





# FORMULATING A NUTRITION SCIENCE RESEARCH AGENDA

More than three billion people are affected by malnutrition—both undernutrition and overnutrition—in developed and developing countries. It is well documented that those who struggle with poor nutrition suffer from cognitive development problems, are sick more often, are more prone to disease, and die younger than their nutritionally secure counterparts. There is near-universal support for a high-level, coordinated effort to identify core areas of nutrition science research and strategically apply work in these areas to remedy the global crisis in malnutrition.

To respond to this challenge, the New York Academy of Sciences (NYAS) has established The Sackler Institute for Nutrition Science with a founding gift from The Mortimer D. Sackler Foundation, Inc. The Sackler Institute is dedicated to **advancing nutrition science research and knowledge, mobilizing communities, and integrating scientific evidence into field work.** The work of formulating a nutrition science research agenda is fully supported with funding from foundations and nonprofit organizations. The Institute will be collaborating with the World Health Organization, as well as other public sector organizations, on this project, aimed at supporting the ongoing efforts of WHO to develop a prioritized agenda for nutrition science research.

The Sackler Institute is convening scientific leaders from around the world to evaluate and communicate the body of evidence in specific priority areas, identifying gaps that exist and developing scientific roadmaps that set forth promising directions in nutrition science research. This work is essential to promote dialogue between scientists, systematically assess knowledge in different areas of nutrition, develop the rationale for research priorities, and identify best practices for evidence-based interventions.

## OBJECTIVES AND DELIVERABLES

-  A Nutrition Science Research Advisory Group will be tasked to scope the nutrition science arena, identify research topics immediately relevant to today's nutrition challenges, and leverage basic and applied research to create a strategic agenda detailing critical nutrition science research topics.
-  Working Groups in each area identified by the Advisory Group will develop and publish roadmaps of research and implementation strategies for the specific research topics identified by the prioritized agenda.
-  The outcomes of this work will be broadly disseminated to scientists, international organizations, NGOs, advocacy groups, in-country organizations, foundations, and government bodies.
-  These groups will also map out next steps and articulate a call to action to mobilize scientists and others in the nutrition field to support the outlined priorities. Other programs within the Sackler Institute will be devoted to carrying out this work.





THE SACKLER INSTITUTE  
*for* NUTRITION SCIENCE

AT THE NEW YORK ACADEMY OF SCIENCES