

Projectes de I+D+i

PROJECTES INTERNACIONALS / EUROPEUS COMPETITIUS

Title: Innovating the Joy of Eating (INNJOY).

Code/Call: EIT-HEALTH- Call 2017-Campus.

Financing entity: European Institute of Innovation & Technology (EIT).

Duration: 2017-2018.

Principal Investigator (Spain): Cristina Andrés Lacueva (University of Barcelona).

[More information.](#) [1]

Title: EU Joint Programming Initiative Healthy Diet for a Healthy Life (JPI HDHL)- JPI HDHL Joint Action. Diet and microbiome based metabotypes for the determination of cardiometabolic risk and adapt intervention strategies for health improvement (INTIMIC).

Code/Call: PCIN-2017-076.

Financing entity: Ministry of Economy and Competitiveness (MINECO) /EU-JPI/HDHL.

Duration: 2017-2020.

European coordinator: Rikard Landberg (SE).

Principal Investigator UB-Metabolomics group: Cristina Andrés Lacueva (University of Barcelona).

[More information.](#) [2]

Title: Cook2Healt (C2H): Personal Lifestyle Assistant for better Health through nutrition.

Code/Call: EIT-HEALTH- Call 2015-INNOVATION by Design.

Financing entity: European Institute of Innovation & Technology (EIT).

Duration: 2016-2018.

Principal Investigator (Spain): Cristina Andrés Lacueva (University of Barcelona).

[More information.](#) [1]

Title: The Food Biomarkers Alliance. Acronym: FOODBALL. International Initiative: 'EU Joint Programming Initiative – A Healthy Diet for a Healthy Life (JPI HDHL)'.

Code/Call: PCIN-2014-133.

Financing entity: Ministry of Economy and Competitiveness (MINECO) /EU-JPI/HDHL.

Duration: 2015-2017.



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European coordinator: Edith Feskens (University of Wageningen).

Principal Investigator UB-Metabolomics group: Cristina Andrés Lacueva (University of Barcelona).

[More information.](#) [2]

Title: Gut and blood microbiomics for studying the effect of a polyphenol-rich dietary pattern on intestinal permeability in the elderly.

Code/Call: PCIN-2015-238.

Financing entity: Ministry of Economy and Competitiveness (MINECO) /EU-JPI/HDHL.

Duration: 01/01/2016 - 12/31/2018.

European coordinator: Patrizia Riso (University of Milan).

IP grupo UB-Metabolomics: Cristina Andrés Lacueva University of Barcelona).

[More information.](#) [3]

Title: Identification of dietary modulators of cognitive ageing and brain plasticity and proof of concept of efficacy for preventing/reversing cognitive decline.

Code/Call: PCIN-2015-229.

Financing entity: Ministry of Economy and Competitiveness (MINECO) /EU-JPI/HDHL.

Duration: 01/01/2016 - 12/31/2018.

European coordinator: Sandrine Thuret (King's College London).

Co-Principal Investigagors (Spain): Merce Pallàs and Cristina Andres Lacueva (University of Barcelona).

[More information.](#) [4]

Title: Association between dietary nuts exposure and cognitive decline over a three-year period in older adults: the InCHIANTI study.

Code/Call: FBG307906.

Financing entity: INC International Nut and Dried Fruit Council Foundation/ Fundació Bosch i Gimpera.

Duration: 10/01/2014 - 09/30/2016.

Principal Investigator: Cristina Andrés Lacueva (University of Barcelona).

Title: Interindividual variation in response to consumption of plant food bioactives and determinants



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involved.Acronym: POSITIVE (Plant biOActiveS InTerIndividual Variation).

Code/Call: COST: oc-2013-2-16719.

Financing entity: 0115 - European Union 7th Framework Programme -The Specific Programme 'Cooperation' implementing the Seventh Framework Programme of the European Community for research, technological development and demonstration activities.

Duration: 2014-2018.

European coordinator: Christine Morand (International Agency for Research on Cancer [INRA]).

Principal Investigator (Spain): Cristina Andres Lacueva (University of Barcelona).

[More information.](#) [5]

Title: Nutrition Researcher Cohort-HEALTH SELF QUANTIFICATION PROJECT- MY DATA, MY HEALTH, OUR RESEARCH. (<http://nrc.dbnp.org/> [6]).

Management Board: Dr. Ben van Ommen (TNO), Marjukka Kolehmainen (University Eastern Finland), Baukje de Roos (Newcastle University).

Contact point in Spain: Cristina Andres Lacueva (University of Barcelona).

[More information.](#) [7]

PROJECTES NACIONALS COMPETITIVUS

Title: SGR: Grants to support the activities of the research groups in Catalonia. Catalan government. Catalan Department for Universities and Research. Biomarkers and Nutritional and Food Metabolomics.

Code/Call: 2017SGR1566.

Financing entity: Agència d'Ajuts Universitaris a la Recerca (AGAUR).

Duration: 01/01/2017 - 12/31/2019.

Principal Investigator: Cristina Andrés Lacueva (University of Barcelona).

Title: CENTROS DE INVESTIGACIÓN BIOMEDICA EN RED (CIBER)- Instituto de Salud Carlos III. CIBERFES Fragilidad y Envejecimiento.

Code/Call: CB16/10/0026.

Financing entity: Intituto de Salud Carlos III ISCII.

Duration: 2016 -

Principal Investigator: Cristina Andrés Lacueva (University of Barcelona).

Title: Determination of biomarkers of intake and effect in an intervention study with a probiotic and



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antioxidant to evaluate their effectiveness associated with metabolic syndrome.

Code/Call: SMARTFOODS - CIEN FBG308424.

Financing entity: CDTI-Centro para el Desarrollo Tecnológico Industrial/ Ordesa Laboratory, S.L. / Fundació Bosch i Gimpera.

Duration: 17/07/2014 - 28/02/2018

Principal Investigator: Cristina Andrés Lacueva (University of Barcelona).

Title: SGR: Grants to support the activities of the research groups in Catalonia. Catalan government. Catalan Department for Universities and Research. Biomarkers and Nutritional and Food Metabolomics.

Code/Call: 2014SGR1566.

Financing entity: Agència d'Ajuts Universitaris a la Recerca (AGAUR).

Duration: 01/01/2014 - 12/31/2016.

Principal Investigator: Cristina Andrés Lacueva (University of Barcelona).

Title: New Ingredients for Functional Foods to Increase Health (Fun-C-Food).

Code/Call: CSD2007-063/Subproyecto UB.

Financing entity: Ministry of Education and Science.

Duration: 10/12/2007 - 09/12/2012.

CONSOLIDER coordinator: Francisco Tomás Barberán (CEBAS-CSIC).

Principal Investigator UB-Metabolomics group: Cristina Andrés Lacueva (University of Barcelona).

Title: Development of biomarkers of consumption and effect of a Mediterranean dietary pattern (PREDIMED study) in the prevention of cardiovascular disease: a metabolomics approach.

Code/Call: AGL2009-13906-C02-01.

Financing entity: Ministry of Science and Technology.

Duration: 01/01/2012 - 31/12/2012.

Principal Investigator UB-Metabolomics group: Cristina Andrés Lacueva (University of Barcelona).

[More information.](#) [8]

Title: Application of metabolomics to the study of discordant phenotypes of Obesidad/Diabetes.



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Metabolic profiling up to prevention and treatment.

Code/Call: PI13/01172.

Financing entity: Spanish Ministry of Economy and Competitiveness, the Spanish Health Institute ISCIII-FIS.

Duration: 01/01/2014 - 31/12/2016.

Principal Investigator UB-Metabolomics group: Cristina Andrés Lacueva (University of Barcelona).

Title: Metabolomic study of diabetes against Phenotypes Discordant. New Strategies for Identifying Biomarkers of unknown pathogenetic mechanisms in Risk Assessment and Identification of New Therapeutic Targets.

Code/Call: PI-0557-2013.

Financing entity: Fundación Pública Andaluza Progreso y Salud, Junta de Andalucía.

Duration: 01/01/2013 - 31/12/2015.

Principal Investigator: Cristina Andrés Lacueva (University of Barcelona).

Title: V International Conference on Polyphenols and Health (ICPH).

Code/Call: AGL2010-10084-E (Complementary action).

Financing entity: Ministry of Science and Technology.

Duration: 16/12/2010 - 15/12/2011.

Principal Investigator: Cristina Andrés Lacueva (University of Barcelona).

Title: Screening del perfil metabólico de los polifenoles de la leche materna (polyphenol food metabolome). Desarrollo y adaptación de nuevas metodologías por LC-MS/MS de alta selectividad y especificidad. NEOBEFOOD.

Code/Call: FBG306133.

Financing entity: CDTI-Centro para el Desarrollo Tecnológico Industrial/ Ordesa Laboratory, S.L./Fundació Bosch i Gimpera.

Duration: 01/01/2010 - 31/12/2012.

Principal Investigator: Cristina Andrés Lacueva (University of Barcelona).

Title: Funtional food for a personalized nutrition (Fun-C-Food Net).

Code/Call: AGL2014-58205-REDC.



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Financing entity: Spanish Ministry of Economy and Competitiveness.

Duration: 2015 - 2016.

CONSOLIDER coordinator: Francisco Tomás Barberán (CEBAS-CSIC).

Principal Investigator UB-Metabolomics group: Cristina Andrés Lacueva (University of Barcelona).

Title: Study of metabolomic biomarkers associated to diabetes and effect of food metabolome as indicator of the degree of adherence to the Mediterranean dietary pattern

Code/Call: ACDR 2015

Financing entity: Catalan Diabetes Association (ACD)

Duration: 01/04/2015 - 31/03/2017.

Principal Investigator: Mireia Urpí Sardà (University of Barcelona).

Title: Study of metabolic profiling ("metabotypes") responders to the effects of low-calorie diet and physical activity intervention on weight loss and modulation of the risk of complications associated with diabetes in metabolically healthy obese volunteers.

Code/Call: ACDR 2016.

Financing entity: Catalan Diabetes Association (ACD).

Duration: 2016 - 2018.

Principal Investigator: Mar García Aloy (University of Barcelona).

Title: Diet rich in cocoa and inflammatory activity in adipose tissue of rats.

Code/Call: FRIUB 2015.

Financing entity: Institut de Nutrició i Seguretat Alimentària de la Universitat de Barcelona (INSA-UB).

Duration: 2015 - 2016.

Principal Investigator: Mar García Aloy (University of Barcelona).

Title: The Food Metabolome Biomarker: new strategy for evaluate the intake of dietary bioactive compounds, foods and dietary patterns.

Code/Call: FRIUB 2014.

Financing entity: University of Barcelona.

Duration: 02/06/2014 - 01/06/2015.



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Principal Investigator: Mireia Urpí Sardà (University of Barcelona).

Title: Phyto-D-tector. Molecular diagnosis of exposure to diet rich in fruits and vegetables through the analysis of the metabolic footprint of dietary phytochemicals.

Code/Call: EVALXARTA 2014.

Financing entity: Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya.

Duration: 01/01/2014 - 31/12/2014.

Principal Investigator: Rafael Llorach Asunción (University of Barcelona).

Title: A new algorithm for automatic workflow for the metabolome characterization and identification.

Code/Call: EVALXARTA 2012.

Financing entity: Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya.

Duration: 01/01/2012 - 31/12/2012.

Principal Investigator: Cristina Andrés Lacueva and Rafael Llorach Asunción (University of Barcelona).

Title: SAMI-LCMS: software implementation of a workflow for the automatic metabolome characterization and identification of LC-MS data.

Code/Call: EVALXARTA 2010.

Financing entity: Agència de Gestió d'Ajuts Universitaris i de Recerca (AGAUR). Generalitat de Catalunya.

Duration: 01/09/2010 - 31/08/2011.

Principal Investigator: Cristina Andrés Lacueva (University of Barcelona).

Title: Metabolomic study for the development of biomarkers of consumption and effect of a Mediterranean dietary pattern (PREDIMED study) in the prevention of cardiovascular disease.

Code/Call: FBG305988.

Financing entity: Ayudas Merck Serono de Investigación - Fundación Salud 2000 / Fundació Bosch i Gimpera.

Duration: 31/03/2010 - 31/03/2013.

Principal Investigator: Rafael Llorach Asunción (University of Barcelona).



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Title: Assessing the impact of the consumption of both wheat and white bread in the PREDIMED population: metabolomic approach.

Code/Call: FBG306528.

Financing entity: Burson Masteller S.L /Campaña "Pan cada día" / Fundació Bosch i Gimpera.

Duration: 08/06/2011 - 08/06/2012

Principal Investigator: Rafael Llorach Asunción (University of Barcelona).

Title: Effect of consumption of diets rich in phenolic compounds on frailty syndrome in the elderly.

Code/Call: FBG306776.

Financing entity: Fundació Mapfre / Fundació Bosch i Gimpera.

Duration: 01/01/2011 - 31/12/2012.

Principal Investigator: Cristina Andrés Lacueva (University of Barcelona).

CONTRACTES AMB INDÚSTRIA

Title: Identification of biomarkers for determining metabolic status in humans.

Code/Call: FBG307683.

Financing entity: KACO - Kao Corporation, S.A. - JAPAN/ Fundació Bosch i Gimpera.

Duration: 17/01/2014 - 30/01/2016.

Principal Investigators: Cristina Andrés Lacueva and Mar García Aloy (University of Barcelona).

Title: Bioavailability of hydroxytyrosol in biological samples.

Code/Call: FBG307959.

Financing entity: Fundación Instituto Madrileño de Estudios Avanzados Alimentación-IMDEA Alimentación/ Fundació Bosch i Gimpera.

Duration: 22/09/2014 - 31/12/2014.

Principal Investigator: Cristina Andrés Lacueva (University of Barcelona).



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Title: Intervention study randomized, controlled for the evaluation the antioxidant effect and bioavailability of the red grape polyphenols in a beverage functional food in a healthy volunteers. Metabolomic study. CENIT-HIGEA.

Code/Call: FBG306071.

Financing entity: CENIT HIGEA-Torres winery. Fundación Universidad Autónoma de Madrid. Ministry of Industry and Commerce/ Fundació Bosch i Gimpera.

Duration: 01/09/2010 - 28/02/2011.

Principal Investigator: Cristina Andrés Lacueva (University of Barcelona).

ACORDS ESPECÍFICS INTERNACIONALS ADMINISTRATIUS

Title: NUTRITION &HEALTH. Nutrigenetics and Nutrimetabolomics. NUGO Association/Wageningen University.

Code/Call: FBG308438.

Financing entity: NUGO Association / Fundació Bosch i Gimpera.

Duration: 07/09/2015 - 06/09/2017.

Principal Investigator: Cristina Andrés Lacueva (University of Barcelona).

ACORDS ESPECÍFICS INTERNACIONALS DE COOPERACIÓ

Title: INTERNATIONAL SPECIFIC COOPERATIVE AGREEMENT between the University of Barcelona (Dr. Cristina Andrés-Lacueva), the National Institute on Aging (NIA-NIH. Dr. Luigi Ferrucci) and the Agenzia Regionale di Sanità della Toscana, and University of Perugia (Dr. A Cherubini). In order to participate in the Study of the urinary metabolic profile for the identification of specific biomarkers of consumption of phenolic compounds related to aging in the InCHIANTI population.

Code/Call: INTERNATIONAL SPECIFIC COOPERATIVE AGREEMENT University of Barcelona- National Institute on Aging- Agenzia Regionale di Sanità della Toscana- University of Perugia.

Financing entity: University of Barcelona- National Institute on Aging- Agenzia Regionale di Sanità della Toscana- University of Perugia.

Duration: 01/01/2008 - 31/12/2014.

Participants: IP-UB: Cristina Andres-Lacueva / IP-NIA(NIH): Luigi Ferrucci / IP-ARS: Stefania Bandinelli/IP-ARS: A Cherubini.



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Publicat a Biomarcadors i Metabolòmica Nutricional i dels Aliments
(<https://www.nutrimetabolomics.com>)

Title: Construction of the new PHENOL-EXPLORER module on polyphenol metabolism.

Code/Call: INTERNATIONAL SPECIFIC COOPERATIVE AGREEMENT UB- INRA- University of Alberta.

Financing entity: University of Barcelona-L'institut Nationale de la Recherche Agronomique - University of Alberta - Danone - Unilever.

Duration: 01/01/2012 - 31/12/2014.

Participants: IP-UB: Cristina Andres-Lacueva / IP-INRA: Augustin Scalbert ; Claudine Manach/ IP-UA: Wishart.

URL d'origen: <https://www.nutrimetabolomics.com/ca/proyectos>

Enllaços:

[1] <https://eit.europa.eu/eit-community/eit-health>

[2] <http://www.healthydietforhealthylife.eu/>

[3] <http://www.healthydietforhealthylife.eu/index.php/joint-actions/microbiomics>

[4] <http://www.healthydietforhealthylife.eu/index.php/joint-actions/nutricog>

[5] <https://www6.inra.fr/cost-positive>

[6] <http://nrc.dbnp.org/>

[7] <https://humanstudies.tno.nl/nrc/>

[8] <http://www.nutrimetabolomics.com/proyectos/agl2009>

