European nutrigenomics organisation - linking genomics, nutrition and health research

Fact Sheet

**Objective**

NuGO establishes a world-leading network for the integration and development of nutritional genomics in Europe. Nutrition and health research is focussed on the prevention of disease by optimising and maintaining cellular, tissue, organ and whole-body homeostasis. This requires understanding, and ultimately regulating, a multitude of nutrient-related interactions at the gene, protein and metabolic levels. Thus both the science and application of human nutrition are optimally positioned to benefit from the new genomic approaches to biology, using transcriptomics, proteomics and metabolomics. These new disciplines and their attendant technologies are changing the paradigms of health research. Our proposal will enable nutrition research to fully complement the biomedical and pharmacological research communities that are currently using genomics for the development of curative therapy. A key objective of the network will be the development, data-warehousing and exploitation of nutrition and health-related bioinformatics for the benefit of European nutrition researchers, and for the community as a whole. By executing a joint programme of activities, the network will strengthen the integration of research structures, and facilitate research, education, communication, commercialisation and dissemination, at the interface of genomics and genetics with nutrition and health.
Programme(s)
FP6-FOOD - Food Quality and Safety: Thematic priority 5 under the Focusing and Integrating Community Research programme 2002-2006.

Topic(s)
FOOD-2002-T10 - Functional genomics in relation to food, nutrition and health

Call for proposal
FP6-2002-FOOD-1
See other projects for this call

Funding Scheme
NoE - Network of Excellence

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