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THERAPEUTIC AND PREVENTIVE IMPACT OF NUTRITIONAL LIPIDS ON NEURONAL AND COGNITIVE PERFORMANCE IN AGING, ALZHEIMER'S DISEASE AND VASCULAR DEMENTIA

Fact Sheet

Project Information

LIPIDIET

Grant agreement ID: 211696

[Project website](#) 

Project closed

Start date

1 August 2008

End date

31 March 2015

Funded under

Specific Programme "Cooperation": Food,
Agriculture and Biotechnology

Total cost

€ 7 995 577,34

EU contribution

€ 5 899 843,00

Coordinated by

UNIVERSITÄT DES
SAARLANDES



Germany

Objective

Major objective: It is our aim to develop a lipid based diet that is able to delay or

prevent onset of Alzheimer's disease and related diseases and has a stabilizing effect on cognitive performance in aging. Multiple lines of evidence suggest that there is a large overlap between risk factor of these three diseases. Importantly, there is equally strong evidence that prevention and treatment of these diseases can be efficiently addresses - especially in their first and their priclinical stages - by closely related or identical bio-molecules. Predominantly these molecules appear to belong to the class of lipids which are part of the human diet. However, very often they are consumed in far lesser than recommended amounts. Bearing in mind that all of these diseases have a long pre-clinical phase in which the disease remains undetected specifically designed nutrition may be requirred for effective prevention or for those who already progressed into the first clinical stage of the disease. Moreover, frequently the within the elderly population pathological changes by two or all of these diseases occur in combination thus targeting only one would be insufficient. Taking these aspects into consideration, dietary supplementation, composed to maximize benefit for all three of these in the elderly common diseases, appears to be the most suitable approach to provide a general health perspective improvement for this age group in the EU population.

Fields of science (EuroSciVoc)

[medical and health sciences](#) > [basic medicine](#) > [neurology](#) > [dementia](#) > **[alzheimer](#)**

[natural sciences](#) > [biological sciences](#) > [biochemistry](#) > [biomolecules](#) > **[lipids](#)**

[medical and health sciences](#) > [health sciences](#) > **[nutrition](#)**



Keywords

[Aging](#)

[Alzheimer's Disease](#)

[Cholesterol](#)

[DHA](#)

[Diet](#)

[Food](#)

[Nutrition](#)

Programme(s)

[FP7-KBBE - Specific Programme "Cooperation": Food, Agriculture and Biotechnology](#)

Topic(s)

Call for proposal

FP7-KBBE-2007-1

[See other projects for this call](#)

Funding Scheme

[CP-IP - Large-scale integrating project](#)

Coordinator



UNIVERSITAT DES SAARLANDES

EU contribution

€ 1 502 836,00

Total cost

No data

Address

CAMPUS

66123 Saarbrücken

 **Germany** 

Region

Saarland > Saarland > Regionalverband Saarbrücken

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Participants (18)



ITA-SUOMEN YLIOPISTO

 Finland

EU contribution

€ 925 430,00

Address

YLIOPISTONRANTA 8
70211 KUOPIO 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



SZEGEDI TUDOMANYEGYETEM

 Hungary

EU contribution

€ 272 000,00

Address

DUGONICS TER 13
6720 Szeged 

Region

Alföld és Észak > Dél-Alföld > Csongrád

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



TEL AVIV UNIVERSITY

 Israel

EU contribution

€ 400 408,00

Address

RAMAT AVIV

69978 Tel Aviv 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



STICHTING RADBOUD UNIVERSITEIT

 Netherlands

EU contribution

€ 445 600,00

Address

HOUTLAAN 4

6525 XZ Nijmegen 

Region

Oost-Nederland > Gelderland > Arnhem/Nijmegen

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



GOETEBORGS UNIVERSITET

 Sweden
EU contribution
€ 285 700,00

Address
VASAPARKEN
405 30 Goeteborg 

Region
Södra Sverige > Västsverige > Västra Götalands län

Activity type
Higher or Secondary Education Establishments

Links
[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost
No data



DANONE GLOBAL RESEARCH & INNOVATION CENTER BV

 Netherlands
EU contribution
€ 480 605,00

Address
UPPSALALAAAN 12
3584 CT Utrecht 

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

Links
[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost
No data



KAROLINSKA INSTITUTET

 Sweden
EU contribution
€ 147 590,40

Address
Nobels Vag 5
17177 Stockholm 

Region
Östra Sverige > Stockholm > Stockholms län

Activity type
Higher or Secondary Education Establishments

Links
[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost
No data



FYZIOLOGICKY USTAV AKADEMIE VED CESKE REPUBLIKY VEREJNA VYZKUMNA INSTITUTE (VVI)

 Czechia
EU contribution
€ 282 000,00

Address
VIDENSKA 1083
142 20 Praha 4 

Activity type
Higher or Secondary Education Establishments

Links
[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost
No data



VERENIGING VOOR CHRISTELIJK HOGER ONDERWIJS WETENSCHAPPELIJK ONDERZOEK EN PATIENTENZORG

 Netherlands

EU contribution

No data

Address

**De Boelelaan 1105
1081 HV Amsterdam** 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



RHEINISCHE FRIEDRICH-WILHELMS-UNIVERSITAT BONN

 Germany

EU contribution

€ 196 000,00

Address

**REGINA PACIS WEG 3
53113 Bonn** 

Region

Nordrhein-Westfalen > Köln > Bonn, Kreisfreie Stadt

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



EURICE EUROPEAN RESEARCH AND PROJECT OFFICE GMBH

Germany

EU contribution

€ 340 050,00

Address

HEINRICH-HERTZ-ALLEE 1

66386 St Ingbert

Region

Saarland > Saarland > Saarpfalz-Kreis

Activity type

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

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

No data



UNIVERSITAETSKLINIKUM AACHEN

Germany

EU contribution

No data

Address

Pauwelsstrasse 30

52074 Aachen

Region

Nordrhein-Westfalen > Köln > Städteregion Aachen

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

No data



UNIVERSITATSKLINIKUM HEIDELBERG

 Germany

EU contribution

€ 126 372,00

Address

IM NEUENHEIMER FELD 672

69120 Heidelberg 

Region

Baden-Württemberg > Karlsruhe > Heidelberg, Stadtkreis

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



EBERHARD KARLS UNIVERSITAET TUEBINGEN

 Germany

EU contribution

€ 154 496,40

Address

GESCHWISTER-SCHOLL-PLATZ

72074 Tuebingen 

Region

Baden-Württemberg > Tübingen > Tübingen, Landkreis

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

Total cost

No data



ZENTRALINSTITUT FUER SEELISCHE GESUNDHEIT

 Germany

EU contribution

€ 50 973,60

Address

Square J 5

68159 Mannheim 

Region

Baden-Württemberg > Karlsruhe > Mannheim, Stadtkreis

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



KLINIKUM DER UNIVERSITAET REGENSBURG

 Germany

EU contribution

€ 58 044,00

Address

FRANS JOSEF STRAUSS ALLEE 11

93053 Regensburg 

Region

Bayern > Oberpfalz > Regensburg, Kreisfreie Stadt

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



LUDWIG-MAXIMILIANS-UNIVERSITAET MUENCHEN 

 Germany

EU contribution

No data

Address

GESCHWISTER SCHOLL PLATZ 1
80539 MUNCHEN 

Region

Bayern > Oberbayern > München, Kreisfreie Stadt

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



STICHTING VU

 Netherlands

EU contribution

€ 231 737,60

Address

DE BOELELAAN 1105
1081 HV Amsterdam 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data

Last update: 16 July 2019

Permalink: <https://cordis.europa.eu/project/id/211696>

European Union, 2025