

**CALL FOR PRE-DOCTORAL STUDENT IN THE FIELD OF  
NUTRITION, TYPE 2 DIABETES AND DEMENTIA  
ROVIRA I VIRGILI UNIVERSITY - IISPV**

The research Group in Nutrition, trans-omics and metabolic diseases from the Department of Biochemistry and Biotechnology, at the University Rovira i Virgili and the Institute of Health Pere Virgili is currently looking for a pre-doctoral student interested in the field of nutrition, Type 2 Diabetes and dementia.

Our research group is leading a national funded project aimed to evaluate a pathophysiological model in which miRNAs, through its modulatory role on insulin resistance, have the potential to support a molecular link explaining the association between T2D and dementia. The study also proposes that some nutritional interventions, that have been demonstrated effective to ameliorate insulin resistance, would be a useful strategy to regulate these miRNAs with an important impact on brain health. Results from the study could be useful in the generation of preventive and/or therapeutic strategies that could help to prevent or ameliorate AD.

The successful candidate must have a Degree in Biology, Biomedicine, Biotechnology or Biochemistry and Molecular Biology or other biomedical science-related degree. A final mark above 8.0 is needed. To get the grant, the candidate has to be either accepted in a Doctorate Program or having a Master Degree. Previous experience in molecular methodologies (DNA-RNA extraction, RT-PCR) and animal manipulation will be considered. Publications, posters, congress attendance and other merits will be also well-considered. Self-motivation, independence and flexible working attitude and an ability to motivate workmates will be positively evaluated.

Applicants should upload a Motivation Letter, Curriculum Vitae and a copy of the Degree's marks to [monica.bullo@urv.cat](mailto:monica.bullo@urv.cat) before 5th October 2020.