Publications

September 2019
ILSI Europe

Founded in 1986, ILSI Europe fosters collaboration among the best scientists from industry, academia and the public sector to provide evidence-based scientific solutions and to pave the way forward in nutrition, food safety, consumer behaviour and sustainability. To deliver science of the highest quality and integrity, scientists collaborate and share their unique expertise in expert groups, workshops, symposia and resulting publications. Whereas ILSI Europe’s activities are mainly funded by its member companies, academic experts involved in our activities contribute through their voluntary work. In addition, ILSI Europe receives funding from the European Union-funded projects they partner with and projects initiated by Member States’ national authorities.

Our scientific portfolio is organised around 6 overarching themes: food safety; exposure and intake assessment; biomarkers and functional effect measurements; gut microbiota and health; nutrition, development and healthy ageing; consumer trust and sustainability. This mapping ensures a multidisciplinary approach and cross-fertilisation in our activities.

Our Vision

We build multi-stakeholder science-based solutions for a sustainable and healthier world.

Our Mission

- We foster collaboration between relevant stakeholders.
- We identify existing and emerging challenges in food, nutrition and health and facilitate proactive practical solutions.
- We communicate and disseminate our scientific output widely.
- Our way of working is designed to deliver science of the highest quality and integrity.

All ILSI Europe activities are conducted under the supervision of ILSI Europe’s Scientific Advisory Committee. ILSI Europe’s bylaws mandate that the Scientific Advisory Committee must be composed of a maximum of 20 experts with more than 50% coming from the public sector. The Scientific Advisory Committee plays an important role in reviewing all activities with respect to their scientific quality, validity and coherence with ILSI Europe’s programme.

The Scientific Advisory Committee also provides scientific advice to the Board of Directors. The Board of Directors must be composed of at least 50% public sector scientists; the remaining directors represent ILSI Europe’s member companies.
To obtain an information package or for further general information about ILSI Europe, please contact:

**ILSI Europe**  
Avenue E. Mounier, 83, Box 6  
B - 1200 BRUSSELS  
Tel. +32 - 2  771.00.14  
www.ilsi.eu  
Fax +32 - 2  762.00.44  
Email: info@ilsieurope.be

Specifically for publications: E-mail: publications@ilsieurope.be

ILSI Europe’s Concise Monographs and Report Series can also be downloaded from [http://www.ilsi.org/Europe/Pages/Publications.aspx](http://www.ilsi.org/Europe/Pages/Publications.aspx)
2019

Practical Guidance to Mitigation of Mycotoxins During Food Processing

A Systematic Review of the Effects of Increasing Arachidonic Acid Intake on PUFA Status, Metabolism and Health-Related Outcomes in Humans

The Use of Next Generation Sequencing for Improving Food Safety: Translation into Practice

Usual dietary treatment of gestational diabetes mellitus assessed after control diet in randomized controlled trials: subanalysis of a systematic review and meta-analysis

Evaluation of New Technology-Based Tools for Dietary Intake Assessment – An ILSI Europe Dietary Intake and Exposure Task Force Evaluation

2018

Understanding Mode of Action can Drive the Translational Pipeline Towards more Reliable Health Benefits for Probiotics

Packaging Materials 10: Adhesives for Food Packaging Applications

Foodborne Viruses: Detection, Risk Assessment, and Control Options in Food Processing
Albert Bosch, Elissavet Gkogka, Françoise S.Le Guyader, Fabienne Loisy-Hamon, Alvin Lee, Lilou van Lieshout, Balkumar Marthi, Mette Myrmel, Annette Sansom, Anna Charlotte

**Gestational Diabetes Mellitus and Diet: A Systematic Review and Meta-analysis of Randomized Controlled Trials Examining the Impact of Modified Dietary Interventions on Maternal Glucose Control and Neonatal Birth Weight**


**Systematic Review of the Evidence for Sustained Efficacy of Dietary Interventions for Reducing Appetite or Energy Intake**


**Recommendations for Characterization and Reporting of Dietary Fibers in Nutrition Research**


**Dietary carbohydrates: a review of international recommendations and the methods used to derive them**


**A workshop on ‘Dietary Sweetness – Is It an Issue?’**


**How does Dose Impact on the Severity of Food-Induced Allergic Reactions, and Can this Improve Risk Assessment for Allergenic Foods?**


**Exposure Assessment of Process-Related Contaminants in Food by Biomarker Monitoring**

Poor cognitive ageing: Vulnerabilities, mechanisms and the impact of nutritional interventions

ILSI Europe's Food Allergy Task Force: From Defining the Hazard to Assessing the Risk from Food Allergens

2017

Systematic Review of the Effects of the Intestinal Microbiota on Selected Nutrients and Non-Nutrients.

Food Packaging: Scientific Developments Supporting Safety and Innovation.

Health Relevance of the Modification of Low Grade Inflammation in Ageing (inflammageing) and the Role of Nutrition

Thresholds of Toxicological Concern for cosmetics-related substances: New database, thresholds, and enrichment of chemical space.

Assessing and Reporting Uncertainties in Dietary Exposure Analysis – Part II: Application of the Uncertainty Template to a Practical Example of Exposure Assessment.

A Review of Characteristics of Dietary Fibers Relevant to Appetite and Energy Intake Outcomes in Human Intervention Trials.
Dietary Fibre in Europe: Current State of Knowledge on Definitions, Sources, Recommendations, Intakes and Relationships to Health.

Origin of the TTC values for compounds that are genotoxic and/or carcinogenic and an approach for their re-evaluation.


Systematic Review Indicates Postnatal Growth in Term Infants Born Small-for-Gestational-Age Being Associated with Later Neurocognitive and Metabolic Outcomes.

Risk Assessment or Assessment of Risk? Developing an Evidence Based Approach for Primary Producers of Leafy Vegetables to Assess and Manage Microbial Risks.

Gut Microbiota Functions: Metabolism of Nutrients and Other Food Components.

Improving Selection of Markers in Nutrition Research: Evaluation of the Criteria Proposed by the ILSI Europe Marker Validation Initiative.

Systematic Review on N-3 and N-6 PUFA Intake in European Countries in Light of the Current Recommendations—Focus on Specific Population Groups.

Can Probiotics Modulate Human Disease by Impacting Intestinal Barrier Function?
2016

**Homeostasis of the Gut Barrier and Potential Biomarkers.**

**Conventional Foods, Followed by Dietary Supplements and Fortified Foods, are the Key Sources of Vitamin D, Vitamin B6 and Selenium Intake in Dutch Participants of the NU-AGE Study.**

**Assessing the Safety of Cosmetic Chemicals: Consideration of a Flux Decision Tree to Predict Dermally Delivered Systemic Dose for Comparison with Concern.**

**Human Intestinal Barrier Function in Health and Disease.**

**Impact of Food Processing and Detoxification Treatments on Mycotoxin Contamination.**

**Considering New Methodologies in Strategies for Safety Assessment of Foods and Food Ingredients.**

**Impact of Diet Composition on Blood Glucose Regulation.**

**Outlook and Challenges of Nanotechnologies for Food Packaging.**

**Recording of Fluid, Beverage and Water Intake at Population Level in Europe.**
Prioritisation of Allergenic Foods with Respect to Public Health Relevance.

Examining Techniques for Measuring the Effects of Nutrients on Mental Performance and Mood State.

Relevance of Microbial Finished Product Testing in Food Safety Management.

2015

The Role of Hazard and Risk-Based Approaches in Ensuring Food Safety.


Postnatal Growth in Preterm Infants and Later Health Outcomes: A Systematic Review.

Towards Microbial Fermentation Metabolites as Markers for Health Benefits of Prebiotics.

Low-Grade Inflammation, Diet Composition and Health: Current Research Evidence and its Translation.

Antioxidant and Anti-Inflammatory Components of Foods.

Guidance on Best Practices on the Risk Assessment of Non-Intentionally Added Substances (NIAS) in Food Contact Materials and Articles.

Zero Risk Does Not Exist: Lessons Learned from Microbial Risk Assessment Related to Use of Water and Safety of Fresh Produce.

Microbial Hazards in Irrigation Water: Standards, Norms and Testing to Manage Use of Water in Fresh Produce Primary Production.

Food Processing and Allergenicity.


A Framework to Determine the Effectiveness of Dietary Exposure Mitigation to Chemical Contaminants.

Food Packaging: Scientific Developments Supporting Safety and Innovation.


Part II: Development and Evolution of Risk Assessment for Food Allergens.
Part III: Translating Reference Doses into Allergen Management Practice: Challenges for Stakeholders.

Establishing the Level of Safety Concern for Chemicals in Food without the Need for Toxicity Testing.


2013


Consideration of Biomarkers to be used for Evaluation of Inflammation in Human Nutritional Studies.

Analytical Approaches for MCPD Esters and Glycidyl Esters in Food and Biological Samples – A Review and Future Perspectives.


Evaluation of the Threshold of Toxicological Concern (TTC) – Challenges and Approaches.

Satiety and Appetite Control Claims Getting it Right for Consumers.
Understanding the Impact of Crop and Food Production on the Water Environment – Using Sugar as a Model

Potential Benefits of Satiety to the Consumer: Scientific Considerations.

Probiotics, Prebiotics and the Gut Microbiota

  *Translated in:* Portuguese. PDF available.

Fatty Acid Esters of Monochloropropanediol (MCPD) and Glycidol in Refined Edible Oils.

2012

Masked Mycotoxins: A Review.


**Articles and Proceedings Submitted for Publication**

**Foodborne Viruses: Detection, Risk Assessment and Control Options In Food Processing.**