



# ION LIVE SCIENCE LIMITED

FOR GOOD HEALTH

([www.ionlivescienceltd.com](http://www.ionlivescienceltd.com))

Since: 2015



Ref: ION/IRP/RDG/2026/P-001

Date: 01/05/2026

## Innovative Research Project (IRP)

Research and Development Grant (RDG)

### Call for Research Proposal

**Title: “A Comparative Study on Wheat Flour Consumption Habits and Glycemic Control among Diabetic Patients in Rural vs. Urban Bangladesh”**

**Ion Live Science Limited (ILSL)** is a certified, innovation-driven company in Bangladesh focusing on research, development, and commercialization of health-promoting and environmentally responsible products. Since initiating its research activities in 2017, the company has been actively engaged in developing scientifically validated products including mineral-enriched alkaline water, functional nutrition products, and bio-based consumer solutions.

**ILSL** has achieved certifications from **ISO 9001:2015**, **SGS Singapore**, **BSTI**, **BCSIR**, and the **Department of Environment (DoE)** for Zero Liquid Discharge (ZLD). The company has successfully commercialized Ion Alkaline Packaged Water (July 2024) and continues to expand its research into nutrition science, biotechnology, cosmetics, and biomedical sectors.

The **Research and Development Grant (RDG)** is one of the major initiatives of ILSL. It aims to foster applied research and innovation in health, nutrition, and biotechnology sectors by supporting industry-academia collaboration and generating solutions for public health challenges.

#### Objective of the Call:

This research aims to investigate dietary patterns related to wheat flour consumption and their impact on glycemic control among diabetic patients across rural and urban populations in Bangladesh. The study will support the development of improved dietary solutions and functional food products for diabetes management.

#### Scope of Research:

Proposals may include, but are not limited to:

- Dietary assessment of wheat flour consumption patterns
- Comparative analysis of glycemic indices in rural vs. urban populations
- Impact of different wheat flour types (refined, whole grain, fortified)
- Socioeconomic and lifestyle influences on diabetic dietary habits
- Development of improved or functional wheat-based dietary solutions

**Duration of the Project:** 12 months.

**Eligibility for Receiving RDG:** Faculty members/researchers from Public universities, Private universities, Research institutes and medical colleges possessing permanent certificates are eligible to apply. Each project shall have one Principal Investigator (PI), one Associate Investigator (AI) and a researcher.

**Funding Support:** Budget for the project BDT 1.0 Lac. (Initially, 50% of the grant will be disbursed, and the remaining 50% will be released upon submission of a satisfactory progress report. The grant shall be managed by the Principal Investigator (PI) through a separate bank account. Up to 30% of the grant may be used to provide fellowships for researchers).

**Submission:** Sub-project proposals should be submitted both (i) online at [info@ionlivescienceltd.com](mailto:info@ionlivescienceltd.com) and (ii) as signed hard copies to the Project Director, IRP. **Four (04)** hard copies of the proposal should be submitted to the office of the ILSL (Flat # 7/C, Plot # 3/1, Block- F, Lalmatia, Dhaka-1207) by 20-05-2026.

#### Submission Guidelines:

- Proposal must include:
  - Research objectives and methodology
  - Work plan and timeline
  - Budget breakdown
  - Expected outcomes and impact
- Proposal must submit through institution
- Academic certificates and experience documents of PI and AI.

#### Expected Outcomes:

- Evidence-based insights on wheat flour consumption and diabetes management.
- Recommendations for improved dietary practices.
- Potential development of functional food products (e.g., diabetic-friendly flour).
- Publication in peer-reviewed journals and/or policy briefs.