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2012 ILSI Annual Meeting

20 - 25 January 2012

Arizona Grand Hotel

Phoenix, Arizona, USA

ILSI, ILSI North America, the ILSI Research Foundation, and ILSI HESI are proud to organize the 2012 Annual Meeting.

Annual Meeting gives attendees the once-a-year chance to share ideas, discuss science and health trends at the local and regional level, and plan how the ILSI network can collectively contribute to improved human and environmental health.



Exciting Keynote Speakers

This year's opening assemblies will feature three exciting keynote speakers. ILSI North America's Assembly of Members will be held on Sunday, 22 January at 8:00 - 12:00. The keynote speaker is anthropologist William Leonard, PhD, Northwestern University. Dr. Leonard will discuss evolutionary perspectives to the human diet and how this may affect today's obesity epidemic.

ILSI's Assembly of Members will be held on Sunday, 22 January at 2:00 - 5:00 PM (13:00 - 15:00) and will feature two keynote speakers: 2007 World Food Prize Laureate Philip E Nelson, PhD, Professor Emeritus, Purdue University, and George Mensah, MD, Vice President of Global Nutrition, PepsiCo. These distinguished professionals will talk about the pressing issue of global food security and what we can collectively do to ensure we can feed the world's 7 billion people.

Still Time to Register

Registration for the 2012 Annual Meeting is still open. Visit the 2012 Annual Meeting webpages to see the full scientific program and to register: www.ilsi.org/Pages/2012AnnualMeeting.aspx

ERA of GM Plants in Low Exposure Scenarios

ILSI Korea, ILSI Japan, and the ILSI Research Foundation's Center for Environmental Risk Assessment (CERA) co-organized a seminar on the environmental risk assessment of genetically modified (GM) plants in low exposure scenarios in November in Seoul, Korea. Low exposure scenarios are relevant when countries import biologically viable GM materials like grain for use in food, livestock feed, or for processing but not for deliberate planting. In situations like this, some regulatory authorities choose to undertake an environmental risk assessment because of concerns about the possibility of limited release of the GM material during loading and unloading operations at ports or

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Low Exposure Scenarios (continued from page 1)

grain elevators, or during transport. The topic was explored through a series of presentations by Korean, Japanese, and other risk assessment experts, and then with members of the audience during a very dynamic panel session.

A follow-up session to further advance approaches to improving the risk assessment of GM plants for situations of limited environmental release is being planned for the 12th International Symposium on the Biosafety of Genetically Modified Organisms, which will be held in St. Louis (USA) in September 2012. ILSI Korea, ILSI Japan and CERA will again partner for this session. For more information, please contact CERA at: info@cera-gmc.org.



ILSI Research Foundation Partners with FlagHouse, Inc, to Distribute TAKE 10!®

The ILSI Research Foundation has launched a redesigned website (www.TAKE10.net) and entered into an exclusive distribution agreement with FlagHouse, Inc. TAKE 10! is the Research Foundation's classroom-based intervention designed to improve the lifestyles of children K-5, and research shows TAKE 10!'s program combining learning objectives with short bouts of activity helps improve attention spans, test scores, and body mass indices. FlagHouse is a supplier of tools and resources intended for educators in physical activity, recreation, education, and special needs. TAKE 10! is already in use in over 55,000 classrooms in the United States. By partnering with FlagHouse, the Research Foundation expects TAKE10! to reach even more school districts, helping them achieve their own academic and physical education goals.

ILSI-India and IFBiC Help Build Capacity on Sampling and Detection

The Government of India has proposed establishing a single regulatory authority to deal with all issues relating to biotechnology in a comprehensive manner. To help meet the need for capacity building in this context, ILSI-India and ILSI International Food Biotechnology Committee (IFBiC), organized a "Workshop and Training Program on Detection Methods for Transgenics" in Hyderabad, India in November 2011. The event was co-sponsored by the Indian governmental Department of Biotechnology; the Food Safety and Standards Authority of India; the Indian Council of Medical Research; and the National Institute of Nutrition (NIN).

The program consisted of two modules. The first contained a series of presentations on recent developments in GM plants and sampling and detection methods. The second module was a hands-on training demonstration conducted in the NIN laboratory. Participants in the training represented a wide cross-section of professionals from a variety of Indian agencies: e.g., the Center for DNA Fingerprinting and Diagnostics; the Indian Institute of Toxicology Research; the Export Inspection Agency; and the Tamil Nadu Agriculture University among many others.

An electronic network of all trainees has been created to encourage and facilitate communication on GM testing and as a tool for information sharing and problem solving.

Conference presentations are available on the ILSI-India website: [Conference Presentations](#)

IFBiC regularly partners with ILSI branches as part of its core outreach and education program. Through these collaborations, IFBiC responds to real-world needs by building science and technical capacity at the local and national level.

“Strengthening ASEAN Risk Assessment Capacities: Food Consumption Data”

ILSI Southeast Asia Region, in collaboration with the World Health Organization, the Food and Agriculture Organization of the United Nations (FAO) and the Food Safety and Quality Division Ministry of Health, Malaysia, organized a seminar and workshop on food consumption data in October 2011. Held in Malaysia, this event was part of the project “Strengthening ASEAN Risk Assessment Capacities: Food Consumption Data;” an initiative of the ASEAN Expert Group on Food Safety, which was supported by ILSI Southeast Asia Region and FAO through the ILSI-FAO Framework Program.

The main objectives of the seminar were to share knowledge and raise awareness on the utility of food consumption data for food safety purposes such as for risk assessment and exposure assessment. The goal was to demonstrate the usefulness of consumption data beyond just nutrition-related work.

The workshop provided ASEAN representatives the opportunity to discuss harmonization of food consumption data in the region. Nine out of the ten ASEAN countries were able to participate: Brunei Darussalam; Cambodia; Indonesia; Laos; Malaysia; The Philippines; Singapore; Thailand; and Vietnam. (Myanmar was unable to participate due to logistical difficulties.) Workshop discussions were divided into four sessions, each dealing with a different focus area: food consumption surveys and data; exposure assessments; dietary assessment methods and common food categories; and mechanisms for compiling and sharing food consumption data.

The seminar and workshop were successful bringing together nutrition and food safety professionals to discuss topics of common interest related to food consumption data used for exposure assessment. Participants outlined additional work to further develop the required data, which will be continued over the next year. For more information, please contact ILSI Southeast Asia Region at ilsisea@singnet.com.sg.

New Publications

ILSI Europe

Consumer Response to Novel Agri-food Technologies: Implications for Predicting Consumer Acceptance of Emerging Food Technologies

L.J. Frewer et al. *Trends in Food Science and Technology* 2011; 22(8):442-456

The issue of consumer acceptance of food technologies, and their applications, needs to be addressed early in technology development. However, whether extensive assessment of consumer acceptance is necessary for all food-related technologies a priori is uncertain. A review of studies of seven food-related technologies associated with different levels of public acceptance suggests that those characterized as being ‘bioactive’ raise particular concerns - related to unpredictable effects, uncontrolled use, and ethical concerns. Perceptions of ‘unnaturalness’ alone are unlikely to raise a food technology to high levels of public rejection. Trust in regulation and effective labeling are also important considerations.

To order free copies: publications@ilsieurope.be

Application of the TTC concept to unknown substances found in analysis of foods

S. Koster, et al. *Food and Chemical Toxicology*, Volume 49, Issue 8, August 2011, Pages 1643-1660

This article explores whether the TTC concept may enable a more pragmatic risk assessment of unknown substances that were not previously detected in food. A step-wise approach is introduced that uses expert judgment on the source of the food, information on the analytical techniques, the dietary consumption of food sources containing the unknown substance and quantitative information of the unknown substance to assess the safety to the consumer using the TTC. By following this step-wise approach, it may be possible to apply a TTC threshold of 90 µg/day for an unknown substance in food.

This article is available online: [Application of the TTC concept](#)

ILSI North America

Fructose Malabsorption and Intolerance: Effects of Fructose with and without Simultaneous Glucose Ingestion

M. Latulippe and S. Skoop, *Critical Reviews in Food Science and Nutrition*, 2011, 51:7, 583-59

Concern exists that increasing fructose consumption, particularly in the form of high-fructose corn syrup, is resulting in increasing rates of fructose intolerance and aggravation of clinical symptoms in individuals

Continued on next page

New Publications (continued)

ILSI North America

with irritable bowel syndrome. Most clinical trials designed to test this hypothesis have used pure fructose, a form not commonly found in the food supply, often in quantities and concentrations that exceed typical fructose intake levels. In addition, the amount of fructose provided in tests for malabsorption, which is thought to be a key cause of intolerance, often exceeds the normal physiological absorption capacity for this sugar. To help health professionals accurately identify and treat this condition, this article reviews clinical data related to understanding fructose malabsorption and intolerance (i.e., malabsorption that manifests with symptoms) relative to usual fructose and other carbohydrate intake. Information on the fructose and glucose content of foods, beverages, and ingredients representing a variety of food categories is provided.

This article is available online, free of charge: [Fructose Malabsorption and Intolerance](#)

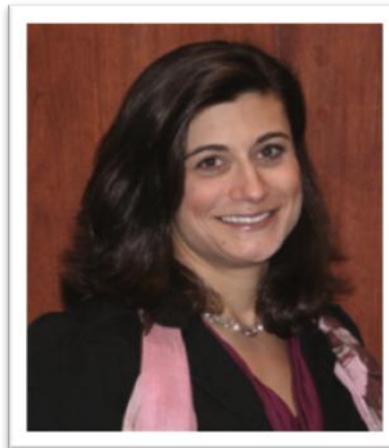
Food, Fortificants and Supplements: Where Do Americans Get Their Nutrients

V. Fulgoni, et al. *Journal of Nutrition*, October 2011 141(10):1847-54

This article summarizes analyses aimed to assess contributions of micronutrients to usual intakes derived from all sources (naturally occurring, fortified and enriched, and dietary supplements) and to compare usual intakes to the Dietary Reference Intake for U.S. residents aged ≥ 2 y according to NHANES 2003-2006 (n = 16,110).

This article is available online, free of charge at: [Food, Fortificants and Supplements](#)

HESI Names New Executive Director

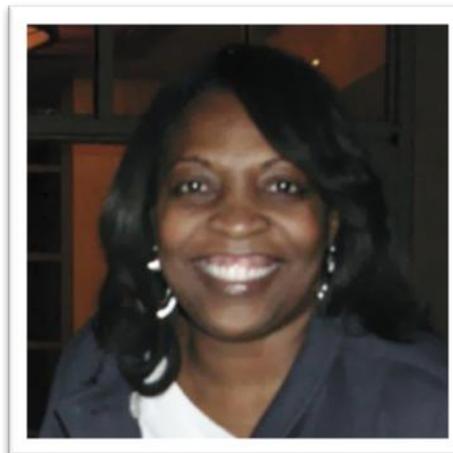


Dennis Devlin, PhD, President of ILSI Health and Environmental Sciences Institute (HESI), announced Syril Pettit as the new HESI Executive Director. Dr. Devlin said in his announcement to the HESI Board of Trustees and Assembly of Members that Ms. Pettit was selected following a search that

involved “21 candidates from six countries with careers in academia, government, industry, and nonprofits, with backgrounds in science, medicine, law and public policy. We ultimately concluded that Syril had an unmatched combination of leadership and management skills with a deep understanding of HESI’s issues. Furthermore, her dedication to HESI and vision for leading HESI into the future was quite unique.” She brings 12 years of HESI experience to her new role. Please join us in congratulating Ms. Pettit on her promotion.

Celebrating 25 Years with ILSI

It is with great pleasure we announce Stephanie Carter’s 25th anniversary with ILSI. Ms. Carter has held a variety of positions within the organization and is currently TAKE 10! Program Manager and Grant Program Manager within the ILSI Research Foundation. ILSI greatly appreciates Ms. Carter’s contribution to the success of the



organization over these many years. Thank you!

2012 Annual Meeting

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Complete program information is available online:
<http://www.ilsa.org/Pages/2012AnnualMeeting.aspx>

ILSI, ILSI North America, ILSI HESI and the ILSI Research Foundation are proud to organize the 2012 Annual Meeting: Partnerships for a Healthier World. ILSI's Annual Meeting gives members, science advisors, staff, and guests an ideal opportunity to meet with their colleagues from around the globe. Representatives from branches and the Research Foundation will participate in an exciting series of scientific sessions and program planning meetings.

This year's meeting in Arizona offers attendees the once-a-year chance to share ideas, discuss science and health trends at the local and regional level, and plan how the ILSI network can collectively contribute to improved human and environmental health.

Join us. Exchange ideas face-to-face with your colleagues and international experts on a broad spectrum of topics.

Preliminary Schedule-at-a-Glance Overview

Sunday, 22 January

- ILSI and ILSI North America Assembly of Members Meetings
- Poster Session
- Opening Reception

Monday, 23 January

- ILSI North America Scientific Session on Attributable Risk in Microbial Food Safety
- ILSI Scientific Session on Biomarkers
- ILSI North America Scientific Session on Standards of Evidence
- ILSI Scientific Session on Barriers in Obesity

Tuesday, 24 January

- ILSI North America Scientific Session on Human Gut Microbiome
- ILSI Research Foundation Center for Risk Science Innovation and Application (RSIA): Solutions for Achieving Sustainable Water Reuse - An Interactive Session
- ILSI IFBiC and RSIA Session: The Consequences of Unexamined Fear as a Driver for Public Health Protection
- Closing Reception

Calendar of Events

ILSI Annual Meeting

20 – 25 January 2012

Phoenix, Arizona, USA

[2012 ILSI Annual Meeting](#)

ILSI Europe Annual Meeting

29 – 30 March 2012

Brussels, Belgium

[ILSI Europe Annual Meeting](#)

ILSI Southeast Asia Region Seminar and Workshop on Assessment of Cognitive Development for Infants and Young Children

16 – 17 April 2012

Singapore

[Background and Objectives](#)

For more information contact:

ilsisea@singnet.com.sg

ILSI Health and Environmental Sciences Institute Annual Meeting

12 – 14 June 2012

Prague, Czech Republic

ILSI Europe Workshop: Marker Initiative in Nutrition Research

27 – 29 June 2012

Lisbon, Portugal

[Marker Initiative Workshop](#)

International Symposium on the Biosafety of Genetically Modified Organisms

17 – 20 September 2012

St. Louis, MO, USA

www.isbgmo.com

ILSI Europe International Symposium on Food Packaging – Scientific Developments supporting Safety and Innovation

14 – 16 November 2012

Berlin, Germany

[Packaging Symposium](#)

Visit ILSI's consolidated Calendar of Events for additional meetings worldwide:

[ILSI Calendar of Events](#)