

Science Centric | Thursday, 17 January 2008



# SCIENCE CENTRIC

HOME | SCIENCE NEWS | COMPENDIUM | RESOURCES

Topics — [Physics](#) | [Chemistry](#) | [Geology & palaeontology](#) | [Biology](#) | [Environment](#) | [Astronomy](#) | [Health](#)

MESSENGER reveals Mercury in new detail

## Scientists study the link between nutrition of the children and adult diseases



Science Centric  
— 17 January 2008 | 04:44 GMT

### Asthma Support, Drug-Free

Fast Acting Long-term Asthma Relief 99% Success Rate,  
100% Guaranteed!  
[New.Asthma.Cure.at.MicroNutra.com](#)

### Alternative Medicine News

Cancer, heart disease, diabetes, allergies -- alternative  
solutions  
[www.altmedresource.com](#)

### Information on Obesity

Go to The New York Times for the most up-to-date health  
news  
[www.nytimes.com](#)

Researchers from the Department of Paediatrics of the University of Granada, in collaboration with another 38 universities and companies from 16 European countries, will study the effects of children's nutrition on the onset of cardiovascular problems, diabetes, obesity, allergies, weak bones, neuromotor functioning and children's behavioural aspects. The EARNEST project (The Early Nutrition Programming Project) aims to help in the development of policies, information campaigns, documents, guides and recommendations on the nutritional components of children's food, for the improvement of children's formulas. It also collaborates in the design of plans preventing and avoiding nutrition effects on the metabolism.

Thanks to this project, the University of Granada becomes the only Spanish investigation centre taking part in this ambitious initiative, the first of its kind in Europe. Cristina Campoy Folgoso, the professor heading this initiative in Granada, emphasises that the 'early nutrition programming' is quite a recent subject in the health and science field today. 'Different studies show how food can have long-term consequences in children's growth and health during pregnancy, the breast-feeding period and childhood. Moreover, food can also have influence over the later onset of diseases,' states the researcher.

This project aims to answer the question about the extent of nutrition effects of prenatal, postnatal, and infant diets of someone among the current European population in critical periods of development as well as the efficiency of actions preventing and avoiding long, medium and short-term metabolic effects on health.

The project will tackle randomly assigned clinical tests and nutritional interventions during pregnancy and childhood, pilot studies, tests on animals, cells and genomics, as well as social and economic studies connected with nutrition in the first stages of life and their significance in the development of later diseases. The researchers hope to find the genetic mechanism of diseases such as diabetes and obesity with this project. 'Obesity, a growing global epidemic, begins, partly, during child development — explains professor Campoy Folgoso. It is known that breast-fed children's growth kinetics differ from those fed with commercial foods. These children easily gain weight and height. Considering these consequences, linked with eating habits, the purpose of this project is to study whether breast-feeding can prevent a later risk of obesity.

Source: [Universidad de Granada](#)

### Children Nutrition

Save Time. We Have The Top 5 Sites For Nutrition Info &  
Help.  
[nu-trition.net](#)

### Asthma Support, Drug-Free

Fast Acting Long-term Asthma Relief 99% Success Rate,  
100% Guaranteed!  
[New.Asthma.Cure.at.MicroNutra.com](#)

### Ayurveda Consultancy

Get Well the natural way consult with famous Ayurveda  
doctor  
[www.AyurvedaCures.com](#)

LATEST | MOST POPULAR | ARCHIVE

Calcium supplements may increase heart attacks in older women  
How does Fu-Zheng-Jie-Du-Decoction act on PTEN expression in hepatocellular carcinoma?  
Scientists define the role of eye cancer gene in retinal development  
Drought length influences survival of fish in stream pools  
New pathway provides more clues about BRCA1 role in breast cancer  
Researchers find association between food insecurity and developmental risk in children  
Toxoplasma infection increases risk of schizophrenia  
Findings point to molecular Achilles heel for half of breast cancer tumours  
Mars rover investigates signs of steamy Martian past  
Adapting to pregnancy played key role in human evolution  
Enormous new dinosaur  
Voyager 2 proves solar system is squashed  
Flurry of Geminid meteors lights up December sky  
The Milky Way has a double halo  
Simple recipe turns human skin cells into embryonic stem cell-like cells  
Supercomputer simulation of universe may help in search for missing matter

2007  
— [I](#) [II](#) [III](#) [IV](#) [V](#) [VI](#) [VII](#) [VIII](#) [IX](#) [X](#) [XI](#) [XII](#)

2008  
— [I](#)

Share — [del.icio.us](#) | [Digg](#) | [Facebook](#) | [Newsvine](#) | [reddit](#) | [StumbleUpon](#)