“Effect of diet on the mental performance of children”

Fact Sheet

Project Information

NUTRIMENTHE

Grant agreement ID: 212652

Closed project

Start date
1 March 2008

End date
31 December 2013

Funded under
FP7-KBBE

Overall budget
€ 7 991 918,60

EU contribution
€ 5 902 570

Coordinated by
UNIVERSIDAD DE GRANADA
Spain

This project is featured in...

RESEARCH*EU MAGAZINE
Women in science — and research to improve women’s lives

Objective
Current evidence on the effect of diet on mental performance (MP) is largely based on animal, retrospective studies, and short-term nutritional intervention studies in humans. NUTRIMENTHE will significantly improve this knowledge through studying the role, mechanisms, risks & benefits of specific nutrients & food components to respond to specific needs and improve the MP of children. The research will include quantification of the nutrient effects of early programming on later cognitive and mental disorders, effects of food on mental state and MP such as mood, activation, attention, motivation, effort, perception, memory & intelligence and the effects of food on mental illness. NUTRIMENTHE will establish: • A team of leading international scientists (paediatricians, neuropsychologists, psychiatrics) from top academic centres and a leading Food Multinational, providing a critical mass of experts in the effect of diet on children’s MP • Epidemiologic studies to analyse the long-term effects of pre- & early postnatal diet on children’s mental performance & illness • Follow-up of randomised clinical intervention trials with specific nutrients initiated during pregnancy, infancy & childhood • Quantitative requirements of n-3 LCPUFAs in children with restricted diet • Quantitative assessment of the interaction between nutrition & genetic variation with respect to MP • Development of a neuropsychological battery for an EU common assessment of MP • Consistent & clear pan-European recommendations on dietary requirement for children • An increase the EU public knowledge, specifically parents, teachers & industry, laying the basis for appropriate health claims about how diet influences MP in children • Establish the economic opportunity for further product development within EU • Development of a professional & public engaging dissemination programme, to increase excellence & innovation potentials & training in nutrition research linked to cognitive- & neuroscience

**Fields of science**

medical and health sciences › health sciences › nutrition

**Programme(s)**

FP7-KBBE - Specific Programme "Cooperation": Food, Agriculture and Biotechnology

**Topic(s)**

KBBE-2007-2-2-01 - Effect of diet on mental performance of children

**Call for proposal**
Funding Scheme

CP-IP - Large-scale integrating project

Coordinator

UNIVERSIDAD DE GRANADA

Address: Cuesta Del Hospicio Sn 18071 Granada, Spain
Activity type: Higher or Secondary Education Establishments
EU contribution: € 1 006 807
Contact the organisation
Website

Administrative Contact
Cristina Campoy (Ms.)

Participants (20)

LUDWIG-MAXIMILIANS-UNIVERSITAET MUENCHEN

Address: Geschwister Scholl Platz 1 80539 Muenchen, Germany
Activity type: Higher or Secondary Education Establishments
EU contribution: € 1 206 403
Contact the organisation
Website

Administrative Contact
Berthold Koletzko (Prof.)
UNILEVER INNOVATION CENTRE WAGENINGEN BV
Netherlands
EU contribution
€ 249,681
Address
Bronland 14
6708 WH Wageningen
Activity type
Private for-profit entities
(excluding Higher or Secondary Education Establishments)
Contact the organisation
Website
Administrative Contact
Charlotte Smeele (Ms.)

ERASMUS UNIVERSITAIR MEDISCH CENTRUM ROTTERDAM
Netherlands
EU contribution
€ 750,019
Address
Dr Molewaterplein 40
3015 GD Rotterdam
Activity type
Higher or Secondary Education Establishments
Contact the organisation
Website
Administrative Contact
Frank C. Verhulst (Prof.)

UNIVERSITAT ROVIRA I VIRGILI
Spain
EU contribution
€ 457,853
Address
Carrer De Escorxador
43003 Tarragona
Activity type
Higher or Secondary Education Establishments
Contact the organisation
UNIVERSITY OF SURREY
United Kingdom
EU contribution
€ 329 155
Address
Stag Hill
GU2 7XH Guildford
Activity type
Higher or Secondary Education Establishments
Administrative Contact
Gillian Harding-Payne (Dr.)

PECSI TUDOMANYEGYETEM - UNIVERSITY OF PECS
Hungary
EU contribution
€ 136 382
Address
Vasvari Pal Utca 4
7622 Pecs
Activity type
Higher or Secondary Education Establishments
Administrative Contact
Tamás Dr. Decsi (Prof.)

UNIVERSITA DEGLI STUDI DI MILANO
Italy
EU contribution
**WARSZAWSKI UNIWERSYTET MEDYCZNY**  
Poland  
EU contribution  
€ 41 682  
Address  
Ul. Zwirki I Wigury 61  
02 091 Warszawa  
Activity type  
Higher or Secondary Education Establishments  
Contact the organisation  
Website  
Administrative Contact  
Sylwia Kurowska (Ms.)

**BIRMINGHAM WOMENS AND CHILDRENS NHS FOUNDATION TRUST**  
United Kingdom  
EU contribution  
€ 80 294  
Address  
Steelhouse Lane  
B4 6NH Birmingham  
Activity type  
Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)  
Contact the organisation  
Website  
Administrative Contact  
Anita Macdonald (Dr.)
<table>
<thead>
<tr>
<th>Organisation</th>
<th>Country</th>
<th>EU contribution</th>
<th>Address</th>
<th>Activity type</th>
<th>Administrative Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td>INSTYTUT POMNIK CENTRUM ZDROWIA DZIECKA</td>
<td>Poland</td>
<td>€ 242 064</td>
<td>Aleja Dzieci Polskich 20 04730 Warszawa</td>
<td>Research Organisations</td>
<td>Dariusz Gruszfeld (Dr.)</td>
</tr>
<tr>
<td>FUNDACION PUBLICA MARQUES DE VALDECILLA</td>
<td>Spain</td>
<td></td>
<td>Avenida De Valdecilla - Escuela Universitaria De Enfermeria (5A Planta) S/n 39008 Santander</td>
<td>Research Organisations</td>
<td>Luz Mª García Piqueres (Ms.)</td>
</tr>
<tr>
<td>INSTITUT FUR MARKTFORSCHUNG STRATEGIE &amp; PLANUNG GBR</td>
<td>Germany</td>
<td>€ 159 658</td>
<td>Pariser Strasse 25 81667 Munchen</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
<td></td>
</tr>
</tbody>
</table>
UNIVERSITE LIBRE DE BRUXELLES
Belgium
EU contribution
€ 251,899

Address
Avenue Franklin Roosevelt 50
1050 Bruxelles

Activity type
Higher or Secondary Education Establishments

Administrative Contact
Niels Straub (Mr.)

SHS INTERNATIONAL LTD
United Kingdom
EU contribution
€ 33,062

Address
Wavertree Boulevard 100
L7 9PT Merseyside

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Administrative Contact
Philippe Goyens (Prof.)

UNIVERSITY OF BRISTOL
United Kingdom
UNITED KINGDOM
EU contribution
€ 154,877

Address
Beacon House Queens Road
BS8 1QU Bristol

Activity type
Higher or Secondary Education Establishments

Contact the organisation
Website

Administrative Contact
Vince Boyle (Mr.)


HELMHOLTZ ZENTRUM MUENCHEN DEUTSCHES FORSCHUNGSZENTRUM FUER GESUNDHEIT UND UMWELT GMBH

Germany
EU contribution
€ 85,018

Address
Ingolstadter Landstrasse 1
85764 Neuherberg

Activity type
Research Organisations

Contact the organisation
Website

Administrative Contact
Juergen Ertel (Dr.)


BETA TECHNOLOGY LTD

United Kingdom
EU contribution
€ 299,118

Address
Barclay Court, Doncaster Carr
DN4 5HZ Doncaster

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Contact the organisation
Website
MARTEK BIOSCIENCES CORPORATION
United States

Address
Dobbin Road 6480
21045 Columbia

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Contact the organisation

Administrative Contact
Jayne Sutcliffe (Ms.)

NEURON BIOPHARMA SA
Spain

Address
Avenida De La Innovacion 1
18100 Armilla Granada

Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)

Contact the organisation

Administrative Contact
Alan Ryan (Dr.)

Servicio Cántabro de Salud
Spain

EU contribution
€ 119 856

Address
Avenida De Cardenal Herrera
Oria
39011 Santander

Activity type
Research Organisations
Contact the organisation

Website

Administrative Contact

Luz Maria Garcia Piqueres

**Last update:** 16 July 2019

**Record number:** 88812

**Permalink:** [https://cordis.europa.eu/project/id/212652](https://cordis.europa.eu/project/id/212652)

© European Union, 2022