# The International ILSI Federation: Collaborative Science for Safe, Nutritious and Sustainable Food

With 10 entities around the world, the International Life Sciences Institute (ILSI) is a global nonprofit organization whose mission is to provide science that improves health and well-being while safeguarding the environment. For the past 46+ years, ILSI has encouraged multidisciplinary, multisectoral research and international cooperation to best address complex science and health issues. ILSI is committed to achieving and maintaining the highest standards of scientific integrity and owns the independent, peer-reviewed journal *Nutrition Reviews*.





# ILSI'S MISSION

ILSI is a global, nonprofit federation dedicated to generating and advancing emerging science and groundbreaking research to ensure foods are safe, nutritious and sustainable, and that they improve planetary and human health and well-being in the 21st century.

ILSI convenes scientists at the forefront of research on nutrition, food safety and sustainability, and operates within a framework of the highest principles of scientific integrity. ILSI's trusted experts and volunteers around the world work synergistically and transparently across academia and the public and private sectors.

## **ILSI'S VISION**

ILSI envisions a future where its thought leadership positively impacts health and sustainability through decisions informed by science, and provides input to overcome global food challenges through collaboration across sectors.





Platinum Transparency **2024** 

Candid.



## **KEY PROGRAMS OF ILSI'S INTERNATIONAL ENTITIES**

#### Programmatic areas common to many ILSI entities:

- New food technologies, such as alternative proteins, cultivated foods, clean label foods, GMO
- Sustainable nutrition
- Sustainable packaging
- Food safety assessment (microbiological, chemical, Standards and guidelines allergy and novel additives)
- Healthy aging and nutrition across life stages
- Targeted/personalized nutrition

## **ILSI'S REACH**

ILSI works with 175 companies and more than 2,000 experts from academia, government, and industry around the world, reaching thousands of stakeholders.

#### In 2024. ILSI had:

- 10 entities worldwide
- 26 scientific articles published
- 76 workshops, conferences, and scientific meetings
- 33,726 science video views on YouTube

### In addition, ILSI Global emails can reach up to 6,400+ people.

There are 13,000+ followers across ILSI Global's social media channels.

- Bioactives and functional foods
- The microbiome (including pre-, pro- and postbiotics)
- New methodologies for food testing
- Sustainable food production (organic farming, water management, reducing food waste)



## **ILSI'S COLLABORATIVE WORK**

For more than 46 years, ILSI has worked with experts from government, academia, and industry, as well as researchers from nongovernmental organizations and high-level international organizations. By convening international authorities on nutrition, food safety, and sustainability, ILSI brings innovation, fresh thinking, global experience, and diverse perspectives to the table for the sole purpose of improving global public health.

# **ILSI's Core Strengths**

## **Diet & Nutrition**

#### Nutrients

- Macronutrients
- Micronutrients
- Minerals
- Vitamins
- Bioactives

#### Healthy Aging

- Vitamins
  - Minerals
  - Protein
  - Cognition
  - Immunity
- Physical Activity and Mobility
- Microbiome

## Food Safety

- Risk Assessment
  - Allergens
  - Contaminants
  - Forever
  - Chemicals
  - Packaging
- Toxicological
- Pathogens
- Allergens
- Detection/ Methodologies

### **Food Sustainability**

- Food Diversity
- Food Security

Climate Change

# Scientific Pathways

- Research Studies
- Data Analysis
- Guidelines and Standards
- Scientific Meetings
- Scientific
  Education
- Capacity Building
- Nutrition/Food Safety Online Courses

# **ILSI LOOKING FORWARD**

These new topic areas, which are featured in ILSI's events and publications, represent potential future areas of our core strengths that require capacity building and development.

- Climate Change
- Sustainable Development
- Zero Food Waste
- Alternative Proteins
- Soil Regeneration
- Water Conservation
- Green-by-Green Design
- CRISPR

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# Impactful, Interdisciplinary Research from ILSI U.S. and Canada



For more than 46 years, ILSI's scientific activities have spread to most parts of the world. ILSI continues its work by strengthening its reach to include addressing global research needs in the U.S. and Canada.

The ILSI U.S. and Canada Research Program seeks research collaborations with organizations, institutions, and companies that share our commitment to—and consideration for improving health, well-being, and environmental stewardship.

# The Value of Working with ILSI Participate in important research projects without paying a membership fee!

In addition, you will collaborate on projects and research in a cost-effective way by pooling resources; gain greater visibility and credibility; contribute to trusted and impactful science; and access a multidisciplinary network of leading experts.

# **Our Forward-Looking Research Portfolios**

## Nutrition

- 1. Applications of Globally Harmonized Nutrients
- 2. Bioactives, Functional Foods, and Supplements
- 3. Healthy Aging, Geriatrics, and Sarcopenia

- Food Safety
  - 1. Risk Assessment of Cultivated Food Products
- Sustainability

*Launching soon:* New research portfolios addressing food waste, nutrition security, food accessibility and distribution.