



## Proyectos de Investigación

1. **PODiaCar:** Fight against Pediatric Obesity: from a predictive tool for type 2 Diabetes and Cardiovascular diseases risk to healthy educational programs.
  - Financial Entity: EU Commission
  - Project Grant EU4H-2022-PJ-3.
  - PI-UGR: Prof. C. Campoy.
  - 2023-2026
2. **MPACT DIABETES B2B:** Implementation Action to prevent Diabetes from Bump 2 Baby (IMPACT DIABETES B2B): a low-resource system of care intervention for appropriate gestational weight gain and improved postnatal outcomes.
  - Financial Entity: EU Commission.
  - Ref.: 847984. H2020-SC1-2019-Two-Stage-RTD.
  - PI-UGR: Prof. C. Campoy.
  - 2020-2024.
3. **PREciSE, “Nutrition & the Epigenome”:** A precision nutri-epigenetic approach to tackle the mother-to-child transmission of impaired glucose metabolism.
  - Financial Entity: EU Commission. JPI a Healthy Diet for a Healthy Life
  - Referencia: ERA-HDHL-Epigenetics.
  - PI-UGR: Prof. C. Campoy.
  - 2019-2022.
4. **Caracterización epidemiológica, inmunogenética y metabólica de la hepatotoxicidad en la población pediátrica** (Estudio multicéntrico)
  - Financial Entity: Instituto de Salud Carlos III
  - Referencia: PI17/01989
  - PI-UGR: Esther Ocete Hita
  - 2017-2020
5. **Efectos de genética/genómica y microbiota sobre la programación temprana de obesidad, crecimiento y neurodesarrollo en niños.**
  - Financial entity: Ministry of Economy & Competitiveness.
  - Ref.: UNGR15-CE- 3676.
  - Granted Infraestructure: PeaPod, EGG inalámbrico y NIRS NIR SPORT.
  - Coordinator: Prof. Cristina Campoy.
  - 2016-2017.
6. **GD-BRAIN:** “Búsqueda de marcadores precoces del neurodesarrollo en hijos de madres con diabetes gestacional”.

- Financial entity: Ministry of Economy & Competitiveness.
  - Ref.: No: SAF2015-69265-C2-1-R.
  - Coordinator: Prof. Elvira Larqué (University of Murcia).
  - 2016-2020.
  - Principal Investigator-UGR: Prof. Cristina Campoy.
7. **DynaHEALTH**: “Understanding the dynamic determinants of glucose homeostasis and social capability to promote healthy and active aging”.
- Financial entity: European Union’s Horizon 2020 research and innovation programme under grant agreement No 633595.
  - Coordinator: University of Oulu (Finland): Sylvain Sebert and Marjo-Riitta Jarvelin.
  - Principal investigator-UGR: Cristina Campoy.
  - 2015-2019.
8. **MyNewGut**: “Microbiome Influence on Energy balance and Brain Development-Function Put into Action to Tackle Diet-related Diseases and Behavior.”
- Financial entity: FP7 Cooperation Theme 2 Food, Agriculture, Fisheries and Biotechnologies.
  - Call Identifier: FP7-KBBE-2013-7. GA N°: 613979.
  - Participants:
    - Coordinator: Agencia Estatal Consejo Superior De Investigaciones Científicas. CSIC Spain – Yolanda Sanz.
    - Principal investigator at UGR: Cristina Campoy.
  - 2013 –2019.
9. **FPI associated with PREOBE-2nd Follow-up study**: “Fetal programming of Growth and Neurodevelopment in the offspring born to obese and diabetic mothers. Genetic variants, epigenetic mechanisms and nutritional and immunological factors”.
- Ref.: BFU2012-40254-C03-01.
  - Financial entity: Spanish Ministry of Economy & Competitiveness.
  - FPI (BES-2013-065133) - Predoctoral Contract: Tomás Cerdó Arraez, who participated in the PhD Program in Biomedicine of the University of Granada and is a fellow of the Program at the Spanish Ministry of Economy and Competitiveness.
  - Principal Investigator at UGR: Prof. Cristina Campoy.
  - 2014–2017.
10. **PREOBE-2nd Follow-up**: “Fetal programming of Growth and Neurodevelopment in the offspring born to obese and diabetic mothers. Genetic variants, epigenetic mechanisms and nutritional and immunological factors”. Financial entity: Spanish Ministry of Economy and Competitiveness.
- Ref.: BFU2012-40254-C03-01.
  - Participants
    - Departments of Paediatrics
    - Clinical Neuropsychology
    - Analytical Chemistry and Biochemistry.
    - Universty of Granada. Department of Nutrition and Bromatology.
    - School of Pharmacy. University of Barcelona. Spain.

- Department of Physiology. University of Aberdeen, UK.
    - Department of Physiology. University of Nottingham, UK.
  - Principal Investigator-UGR: Prof. Cristina Campoy - (Coordinated Project).
  - 2013-2016.
- 11. **NutriOMICS**: “Effects of early programming on child's neurodevelopmental outcomes”.
  - Financial entity: EU Commission – Marie Curie Program.
  - Ref.: 2013/IEF/329812.
  - Participants
    - Signe Altmäe (Grant Holder)
    - Cristina Campoy. Department of Paediatrics. School of Medicine. University of Granada. Spain.
    - Principal Investigator-UGR: Prof. Cristina Campoy (Coordinator).
  - 2013-2016.
- 12. **EarlyNutrition**: Long term effects of early nutrition on later health.
  - Financial entity: FP7 KBBE-2011-1. Grant agreement nº: 289346. European Commission - DG Research. Directorate E - Life Sciences: Biotechnology, Agricultural and Food Research.
  - Ref. number: GA nº: 289346.
  - Participants
    - Coordinator: Prof. Berthold Koletzko. Dept. of Paediatrics. University of Munich (Germany).
    - Principal Investigator-UGR: Prof. Cristina Campoy.
  - 2012-2017.
  - [Web del proyecto EarlyNutricion](#)
- 13. **Programación fetal del crecimiento y neurodesarrollo en hijos de madres obesas y diabéticas**. Estudio de la composición corporal.
  - Financial entity: Ministerio de Economía y Competitividad.
  - Ref.: UNGR13-1E-2472.
  - Principal researcher-UGR: Prof. Cristina Campoy - (Coordinated Project).
  - 2013-2015.
- 14. **Estudio multicéntrico aleatorizado, controlado y doble ciego con hipotermia corporal total + melatonina vs. Hipotermia corporal total + placebo en recién nacidos con asfixia neonatal**.
  - Dirección General de Farmacia y Productos Sanitarios. Ministerio de Sanidad, política social e igualdad.
  - Investigador principal: Prof. Antonio Jerez-Calero.
  - 2012-2014.
- 15. **Estudio multicéntrico aleatorizado, controlado y doble ciego, vs placebo**: Utilidad de la Melatonina como Antioxidante y Neuroprotector en Patologías de la Prematuridad (PI-0480-2011).
  - Investigador/es responsable: Prof. Antonio Muñoz Hoyos.
  - Fecha de inicio: 2012

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