

Proyectos de I+D+i

PROYECTOS INTERNACIONALES/EUROPEOS COMPETITIVOS

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)'.
The Food Biomarkers Alliance (FOODBALL) is a European Union Joint Programming Initiative (JPI) under the leadership of the Spanish Ministry of Economy and Competitiveness (MINECO). It is a multi-stakeholder initiative involving scientists, industry, and civil society. The main objective of FOODBALL is to develop and validate food biomarkers that can be used to assess the health status of individuals and populations. The initiative is structured into several work packages, including: 1) Identification of food biomarkers, 2) Validation of food biomarkers, 3) Development of food biomarker-based products, and 4) Dissemination and exploitation of the results. The initiative is expected to have a significant impact on the food and health sectors, and to contribute to the development of a healthier and more sustainable food system.

Code/Call: PCIN-2014-133.

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

Duration: 2015-2017.

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.



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Publicado en Biomarcadores y Metabolómica Nutricional y de los Alimentos
(<http://www.nutrimetabolomics.com>)

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 Investigators (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 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]



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Publicado en Biomarcadores y Metabolómica Nutricional y de los Alimentos
(<http://www.nutrimetabolomics.com>)

PROYECTOS NACIONALES COMPETITIVOS

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 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.



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Publicado en Biomarcadores y Metabolómica Nutricional y de los Alimentos
(<http://www.nutrimetabolomics.com>)

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. 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).



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Publicado en Biomarcadores y Metabolómica Nutricional y de los Alimentos
(<http://www.nutrimetabolomics.com>)

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.

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).



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Publicado en Biomarcadores y Metabolómica Nutricional y de los Alimentos
(<http://www.nutrimetabolomics.com>)

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.

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).



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Publicado en Biomarcadores y Metabolómica Nutricional y de los Alimentos
(<http://www.nutrimetabolomics.com>)

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).

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).

CONTRATOS CON INDUSTRIA



Proyectos de I+D+i

Publicado en Biomarcadores y Metabolómica Nutricional y de los Alimentos
(<http://www.nutrimetabolomics.com>)

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).

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).

ACUERDOS ESPECIFICOS INTERNACIONALES ADMINISTRATIVOS

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).



ACUERDOS ESPECIFICOS INTERNACIONALES DE COOPERACION

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.

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 de origen: <http://www.nutrimetabolomics.com/es/proyectos>

Enlaces:

- [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>

