of 16-18 year olds: evidence, influences and attributions.
Hossack, Alison
- P16-06 Evaluation of questions about beverage consumption and physical activity among 9-year-olds
Lillegaard, Inger Therese
- P16-08 Assessment of physical activity levels and body weight in 9-10 year old schoolchildren
McLure, Sally
- P16-09 Application of different dietary assessment tools in EsKiMo
Mensink, Gert
- P16-10 Energy intake assessed by a 24hr dietary recall validated against energy expenditure measured by DLW in 10 y-old Danish children
Nielsen, Birgit Marie

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- P16-11 Development of a computer-based tool for measuring schoolchildren's diets: the peas@tees project
Taylor, Mark
- P16-12 Over-reporting of energy intake on a food record by preadolescent children with cystic fibrosis.
Trabulsi, Jillian
- P16-13 Validation of a new method for the assessment of the diet of infants and young children
Trolle, Ellen
- P16-14 The effect of Ca intake on growth and the intake of other nutrients in Korean Preschool Children
Yoon, Jin-Sook
- P17 Issues in risk assessment: Upper safe levels of nutrient and contaminants**
- P17-01 Dietary intake of heterocyclic amines in relation to socioeconomic, lifestyle and other dietary factors: Estimates in a Swedish population
Pettersson, Ulrika
- P17-02 Estimation of cadmium exposure level in Japanese residents: Consideration on the maximum level of cadmium in selected foods
Matsumura, Yasuhiro
- P17-03 Use of probabilistic modelling in assessing the safety of vitamin fortification
OHagan, Sue
- P17-04 Assessment of the prospective intake progression of plant sterols by functional foods using a simulation method
Niemann, Birgit
- P17-05 Arsenic exposure from seafood in healthy adult Norwegians – a randomized controlled diet trial
Molin, Marianne

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P18 Exercise vs. physical activity - from science to recommendations

P18-01 Micronutrient intake assessment of amateur cyclists by means of the ear-cut-point method

Breidenassel, Christina

P18-02 Physical activity profiles of Swedish women using accelerometers

Orsini, Nicola

P18-03 Reliability of Physical Activity Recall from the Distant Past: Longitudinal Data from the CARDIA study

Smith, Ashley

P19 Fruit and vegetable biomarkers for studying diet - disease relationships

P19-01 Relative validity of carotenoid and tocopherol estimates from the U.S. National Cancer Institute's Diet History Questionnaire

Dixon, LB

P19-02 Carotenoids as biomarkers of increased intake of vegetables and fruits in obese subjects

Svendsen, Mette

P19-03 Diet and Total Antioxidant Performance (TAP) in the Jackson Heart Study (JHS)

Talegawkar, SA

P19-04 Serum liposoluble vitamins as biomarkers of dietary intakes among low income women living in São Paulo, southeast Brazil

Tomita, Luciana Yuki

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P20 Dietary diversity - an international perspective

P20-01 Dietary diversity is predictive of the nutrient density of complementary foods for breastfed children in developing countries

Arimond, Mary

P20-03 The contribution of food access strategies to dietary diversity of farmworker households in The Fouriesburg District, South Africa (Sa)

Kruger, Rozanne

P20-04 Sensitivity and specificity of a dietary diversity score tested in South African children

Steyn, Nelia

P20-05 Dietary variety and diversity across population samples of the concordance project

Vossenaar, Marieke

P21 Surveillance of physical activity in multiple domains

P21-01 Self-report physical activity level in relation to maximum oxygen uptake in a volunteer sample of adult men and women

Aadahl, Mette

P21-02 Harmonization around common operative-criteria for estimating target energy expenditure in a multicentric field-survey applying disparate data-collection instruments: the concordance project

Alvarado Salguero, Virginia

P21-03 Body composition and physical activity in elderly osteoporotic women.

Genaro, Patrícia

P21-04 The relationship between body composition and physical activity in Japanese middle-aged and elderly

Kozakai, Rumi

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- P21-05 Validation of a new physical activity questionnaire for assessment of energy expenditure
Matthiessen, Jeppe
- P21-06 Physical activity and cardiovascular disease risk factors in Mexican adolescents
Valdes-Ramos, Roxana
- P21-07 Impact of nutrition and physical activity programs on health status of older adults participating in government sponsored programs
Wunderlich, Shahla
- P22 Assessing nutritional status**
- P22-01 The use of armspan measurement to assess the nutritional status of adults in six Iranian ethnic groups.
Abiar, Ilghar
- P22-02 Impact of obesity-related factors on urinary incontinence in the middle-aged and elderly women
Ando, Fujiko
- P22-03 Dietary factors associated with malnutrition: an analysis of three hundred hospitalized patients in São Paulo, Brazil
Aquino, Rita
- P22-04 Mini Nutritional Assessment (MNA)- 'at risk' of what?
Beck, AM
- P22-05 Explore the adequacy of MNA as a nutritional screening tool for Taiwan elderly
Chan, LC
- P22-06 Achieving the US dietary recommendations and the contribution of juice consumption to total nutrient intakes: NHANES 2001-2002 data
Champagne, Catherine
- P22-07 Dietary practices and nutritional status of 0-24-month-old children from Brazilian Amazon.
Gontijo de Castro, Teresa

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- P22-08 Nutritional status of urban schoolchildren of high and low socioeconomic status in Quetzaltenango, Guatemala: a profile of emergent nutrition transition.
Groeneveld, Iris
- P22-09 C-peptide in urine samples of healthy children is long-term stable after adjustment for dietary glycaemic load
Günther, ALB
- P22-10 Assessing excess body weight change among children using BMI centiles and BMI Z-score reference values
Iqbal, Sofia
- P22-11 Nutritional status assessment of elderly hospitalized patients
Manral, Mala
- P22-12 Nutritional evaluation and cardiovascular risk in executives submitted to a check-up in a private hospital in São Paulo, Brazil.
Philippi, Sonia Tucunduva
- P22-13 Clinically identifiable risk factors for undernutrition in geriatric patients
Poulsen, Ingrid
- P22-14 The application of carpal epiphysis width measurement as an auxiliary criterion for epidemiological investigation into assessing population nutritional status
Przybylowicz, Katarzyna
- P22-15 Fat tissue content evaluation by anthropometric and spectrofotometric methods and metabolic risk factors of chronic diseases
Przybylowicz, Katarzyna
- P22-16 Armspan and wrist circumference measurements in Iranian physically disabled people: Implications on energy needs.
Rastmanesh, Reza
- P22-17 Association between intake of foods and urinary iodine concentration: Example from Mali
Torheim, LE
- P22-18 Orthorexia - a real eating disorder?
Bratland-Sanda, Solfrid

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P23 Nutrient sources and nutrient content of foods

- P23-01 Nutritional, microbiological and sensory quality assessment of Kunun Zaki, a home-prepared traditional Nigerian beverage
Adeniji, Paulina
- P23-02 Calcium intakes and food Sources in the U.S. population and the role of fortification: results from NHANES 1999-02
Albertson, Ann
- P23-03 Food sources of plant sterols in the British diet
Andersson, Sofia
- P23-04 The food system: An up-to-date system for computerized work with Dietary surveys and food data
Arnemo, Marianne
- P23-05 Improving dietary assessment of phytoestrogens: modifying an FFQ and selecting foods for laboratory analysis using data from a population food survey
Boucher, Beatrice
- P23-06 Estimated iron intake and adequacy in Iran change when newer values for iron in commonly consumed foods are applied
Esmaeili, Mina
- P23-07 The development of values for vitamins e and b12 for fortified foods in the United States
Gebhardt, Susan
- P23-08 The effect of cooking and blanching on potassium contents of vegetables in Taiwan
Hu, Huai-Yu
- P23-09 Effect of cooking loss on vitamin intake for epidemiological data in Japan
Kobayashi, Minatsu

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- P23-10 Iron Intake of Brazilian women in fertile age, before and after iron fortified diet
Ochsenhofer, Karina
- P23-11 Current status of dietary assessment and food composition database development in Nigeria
Ohuruogu, Victor
- P23-12 What's In the foods you eat search tool: a free and accessible database
Raper, Nancy
- P23-13 Criteria for products with fruit and vegetable claims
Schuurman, Caroelien
- P24 Dietary surveys and interventions**
- P24-01 Nutrition and healthy lifestyle program in the city of São Paulo, Brazil
Tucunduva Philippi, Sonia
- P24-02 Diet and lifestyle factors and mortality of elderly people in Poland
Frackiewicz, Joanna
- P24-03 Dietary intake of phytoestrogens, estrogen receptor-beta polymorphisms and the risk of prostate cancer.
Hedelin, Maria
- P24-04 Calculation of estimated nutrition intake based on clinical laboratory tests in hemodialysis patients
Ikeda, Hiromi
- P24-05 Vitamins intake in Eastern Croatian adults estimated by 24-hour recall
Kenjeric, Daniela
- P24-07 Comparative food consumption pattern studies of patients with and without breast cancer in a major hospital in Iran, 2003-2004.
Mehran, Shiva

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- P24-08 Analysis of dish intake for people with and without hypertension in 2001 Korean National Health and Nutrition Examination Survey(KNHNS)
Moon, Hyun-Kyung
- P24-09 Fruit And Vegetables Food-Groups As A Contribution To Dietary Intake In Guatemala Schoolchildren
Montenegro, Gabriella
- P24-10 America's Nutrition Report Card: comparing nutrient intakes to dietary reference intakes
Moshfegh, Alanna
- P24-11 Dietary intake of adolescent male soccer players
Muktabhant, Benja
- P24-12 Dietary intake and physical fitness of adolescent male soccer players at Khon Kaen Sport School, Thailand
Muktabhant, Benja
- P24-13 Dietary survey of Swedish children: age 4, 9 and 12 years old
Pearson, Monica
- P24-14 Energy intake and expenditure in a sample of 45 Bolivian urban Adolescents
Perez-Cueto Eulert, Federico
- P24-15 Vitamin D intake and prevalence of vitamin d deficiency in Brazilian adolescents
Peters, Barbara
- P24-16 Primary prevention of childhood obesity through sessions at child health centers about healthy eating habits and physical activity.
Pettersson, Mikaela

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- P24-17 Alimentary consumption of children between 2-6 years old, with relation to the fluoride, in Bauru's city - São Paulo
Philippi, Sonia Tucunduva
- P24-19 Effects of dietary supplementation of citrus juice in hypercholesterolemic subjects
Tahbaz, Farideh
- P24-20 Effect of nutrition education intervention on the body composition and nutritional biomarkers of exercising school children
Tang, Fu-Chun
- P24-21 Analysis of dish intake with hyperlipemia in 2001 Korean National Health and Nutrition Examination Survey (KHNS)
Moon, Hyun-Kyung