

## **CALL FOR PRE-DOCTORAL STUDENT IN THE FIELD OF NUTRITION EPIDEMIOLOGY USING OMICS AT THE HUMAN NUTRITION UNIT OF ROVIRA I VIRGILI UNIVERSITY – IISPV**

The Division of Human Nutrition, from the Department of Biochemistry and Biotechnology, at the Rovira i Virgili University (<https://www.nutricio.urv.cat/ca/>), and the Institute of Health Pere Virgili is currently looking for a pre-doctoral student who applies for a grant in the field of Nutrition Epidemiology in the context of the PREDIMED-Plus study.

**The selected candidate will join a line of research focused on the modulation of circulating metabolome, microbiome and its potential role in obesity, diabetes and cognition.**

Our research group is leading a large (n=6900) national funded project (PREDIMED-Plus) aimed to evaluate the effect of an intensive weight loss intervention based on an energy restricted Mediterranean diet, physical activity promotion, and behavioral support on hard cardiovascular events in comparison with a control group receiving usual care, including the recommendation to follow an energy-unrestricted Mediterranean diet without any advice to increase physical activity. The primary endpoint of this trial is a composite of CVD events (cardiovascular death, nonfatal myocardial infarction, and nonfatal stroke), but also we will ascertain other secondary obesity-related endpoints and intermediate risk factors. In the context of this trial and with funds from an European and USA (National Institutes of Health) grants 16s gut microbiota profiling and metabolomics have been applied in a large sample of participants.

### **What the position offers you**

We offer a stimulating and diverse work environment, with dedicated support for developing an academic career. Members of our research group become part of international networks and benefit from opportunities to attend conferences and workshops around the world.

### **Qualifications**

The successful candidate is expected:

- Degree in Public Health, Epidemiology, Nutrition and Dietetics, Biomedicine, Bioinformatics or other biomedical science-related
- Master degree obtained in the last 2 years.
- A final mark above 8.3 is required by Spanish scale marks <https://www.educacionyfp.gob.es/servicios-al-ciudadano/catalogo/gestion-titulos/estudios-universitarios/titulos-extranjeros/equivalencia-notas-medias.html>
- To get the grant, the candidate has to be either accepted in a Doctorate Program or having a Master Degree.
- Self-motivation, independence and flexible working attitude and an ability to motivate workmates will be positively evaluated.
- English B2 or more level.

### **The following are considered assets, but not requirements:**

- Previous experience in nutritional epidemiology or omics sciences will be considered.
- Basic knowledge in epidemiology/statistics (R or Stata software's) will be highly evaluated.
- Publications, posters, congress attendance and other merits will be also well-considered.
- Applicants should send a Letter of Interest, a Curriculum Vitae and a copy of the Degree's marks to [nutriciohumana@urv.cat](mailto:nutriciohumana@urv.cat).