HabEat partners

INRA – Institut National de la Recherche Agronomique, France
DLO-FBR - Stichting Dienst Landbouwkundig Onderzoek, the Netherlands
INSERM - Institut National de la Santé et de la Recherche Médicale, France
ULeeds - The University of Leeds, United Kingdom
WUR - Wageningen Universiteit, the Netherlands
UCPH - Københavns Universitet, Denmark
UCL - University College London, United Kingdom
FMUP - Faculdade de Medicina da Universidade do Porto, Portugal
HUA - Harokopio University, Greece
UNIBRIS - University of Bristol, United Kingdom
IT - INRA Transfert SA, France

HabEat contact

HabEat Project Coordinator:
Dr Sylvie Issanchou
Institut National de la Recherche Agronomique (INRA)
Food and Behavior Research Center (Centre des Sciences du Goût et de l’Alimentation - CSGA), Dijon, France
E-mail : sylvie.issanchou@dijon.inra.fr

HabEat Project Manager:
Caroline Sautot
INRA Transfert (IT)
E-mail : caroline.sautot@paris.inra.fr

Determining factors and critical periods in food habit formation and breaking in early childhood

www.habeat.eu
Recent surveys have shown that diets of young children in many European countries are not ideal, in particular because they contain too many lipids and not enough fruit and vegetables. Early nutrition may have an impact on their health in later life (diabetes, obesity, heart problems...).

The HabEat project brings together 11 European beneficiaries from 6 European countries with a multidisciplinary approach (psychology, epidemiology, behavioural science, nutrition, sensory science) to enable a key breakthrough in the understanding of how food habits are formed and can also be changed, in infants and young children (< 5 years).

This European FP7 project started on January 2010, for a duration of 4 years, and will receive 2.9 million Euros in funding, from the 7th European Union Framework Programme under the "Food, Agriculture and Fisheries, Biotechnology" priority.

2 APPROACHES: EPIDEMIOLOGICAL AND EXPERIMENTAL

On one hand, the epidemiological work will exploit existing data from several cohorts from 4 European countries: Eden in France, ALSPAC in United Kingdom, Generation XXI in Portugal and EuroPrevall in Greece.

The work will enable the identification of critical periods and critical factors.

On the other hand, the experimentation will come in two sections. The first will focus mainly on the key mechanisms of learning and will concern children from the age of six months and up to three years. The second will aim at studying, beyond three years and up to five years, new strategies for breaking habits, i.e. for changing from poor to healthy habits.

RECOMMENDATIONS FOR EARLY CHILDHOOD PROFESSIONNALS

By 2013, the results from the HabEat project should lead to recommendations in parental practices for feeding infants and children. These recommendations will be addressed to early childhood professionals, paediatricians, political decision-makers in charge of defining nutritional policies but also to baby food industry.

EXPECTED IMPACT

The European added value lies in capitalising on the variety of food choice within Europe. Research in this area is rather limited in Europe. The results would support development of European policy directed towards healthier food habits. This research will help to increase understanding of the critical ages and periods when food habits and eating patterns form in infants and children and to support effective intervention strategies for habit-breaking and behavioural change directed towards healthier food choices.