

CONVOCATÒRIA DE VACANT IC06_24

JOB TITLE

Researcher in the field of nutrition, metabolism and Alzheimer's disease/dementia.

Researcher career profile (R3)

JOB DESCRIPTION

The Clinical and Epidemiological Neuroscience (NeuroÈpia) Group is looking for a researcher interested in the field of nutrition, metabolism and Alzheimer's disease/dementia to work in the project "Metabolite signatures of Mediterranean diet, cognitive change and AD risk" funded by the Alzheimer's Association (23AARG-NTF-1027318).

The main task of the researcher is to work on the above-described research field. This will be deeply orientated in statistical and epidemiological methods. The work mainly includes planning and performing statistical analysis and writing scientific articles within the planned studies, but other undertakings within the research group and involvement in other research studies may also take place.

The Pere Virgili Institute for Health Research (IISPV) is an institution that integrates research in the field of biomedicine in the "Camp de Tarragona" and the "Terres de l'Ebre". The IISPV is the instrument that the university hospitals of both health regions have been endowed with (Joan XXIII University Hospital of Tarragona, Verge de la Cinta Hospital of Tortosa, Sant Joan de Reus University Hospital, Institut Pere Mata University Hospital of Reus) and Rovira and Virgili University, in order to bring together and manage biomedical research and innovation in the territory.

NeuroÈpia Group is a multidisciplinary scientific group with several lines of research: Neurology line does research about neuropathic pain, abnormal perception of nociception stimuli and neurophysiologic and histological techniques applied to their diagnoses. It also studies neuroimmunology and the use of telematics measurements for monitoring patients with walking difficulties (accelerometry). Regarding Clinical Neurophysiology, many studies are being conducted to develop different electrophysiological devices to improve

electroencephalographic register and specifically localization of cranial points. Finally, in Neuroepidemiology, human neuropsychological development and how lifestyles and environmental factors affect it through life are studied.

Number of available positions: 1

The selected candidate will perform the following tasks: Supervision of the International project about Mediterranean diet, biomarkers and Alzheimer disease. He/She will manage the project and coordinate the data collection, data cleaning, statistical analyses and writing scientific articles. He/She will deliver the results to the Alzheimer Association (funder) and to the society in general by a press release.

CANDIDATE PROFILE

- Degree in Nutrition and Dietetics
- The researcher must hold a Doctorate degree (PhD) in biomedicine or public health
- Additional training related to the field epidemiology and biostatistics
- Minimum 48 months of postdoctoral experience, including at least 6 months of international exchanges
- At least 10 scientific articles published in high impact journals, mainly in the field of metabolomics.

REQUIREMENTS

- Minimum of 5 years demonstrated experience in statistical analysis of epidemiological data
- Knowledge of office automation (Microsoft Office) especially Word/Excel/PowerPoint/Access/Outlook, advanced level, and major statistical software packages (SPSS, STATA, R)
- Teamworking, kindness, dynamism, versatility, rigour, responsibility and confidentiality
- Demonstrated understanding of a field of study and mastery in research associated with that field
- Demonstrated ability to conceive, design, implement and adapt a substantial programme of research with integrity
- Demonstrated critical analysis, evaluation and synthesis of new and complex ideas

- Established reputation based on research excellence in their field
- Positive contribution to the development of knowledge and research through co-operations and collaborations
- Ability to conduct research independently which advances a research agenda
- Ability to take the lead in executing collaborative research projects in cooperation with colleagues and project partners
- Publications of scientific papers as lead author

IT WILL BE VALUED

- Knowledge of nutrition, metabolism and quantitative research methods
- Motivation, creativity, initiative and proactive attitude
- Ability to learn, flexibility and adaptability
- Advanced skills in biostatistics and experience in statistical analysis of metabolomics data
- Previous experience in similar projects
- Ability to identify and solve problems
- Development of integrated language, communication and environment skills, especially in an international context
- Mentoring of First Stage Researchers and helping them to be more effective, and successful in their R&D trajectory
- Ability to form research consortia and secure research funding / budgets / resources from research councils
- Commitment to the professional development of his/her own career and acting as mentor for others

LABOUR CONDITIONS

- Part-time position 20 hours per week
- Workplace: HUSJ de Reus / HJ23 de Tarragona / Facultat de Medicina de Reus)
- Contract: Indefinite of scientific-technical activities (the project tasks are expected to be finished in 12 months)
- Gross annual salary: 33.000 – 34.000 €
- Starting date: March 2024
- Teleworking conditions subject to negotiation

SELECTION PROCEDURE

- Selection of CV's. Suitable and unsuitable CV's will be identified according to the requirements. Applicants who do not meet the requirements indicated in the candidate profile and requirements will not pass to the next phase.
- Evaluation of the CV. Evaluation of the CVs up to a maximum score of 40 points.
- Cover Letter. Attach to the resume a cover letter with a maximum length of 2500 characters with spaces. With a maximum score of 10 points.

To access the interview phase it is necessary to have obtained a minimum score of 40 points in the sum of scores of the evaluation of the curriculum and cover letter

- Personal interview (interview). With a maximum score of 50 points.

Items	50
Attitude	10
Fit in the work place	10
Experience, developed functions/skills	20
Teamwork	10

SELECTION COMMITTEE

- President: Jordi Julvez (Group Leader)
- Chair 1: Vicenç Pascual.
- Chair 2: Nicolás Ayala.

SUBSTITUTES:

- President: Mònica Bulló. (Principal Investigator)
- Chair 1: Jaume Folch. (Principal Investigator)
- Chair 2: Hamza Mostafa (Postdoctoral Researcher)

CANDIDATURES

- The CV must include the number inn DNI / NIE or personal identity document.
- The CV and the Cover Letter will only be accepted through the IISPV website. <https://www.iispv.cat/treballa-amb-nosaltres/>

For any qüestions or queries: recruitment@iispv.cat

DEADLINE FOR RECEIPT OF CV 18/02/2024

COMMUNICATIONS

The IISPV will inform the candidates if they have been admitted or excluded to access the interview.

The IISPV has the European accreditation The Human Resources Strategy for Researchers (HRS4R), complies with the general principles of the European Charter for Researchers and the Code of Conduct for the recruitment of researchers.

The IISPV has an internal recruitment policy that follows the Open, Transparent and Merit-based Recruitment (OTM-R) policies. More information about the HRS4R policies implemented at the IISPV is available on the following website: <https://www.iispv.cat/hrs4r-hr-excellenceresearch/>

The IISPV will guarantee the right to equal opportunities and treatment, as well as the real and effective exercise of rights by people with disabilities under equal conditions with respect to other citizens, through the promotion of personal autonomy, universal accessibility, access to employment, inclusion in the community and independent living and the eradication of any form of discrimination, in accordance with articles 9.2, 10, 14 and 49 of the Spanish Constitution and the International Convention on the Rights of Persons with Disabilities and international treaties and agreements ratified by Spain.

In the event of a tie, priority will be given to hiring the person with a disability.

In the event of a tie between people of different genders, the person of the least represented gender in the work group/department/service in which he joins will be hired.