



# THE EARLY NUTRITION PROGRAMMING PROJECT

Project Number: FOOD-CT-2005-007036

Acronym: EARNest

(EARly Nutrition programming – long term follow up of Efficacy and Safety Trials and integrated epidemiological, genetic, animal, consumer and economic research.)

## What is the Early Nutrition Programming Project?

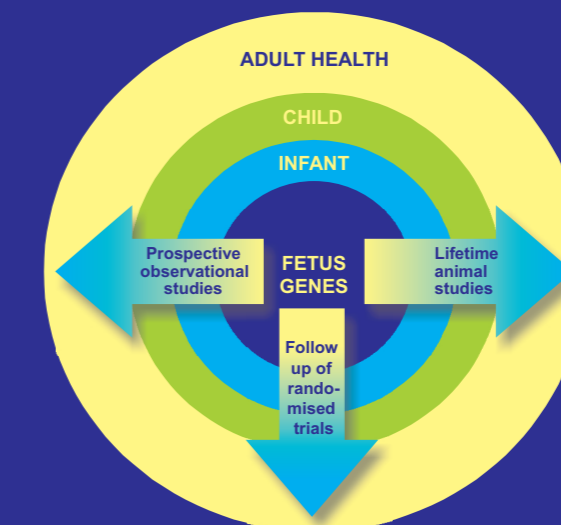
The Early Nutrition Programming Project is a large collaborative investigation into the long-term consequences of early nutrition by metabolic programming. It brings together a multi-disciplinary team of scientists from 40 institutions in 16 European countries.

It is funded under the Food Quality and Safety Priority of the Sixth Framework Programme for Research and Technical Development of the European Community (FOOD-CT-2005-007036). The EU is contributing 13.4 million euros towards a total cost of 16.5 million euros.

The project will run from 2005 to 2010 and is being coordinated by Professor Koletzko of the Children's Hospital, University of Munich, Germany.

It will investigate early nutrition programming using an approach which integrates knowledge from randomised controlled trials, prospective observational studies and animal, cellular and molecular techniques. This will enable a better understanding of the extent to which nutritional influences in early life can programme a person's development, metabolism and health in adulthood.

Other aspects of the project include studies to investigate consumer attitudes to early nutrition programming and the economic importance of early nutrition programming.



## Disclaimer

This project is being carried out with financial support of the European Communities, under the 6th Framework Programme for Research and Technical Development, specific thematic priority "Food Quality and Safety", Area of Work "Impact of Food on Health". It does not necessarily reflect the Commission's views and in no way anticipates its future policy in this area.



**Front row (left to right)** - Doris Oberle, Eva Rosenfeld, Heather Gage, Mijna Hadders-Algra, Silvia Scaglioni, Darek Gruzfeld, Anne Sengier, Francoise Martin, Bert Koletzko, Douwina Bosscher, Jeannette Kluess, Veronika Dietz, Jaab Joles

**Second row (left to right)** - Louisa Djekane, Mary Fewtrell, Veronica Luque, Cornelia Metges, Maria Rodriguez-Palmero, Monserrat Rivero, Joaquin Escribano, Manolis Kogevinas, Lucilla Poston, Andre van Assche, Ursula Mitzka-Schnabel, Marie-Francoise Cachera, Margaret Ashwell

**Third row (left to right)** - Monique Raats, Sjurdur Olsen, Katherine Mace, Julia von Rosen, Jorm Olsen, Michael Symonds, Jane Morgan, Joachim Schmidt, Bernadette Breatn

**Back row (left to right)** - Mats Stromqvist, Vidar Wendel-Hansen, Anne de la Hunty, Aldert Piersma, William Rees, Francisco Guarner, Paul Bikker, Joachim Heinrich, Marc Catchpole, Lorraine Gambling, Harry McArdle

**Also present**  
Hans Demmelmair, Rudiger von Kries, Tamas Decsi, Cristina Campoy, Sophie Moore, James Armitage, Nystad Wenche, Richard Martin, Anna Stolarczyk, Erika Isolauri, Kirsi Laitinen, Vanessa Bol, Kellie Rance, Susan Ozanne, Francois Tronche, Jan Kopecky, Philipp Grunert, Niels Straub, Ricardo Closa, Rhonda Smith, Isabelle de Froidmont-Goertz

## COORDINATOR

**University of Munich**  
Dr. von Hauner Childrens' Hospital,  
Lindwurmstr. 4, 80337 Munich, Germany  
Phone: +49-89-5160 2816  
Fax: +49-89-5160 3487

**Prof Berthold Koletzko**,  
programming@med.uni-muenchen.de  
**Dr Hans Demmelmair**,  
programming@med.uni-muenchen.de  
**Brigitte Anton**,  
programming@med.uni-muenchen.de  
**Martina Scheer**,  
programming@med.uni-muenchen.de

## PARTNERS

**University of Munich**  
Dr. von Hauner Childrens' Hospital,  
Lindwurmstr. 4, 80337 Munich, Germany

**Prof Berthold Koletzko**,  
programming@med.uni-muenchen.de  
**Prof Rüdiger von Kries**,  
Ruediger.Kries@med.uni-muenchen.de  
**Eva Rosenfeld**,  
eva.rosenfeld@med.uni-muenchen.de  
**Dr Hans Demmelmair**  
programming@med.uni-muenchen.de  
**Brigitte Anton**  
programming@med.uni-muenchen.de  
**Philipp Grunert & Niels Straub**  
post@imsp.de

**Medical Research Council, Institute of Child Health**  
30 Guilford Street, London, WC1N 1EH  
United Kingdom

**Prof Alan Lucas**,  
cnrc@ich.ucl.ac.uk  
**Dr Mary Fewtrell**,  
m.fewtrell@ich.ucl.ac.uk  
**Prof Atul Singhal**,  
a.singhal@ich.ucl.ac.uk  
**Kathy Kennedy**  
k.kennedy@ich.ucl.ac.uk

**University of Pécs**,  
József A. utca 7, 7623 Pécs, Hungary

**Prof Tamás Decsi**,  
tamas.decsi@aok.pte.hu

**University of Granada**,  
Department of Pediatrics, Ayda. de Madrid 11, 18012  
Granada, Spain

**Prof Cristina Campoy**,  
ccampoy@ugr.es

**Medical Research Council, London School of Hygiene and Tropical Medicine**  
International Nutrition Group, Nutrition and PH  
Intervention Research Unit  
London School of Hygiene and Tropical Medicine,  
Keppel Street, London, WC1E 7HT United Kingdom

**Prof Andrew Prentice**  
andrew.prentice@lshtm.ac.uk  
**Dr Sophie Moore**  
sophie.moore@lshtm.ac.uk

**Kings College London**  
Maternal and Fetal Research Unit, Lambeth Palace  
Road, London, SE1 7EH United Kingdom

**Prof Lucilla Poston**,  
lucilla.poston@kcl.ac.uk

**Danish Epidemiology Science Centre**  
Statens Serum Institut Artillerivej 5, 2300 Copenhagen,  
Denmark

**Prof Sjurdur F. Olsen**,  
sfo@ssi.dk

**University of Aarhus**,  
Bldg 260, Vennelyst Boulevard 6, 8000 Aarhus C,  
Denmark

**Prof Jorm Olsen**,  
jo@soci.au.dk

**Municipal Institute of Medical Research**  
Dr. Aiguader, 80, 08003 Barcelona, Spain

**Prof Manolis Kogevinas**,  
kogevinas@mim.es  
**Gemma Perello**,  
gperello@IIMM.ES

**Institute of Public Health**  
Marcus Thranes gate 6, 0403 Oslo, Norway

**Prof Per Magnus**,  
per.magnus@fhi.no

**University of Bristol**  
Department of Social Medicine, Canynge Hall,  
Whiteladies Road, Bristol, BS8 2PR United Kingdom

**Prof George Davey-Smith**,  
zetkin@bristol.ac.uk  
**Dr Richard Martin**,  
richard.martin@bristol.ac.uk  
**Prof Andy Ness**,  
Andy.Ness@bristol.ac.uk

**The Children's Memorial Health Institute**  
Al. Dziece Polskich 20, 04-730 Warsaw, Poland

**Prof Jerzy Socha**,  
socha@czd.waw.pl  
**Dr Darek Gruszfeld**  
dgruszfeld@poczta.fm

**National Research Centre for Environment and Health**  
Ingolstädter Landstr. 1, 85764 Neuherberg, Germany

**Dr Joachim Heinrich**,  
joachim.heinrich@helmholtz-muenchen.de

**University Medical Centre Groningen**  
Hanzaplein 1, 9713 GZ Groningen,  
The Netherlands

**Prof Mijna Hadders-Algra**,  
m.hadders-algra@med.umcg.nl

**Turku University Central Hospital**  
Klininmylynkatu 4-8, 20520 Turku, Finland

**Jari-Pekka Tuominen**  
jari-pekka.tuominen@tyks.fi  
**Prof Erika Isolauri**  
erika.isolauri@utu.fi

**University of Nottingham**  
University Park, Nottingham, NG7 2RD  
United Kingdom

**Prof Michael Symonds**,  
Michael.Symonds@nottingham.ac.uk  
**Dr Simon Langley-Evans**,  
simon.langley-evans@nottingham.ac.uk  
**Julia Pyne**,  
Julia.Pyne@nottingham.ac.uk

**Université Catholique de Louvain**  
Place de l'Université, 1348 Louvain-la-Neuve, Belgium

**Dr Claude Remacle**,  
remacle@bani.ucl.ac.be  
**Vanessa Bol**,  
bol@bani.ucl.ac.be  
**Dr Brigitte Reusens**,  
reusens@bani.ucl.ac.be

**University of Leuven**  
Minderbroedenstraat 17, 3000 Leuven, Belgium

**Prof André van Assche**,  
info@ebco.org  
**Prof Chantal Mathieu**,  
Chantal.Mathieu@med.kuleuven.ac.be

**Rowett Research Institute**  
Greenburn Road, Bucksburn, Aberdeen, AB21 9SB  
United Kingdom

**Prof Harry McArdle**,  
h.mcardle@rowett.ac.uk  
**Dr Lorraine Gambling**,  
L.Gambling@rowett.ac.uk  
**Dr Bill Rees**,  
wdr@ri.sari.ac.uk

**University of Cambridge**  
The Old Schools, Trinity Lane, Cambridge, CB2 1TS  
United Kingdom

**Dr Susan Ozanne**,  
Seo10@mole.bio.cam.ac.uk

**Research Institute for the Biology of Farm Animals**  
Wilhelm-Stahl-Allee 2, 18196 Dummerstorf, Germany

**Prof Cornelia Metges**,  
metges@fbn-dummerstorf.de

**Centre National de la Recherche Scientifique**  
College de France 11, Place Marcelin-Berthelot, Cedex  
16, 75005 Paris, France

**Dr Francois Tronche**,  
francois.tronche@college-de-france.fr

**Inserm**  
48 Boulevard Serurier, Cedex 19, 75935 Paris, France

**Dr Bernadette Breatn**  
bernadette.breatn@bhd.c.jussieu.fr

**National Institute for Public Health and the Environment**  
Antonie van Leeuwenhoeklaan 9, 3720 A Bilthoven, The  
Netherlands

**Dr Aldert Piersma**,  
ah.piersma@rivm.nl

**Institute of Physiology**  
Videnska 1042, 14220 Prague, Czech Republic

**Dr Jan Kopecky**,  
kopecky@biomed.cas.cz  
**Dr Martin Rossmels**,  
rossmels@biomed.cas.cz

**University Medical Centre**  
Nephrology F03.223, PO Box 85500, 3508 GA Utrecht,  
The Netherlands

**Dr Jaap A. Joles**,  
j.a.joles@med.uu.nl

**University of Surrey**,  
Food, Consumer Behaviour and Health  
Research Centre, School of Human Sciences, Guildford,  
Surrey, GU2 7XH United Kingdom

**Dr Monique Raats**,  
m.raats@surrey.ac.uk  
**Dr Jane Morgan**,  
j.morgan@surrey.ac.uk  
**Heather Gage**,  
H.GAGE@surrey.ac.uk

**Schothorst Feed Research**  
PO Box 533, 8200 AM Lelystad, The Netherlands

**Dr Paul Bikker**,  
Pbikker@schothorst.nl

**Ashwell Associates**  
Ashwell Street, Ashwell, Hertfordshire  
SG7 5PZ, United Kingdom

**Dr Margaret Ashwell**,  
margaret@ashwell.uk.com  
**Anne de la Hunty**  
annedelahunty@btinternet.com  
**Sally Oakley**  
sally@business-presentations.co.uk

**Dr Margaret Ashwell**,  
margaret@ashwell.uk.com  
**Anne de la Hunty**  
annedelahunty@btinternet.com  
**Sally Oakley**  
sally@business-presentations.co.uk

**Dr Margaret Ashwell**,  
margaret@ashwell.uk.com  
**Anne de la Hunty**  
annedelahunty@btinternet.com  
**Sally Oakley**  
sally@business-presentations.co.uk

**Dr Margaret Ashwell**,  
margaret@ashwell.uk.com  
**Anne de la Hunty**  
annedelahunty@btinternet.com  
**Sally Oakley**  
sally@business-presentations.co.uk

**Dr Margaret Ashwell**,  
margaret@ashwell.uk.com  
**Anne de la Hunty**  
annedelahunty@btinternet.com  
**Sally Oakley**  
sally@business-presentations.co.uk

**Dr Margaret Ashwell**,  
margaret@ashwell.uk.com  
**Anne de la Hunty**  
annedelahunty@btinternet.com  
**Sally Oakley**  
sally@business-presentations.co.uk

**Dr Margaret Ashwell**,  
margaret@ashwell.uk.com  
**Anne de la Hunty**  
annedelahunty@btinternet.com  
**Sally Oakley**  
sally@business-presentations.co.uk

**Dr Margaret Ashwell**,  
margaret@ashwell.uk.com  
**Anne de la Hunty**  
annedelahunty@btinternet.com  
**Sally Oakley**  
sally@business-presentations.co.uk



www.metabolic-programming.org  
email: programming@med.uni-muenchen.de

www.metabolic-programming.org  
email: programming@med.uni-muenchen.de

www.metabolic-programming.org  
email: programming@med.uni-muenchen.de