



International Life Sciences Institute India



## About ILSI India

An Organization Devoted to Improve  
Public Health through Science

## About ILSI

Established in 1978, **ILSI is a global, non-profit federation** dedicated to generating and advancing emerging science and ground-breaking 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 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.

ILSI's work is guided by its *Code of Ethics, Principles for Scientific Integrity and Organizational Standards of Conduct*. ILSI accomplishes this work through its worldwide network of ILSI Entities. ILSI's scientific publications are duly recognized all over the world. They include the *Journal, Nutrition Reviews*, and the books, *Present Knowledge in Nutrition and Present Knowledge in Food Safety*. ILSI's Global headquarters office is in Washington D.C. Please visit [www.ilsi.org](http://www.ilsi.org) for more information on ILSI and its network.

## Global Network

ILSI and ILSI Entities work very closely through the following mechanisms: The **ILSI Management Team**, comprising of Executive Directors of ILSI Global and 10 ILSI Entities across the globe and through the **ILSI Assembly of Members** and the **ILSI Board of Trustees**.



## What is ILSI India?

- ILSI India is a nonprofit scientific foundation with a focus on nutrition, health and wellness; food and water safety; agriculture sustainability; and risk assessment and the environment.
- ILSI India works for the South Asian Region with its headquarters in New Delhi and Country Committees in Bangladesh, Nepal, Bhutan and Sri Lanka.



- ILSI India brings together scientists from government, industry and academia to discuss issues affecting public health.
- The Board of Trustees has 50% of its trustees from academia and 50% from industry. The Chair is from academia and the President is from industry.
- ILSI India follows the ILSI Mandatory Policies as well as ILSI's Principles for Scientific Integrity in all its activities.

## What does ILSI India do?

### Sharing Scientific Knowledge

- ILSI India's involvement with international organizations and international experts is especially important in developing guidelines for local use.
- ILSI India organizes conferences, seminars, workshops on current public health issues with the participation of concerned governmental representatives, academia and industry representatives. However, ILSI does not lobby or advocate for policy positions. Instead, it offers scientific evidence on the public health aspects of foods.
- ILSI India publishes monographs and articles to communicate the latest developments around the world on issues of interest in India and the South Asian Region.
- ILSI India provides access to latest scientific knowledge to the stakeholders. It publishes monographs, reports and articles in peer-reviewed journals on the areas in which it works. It publishes a fortnightly newsletter titled “News You Can Use,” which provides information on the latest research in food safety, nutrition and health, non-communicable diseases (NCDs), physical activity and lifestyle, the gut microbiome, agriculture and climate change. This regular newsletter has received a lot of appreciation. Another Newsletter “K-FFIG Research Brief” provides updates on latest research in Gut Microbiome and Functional Foods.
- ILSI India addresses critical and emerging scientific issues and ensures that only quality, impactful science is pursued.



### Conducts Research and Studies

ILSI India sponsors scientific research and surveys to generate data for improving the safety foods and for improving nutritional quality of foods. Recently, ILSI India has sponsored research on:

- The Effect of a Short-Term Lysine Supplementation in Improving Muscle Strength in Pre-pubertal Indian Girls.
- Optimal Vitamin D Supplementation Strategies for Vitamin D Deficient Boys With Type 4 & 5 Skin.
- Evaluation of UV Index in Different Regions of India.
- Review on Ageing and the Elderly: What Factors Contribute to Healthy vs. Pathological Ageing in Countries Across Regions and With Varying Levels of Economic Development?.
- Study on the Assessment of Sugar Consumption Levels Among Rural and Urban Population and 7 Metropolitan Cities in India.
- Study on the Assessment of Consumption of Fat and Saturated Fat Levels among Rural and Urban Population and 7 Metropolitan cities in India.



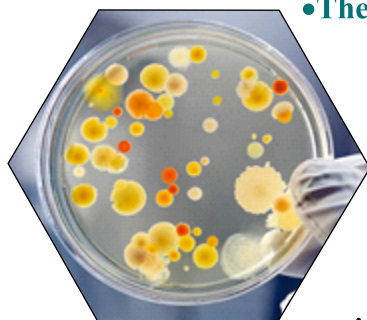
### Some of the recently sponsored ILSI India studies at premier research institutes are:

- The Association of Depression and Anxiety with Nutrient Intake Across the Lifespan.
- Factors Affecting Brain Health and Development: A Lifecycle Approach.
- Micronutrient Status of Covid-19 Hospitalized Patients.
- The Efficacy of Nutraceuticals (probiotics, prebiotics or synbiotics) in the Prevention or Treatment of Covid-19.
- Dairy Food Consumption and Its Relation to Metabolic Syndrome and Diabetes in Asian Adults.
- The Use of Probiotics for Nutritional Enrichment of Product.
- Non-Nutritive Sweeteners and their Role in Insulin Regulation and Related Metabolic Factors.
- Nutrient Risk Assessment -Vitamins, Minerals and Bioactive Compounds.
- Best Practices for Ethical Conduct of Human Intervention Studies for-Novel Food / Ingredients / Processes / Technology / Claim Substantiation.
- Integrated Food Chain Surveillance for Enhancing Food Safety-A Model Approach.
- Global Initiatives to Reduce Post-Harvest Food Losses and Waste.



### Works through Center of Excellence and Expert Committees

- ILSI India works on latest emerging issues. For example, ILSI India gives focused attention to gut health and the microbiome. In 2019 ILSI India established a unique center of excellence called the “Knowledge Center for Functional Foods, Immunity and Gut Microbiome” or K-FFIG, which has its own Governing Council. It is a Think Tank and has set up a Resource Center, conducts scientific meetings, sponsors studies and surveys and publishes monographs.



- The ILSI India Scientific Integrity Committee (SICI) and The ILSI India Scientific Advisory Committee (I-SAC) provide significant inputs on activities to be undertaken by ILSI India.

- Expert Committees provide suggestions on new fields of research and practical application on diverse areas, such as alternatives to animal testing for food safety and nutrition; improving nutrition profile; brain health; nanotechnology; food processing technologies, technologies to improve productivity in agriculture; climate change and its impact on food, nutrition security and water availability; risk assessment; as well as strategies to check post-harvest losses and food losses.

### Undertakes Capacity Building Activities

- ILSI India's capacity building activities are given great deal of importance by government and academic institutions. For example, the Training Program on Good Food Laboratory Practices is being used as a model training program by Food Safety and Standards Authority of India (FSSAI) for laboratories affiliated with it.
- ILSI India along with The International Food Biotechnology Committee of ILSI (IFBiC) has provided critical, up-to-date scientific information to





government, industry and academia. Training programs and workshops have been conducted on sampling and detection methods at CSIR- Indian Institute of Toxicology Research (IITR), Centre for DNA Fingerprinting and Diagnostics (CDFD) and ICMR-National Institute of Nutrition (NIN). A large number of conferences have been organized on new technologies for improving productivity in agriculture since 1999. The new technologies have included GM and new plant breeding technologies.

### **Encourages Young Scientists through ILSI India Awards**

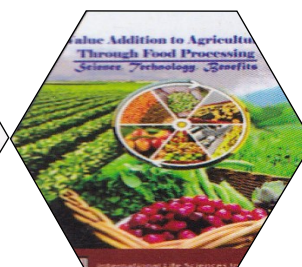
- To encourage early-career scientists and researchers, in 2021 ILSI India launched the ILSI India Young Scientist Awards for Exceptional Contributions for Improving Public Health in the Areas of Food Safety, Nutrition and Well Being .



## **Benefits of ILSI India's Scientific Work**

ILSI India has had an interesting journey since 1997. It has been in the forefront of activities relating to food and water safety, nutrition, risk sciences and agricultural sustainability in India and other countries in the SAARC region.

The high quality of the scientific information generated at its workshops, conferences, research programs and publications have provided guidance to the scientists from government, industry and academia on the actions to be undertaken in their areas of work. Capacity building activities conducted by national and international experts have imparted the necessary skills to the participants. ILSI India's Pioneering Activities can be accessed from: <http://www.ilsa-india.org>.



ILSI India's model of work as a tripartite organization working with national and international scientists and experts from public sector, private sector and academia has been unique and has enabled it to address some of the critical issues in area of food safety and nutrition in an efficient and effective manner benefiting public health.

### **General Public benefits through:**

- Improvement in nutrition status.
- Increased availability of safer, nutritious foods and better quality of water.
- Better health and lower susceptibility to diseases.
- Access to science based information on variety of subjects.



### **Scientific Community benefits through:**

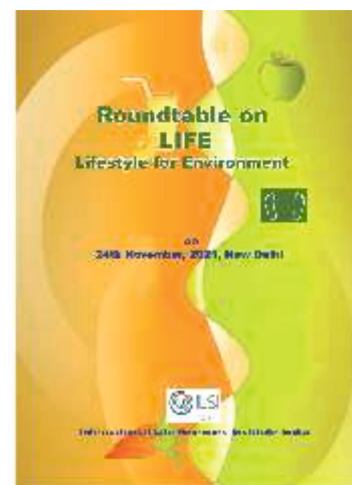
- Access to latest knowledge and research efforts and interaction with internationally acclaimed scientists.
- Skill development through participation in capacity building activities.
- Participation in ILSI and ILSI Entities activities across the globe.

### Government benefits through:

- Availability of latest scientific findings necessary for science based decision making.
- Technical assistance in improving public health.
- Capacity building.

### International Organizations benefits through:

- Sharing of experiences, expertise and funds in areas of common interest and organization of activities in a professional manner.
- ILSI India meetings, research projects and publications have contributed to the following United Nations Sustainable Development Goals: GOAL 2: Zero Hunger; GOAL3: Good Health and Well- being; GOAL 9: Industry, Innovation and Infrastructure; GOAL 12: Responsible Consumption and Production; GOAL 13: Climate Action and GOAL17: Partnerships to Achieve the Goal



### Industry benefit through:

- Availability of technical inputs for improving quality of food products, ingredients and introduction of new products.
- Availability of information on a wide range of subjects including food safety, nutrition, new technologies in food processing as also improving agriculture sustainability, toxicology, risk assessment and environment including climate change.
- Networking with global scientific community and other ILSI Entities.
- Capacity building.



## ILSI India As A Catalyst

ILSI India is unique and has the capacity to address many issues in a scientific manner, which has been demonstrated in ILSI India's monograph on "Science for Public Health". Visit ILSI India's website at <http://www.ilsa-india.org/PDF/Monograph-ScienceForPublicHealth.pdf> or request a copy of the Monograph.



## Contact us

If you are interested to learn more about our programs, or how you or your organization can participate as a partner, please contact us:

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