

## PROPUESTA PARA SOLICITUD DE UN POSTDOC (mayo 2024)

Centro de Investigación en Nutrición

Area: Bioactive compounds

Subárea: Bioactive compounds. Prebiotics and probiotics

Investigadores responsables del postdoc: Fermín Milagro, Paula Aranaz

### REQUIREMENTS:

- PhD in Health Sciences (e.g. Pharmacy, Chemistry, Biology, Biochemistry, Biotechnology)
- Strong research profile in research on **functional compounds** with possible application in **functional foods** or **nutraceuticals** for the prevention of diseases (e.g. obesity, diabetes, fatty liver, cardiovascular diseases), especially in the field of **probiotics /prebiotics** and **gut microbiota**.
- Experience in cellular models (in vitro, ex vivo)
- Capacity to work with animal models (valuable: previous work with rodents and *C elegans* model);
- Experience in transcriptomics, metagenomics, metabolomics and/or proteomics;
- Experience in research on mechanisms of action (and biomarkers) associated with bioactive compounds, drugs, etc. (molecular biology).
- Experience in statistics related to omics data.
- Capable of managing projects, including budgets.
- Capable to do oral presentations and write articles in English.

### WILL BE VALORATED:

- International postdoctoral stay
- Experience in companies in the pharmaceutical, food and/or nutraceutical sector

Observations: We are looking for an enthusiastic postdoc, with experience in cellular and molecular biology, who likes the laboratory and applied research. The focus of the research is on the functional evaluation of bioactive compounds, especially probiotics, prebiotics and postbiotics.

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