



JOB DESCRIPTION

The Centre for Nutrition Research at the University of Navarra has opened a process of selection of one full-time researcher for the next coming months. We are looking for internationally oriented, enthusiastic and experienced candidates with an excellent research record, capable of complement and enhance the current research lines of the Centre.

We are offering full-time employment in a research-oriented university that carries out both fundamental and applied scientific research.

Candidates should be successful research leaders who like to work in an innovative and dynamic working environment and want to create successful collaborations with external research and industrial partners and have a focus on both basic and applied research.

The Centre for Nutrition Research is a basic-applied centre devoted to develop excellence research but with a clear focus on applicability and transfer of medium-term results:

- Perform excellence research on topics related to Nutrition and Health and, more specifically, to obesity and associated comorbidities.
- Transfer to industry, mainly to the food and pharmaceutical sectors, research results as well as knowledge of the Centre researchers in order to improve productivity and support the development of new food and nutraceutical products.
- Providing industry with services related to the areas of nutrition, dietetics, and food in general.

Responsibilities and tasks

Candidates will:

- be responsible for the implementation of basic and applied research within their areas;
- establish synergies between their own research and other related research activities;
- maintain a strong national and international network of contacts with leading research groups, as well as pursuing industrial contacts within the food industry;
- be capable of effective knowledge exchange with society and industry;
- attract external research grants from industry, national and international sources.

REQUIREMENTS

- PhD in Health Sciences (e.g. Pharmacy, Chemistry, Biology, Biochemistry, Nutrition...) or related (e.g. Biomedical Engineering, Computer Engineering and Artificial Intelligence...)
- International post-doc in a well-recognised international Research Centre (minimum 24 months).
- Strong research profile in one or more of the following fields:
 - Identification of mechanisms and targets involved in the regulation of metabolic diseases
 - Biomarkers: study of the interactions between life-style factors (e.g. nutrition) and the genome for defining biomarkers of response, diagnosis and/or prognosis.
 - Bioactive compounds: 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,).
 - Precision Medicine.
- Competence in big-data management and AI/advance statistics related to omics data
- Ability for team working and leadership capacities.
- Ability to identify problems and opportunities for research.
- Results orientation.
- Ability to work with industry (pharmaceutical, nutraceutical, food) and to valorise research outputs.



- Capable of acquiring competitive funding: conditions for applying to competitive calls (including European ones) and managing projects, including budgets and, especially, people and teams.
- Proficiency in English is required. The official language used at UNAV is Spanish. If the candidate does not speak Spanish (or does not speak it well) at the start of employment, the candidate should take language training to be able to take part in meetings.

Valuable skills (one or more)

- experience in cellular models (*in vitro*, *ex vivo*)
- experience in animal models (valuable: previous work with *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.;

Candidates must submit **BY E-MAIL** their CV and a complete list of publications to the address cin@unav.es, indicating the reference CIN_RECR_2023 in the mail subject. **DEADLINE: March 31st 2024**

Pre-selected candidates will be contacted for a 2nd stage evaluation by submitting a 3-year Scientific Plan proposal.

Finally, selected candidates (2) will **join the Centre by September 2024**.