



# ILSI News

International Life  
Sciences Institute

Volume 32, Number 4  
December 2014

## Morven McLean to Lead ILSI Research Foundation

### Highlights

- 1 **ILSI Research Foundation Appoints a New ED**
- 2 **Nutrition Reviews® Partners with Oxford**
- 3 **The Gut and Health**
- 4 **Calendar of Events**

Dr. McLean and her team will raise the ILSI Research Foundation's visibility throughout the scientific community and position the organization as a trusted scientific partner.

We are excited to announce that Morven McLean, PhD, has been appointed Executive Director of the ILSI Research Foundation. She assumes her new role on 1 January 2015.

Until now, the ILSI Executive Director had joint responsibility for ILSI and the ILSI Research Foundation. The ILSI Research Foundation Board of Trustees felt a fully dedicated executive director would be better able to capitalize on the foundation's momentum in environmental risk assessment and agricultural sustainability and nutrition security, and to also identify and act on new possibilities throughout the life sciences. Suzie Harris, PhD, the current Executive Director, will now devote her time exclusively to ILSI and its operations.

Dr. McLean and her staff will build and curate a carefully conceived science portfolio, with priority placed on programs that attract multi-year funding commitments. Dr. McLean will use her proven ability to collaborate across geography to expand collaboration with ILSI branches. In particular, she will seek out and develop more strategic and longer-term activities that leverage branch and foundation human talent and financial resources.

Dr. McLean will also implement a process for monitoring and evaluating program progress and success; an important component of the foundation's strategic plan the Board of Trustees has begun outlining.

Dr. McLean joined the ILSI Research Foundation in 2009 as director of the Center for Environmental Risk Assessment. In 2013, she was also appointed director of the foundation's Center for Safety Assessment

of Food and Feed. Prior to joining ILSI, Dr. McLean held the position of Chief of Canada's Plant Biotechnology Office, the federal regulatory authority for the assessment and release of genetically modified plants. She was also President of AGBIOS, a consultancy that works internationally with governments, non-governmental organizations, and the public and private sectors on issues of policy and regulation pertaining to genetically modified foods, crops, and forest tree species. She has a MSc in environmental biology (University of Guelph) and a PhD in plant virology (University of British Columbia).

Please join us in wishing Dr. McLean well in her new role as the ILSI Research Foundation's Executive Director. You may reach her at [mmclean@ilsi.org](mailto:mmclean@ilsi.org).

### Just Days Away: Are You Ready for Annual Meeting?

**Sheraton Wild Horse Pass Resort  
Chandler, Arizona, USA**

**16 - 21 January 2015**

[Program Information Online](#)

[#ILSI\\_AM2015](#)



### Questions? Feedback?

We'd love to hear from you. Contact ILSI Communications Director Michael Shirreffs at: [mshirreffs@ilsi.org](mailto:mshirreffs@ilsi.org)

## Nutrition Reviews® Partners with Oxford University Press

ILSI is delighted to announce that beginning in January 2015, *Nutrition Reviews* will be published in partnership with Oxford University Press; a department of the esteemed Oxford University.

The change comes following six years of a successful partnership with Wiley in which the journal's impact factor rose from 3.503 to 5.541.

In the words of ILSI Publications Manager, Allison Worden, "With the publishing landscape changing so rapidly and our agreement with Wiley nearing its end, it was time to investigate what other publishers had to offer. At Oxford University Press, we found a publisher whose mission and values were strongly aligned with our own

and whose operational infrastructure was on par with the most competitive commercial publishers."

Under the new partnership, authors will retain copyright to their own work, whenever this is permitted by their employer or funders. The option to purchase open access rights, making individual articles freely available, will remain. As before, no submission fees or page charges will be applied.

The journal's new online location is [www.nutritionreviews.oxfordjournals.org](http://www.nutritionreviews.oxfordjournals.org). Be sure to update your bookmarks and sign up for electronic content alerts.

Subscribe online: [Subscriptions](#)  
Submit an article: [Author Instructions](#)

## New Publication

ILSI Europe

**A framework to determine the effectiveness of dietary exposure mitigation to chemical contaminants**

van der Fels-Klerx, et al. *Food and Chemical Toxicology* 2014; 74:360-371

The aim of this study was to develop a systematic approach for determining the effectiveness of mitigation measures to reduce dietary exposure to chemical contaminants. A general framework for evaluation of the effectiveness of measures to reduce human exposure to food contaminants was developed.

Available online: [Framework](#)

## An Enhanced Resource

**ILSI announces the release of Version 5.0 of the Crop Composition Database**

Crop, food, and feed composition studies are considered an essential part of the safety assessment of new crop varieties, including those developed through biotechnology. Information obtained from such studies is used to assess similarities and differences in important nutrients and anti-nutrients. The ILSI Crop Composition Database was generated from crop composition data obtained from such studies conducted by members over a number of years at multiple worldwide locations.

This comprehensive, public database provides information on the natural variability in composition of conventionally grown crops, including information on amino acids, bio-actives, carbohydrates, fatty acids, fiber, glucosinolates, minerals, other

metabolites, phospholipids, proximates and vitamins. The updated version has seven times more data than the previous version and includes three new crops: canola; sweet corn; and rice. It is a useful resource for researchers and regulatory scientists in plant biology, food science, and animal nutrition.

Version 5.0 includes:

- Over 842,500 data points
- 3,150 compositional components
- Standardized data on canola; field corn; sweet corn; cotton; rice; and soybeans
- Tools for increasing efficiency and quality of data uploads

You can access the database at: [www.cropcomposition.org](http://www.cropcomposition.org)



# Gut Microbiota and Health

Article adapted from the program summary

Advances in technology and bioinformatics have made it possible to examine the influence of the intestinal ecosystem on human health. There is increasing evidence that the nutritional value of food is influenced in part by the structure and operations of a consumer's gut microbial community, and that food in turn shapes the individual's microbiome. Understanding the intestinal microbiome is essential for developing disease prevention strategies and personalized health care regimens.

ILSI Southeast Asia Region held the conference 'The Gut, Its Microbes and Health: New Knowledge and Applications for Asia' in Singapore in October 2014, which highlighted current scientific knowledge on the gut microbiome, its interactions with diet and nutrition, and the implications for health and disease, particularly in Asian populations.

The conference was organized in collaboration with the Commonwealth Scientific and Industrial Research Organization

(CSIRO), Australia, National University of Singapore, Newcastle University International Singapore and Indonesian Society for Probiotics and Prebiotics. More than 200 people from throughout the region participated.

Speakers from Europe, Asia, and Australia delivered a comprehensive program with topics on:

- basic concepts related to the gut microbiota and health
- the role of gut microbiota in disease development
- differences in microbiota related to diet, environment, and genetics
- gut health through the lifecycle

Experts also reviewed data on food and food ingredients that promote healthy gut microbiota and discussed the science need support health claims in various regulatory systems.

The full program and copies of presentations are available online: [Gut Health](#)

## ILSI Europe Elects New Vice-Chair

Welcome and congratulations to Stephen French, PhD, on being elected by the ILSI Europe Board of Directors as Vice-Chair, ILSI Europe.

Dr. French is Head of Scientific and Regulatory Affairs, Mars, and formerly a Lecturer at The University of Sheffield. He earned his PhD from Sheffield in Physiology and Nutrition.

## In Memory

ILSI notes the passing of Dimitrios Trichopoulos, MD, PhD (1938 – 2014). He was a renowned researcher in cancer epidemiology and prevention and past chair of the Department of Epidemiology, Harvard School of Public Health.

Like ILSI's founding president, Alex Malaspina, PhD, Dr. Trichopoulos was a native of Greece. The two colleagues in science shared a great interest in the role of diet in cancer prevention. In 1981, Dr. Trichopoulos was the first to publish data linking second hand smoke from cigarettes to increased incidence of lung cancer.

His research influenced ILSI's early, important work on inhalation toxicology, which culminated in the 1989 ILSI publication *Assessment of Inhalation Hazards* and provided additional evidence of the harms of second hand smoke.

Join us in remembering this leading pioneer in epidemiology and health.





**Happy New Year to all of  
you from all of us at ILSI.**  
Wishing you a happy and successful 2015.

## Calendar of Events

### **ILSI Annual Meeting**

16 - 21 January 2015  
Chandler, Arizona, USA  
[Program information](#)

### **ILSI Southeast Asia Region Symposium: "Mind the Gap – Nutrition under the Microscope"**

12 March 2015  
Sydney, Australia  
Early bird registration ends 28 February  
[More information](#)

### **ILSI Southeast Asia Region Seminar: "Food Allergens: Science & Challenges for Southeast Asia"**

7 April 2015  
Bangkok, Thailand  
More information will be posted soon

### **SAVE THE DATE**

### **Reunião Anual ILSI Brasil 2015: Ciência, Indústria, Governo e Sociedade: Oportunidades e Desafios**

(ILSI Brasil 2015 Annual Meeting:  
Science, Industry, Government  
and Society: Opportunities and  
Challenges)  
8 – 10 April 2015  
Campos do Jordão, Brazil  
More information will be posted soon

### **ILSI HESI Workshop: Fetal Imaging in Regulatory Developmental Toxicity Studies**

20 – 21 April 2015  
Washington, DC, USA (area, with exact  
location to be determined)  
[Information and draft agenda](#)

### **ILSI Europe Continuing Education Course at EuroTox 2015: Thresholds of Toxicological Concern - Basics and Latest Developments**

13 September 2015  
Porto, Portugal  
Contact Alessandro Chiodini for more  
information: [achiodini@ilsieurope.be](mailto:achiodini@ilsieurope.be)

