

IMDEA Food Institute adheres to the European Charter for Researchers and Code of Conduct for the Recruitment of Researchers.

Call for Senior Postdoctoral Position at IMDEA-Food Institute

(Ref. PDS2020/012)

The IMDEA Food Institute (Madrid Institute for Advanced Studies in Food) is a food science research institution created by the Madrid Regional Government in coordination with universities, research centers of Madrid, and enterprises. Constituted as a non-profit organization within the framework of the IV Regional Plan for Scientific Research and Technological Innovation (IV PRICIT), it is conceived - structurally and legally - with the aim of bringing research into society.

IMDEA Food Institute is committed to excellence in research and to foster technology transfer to the industrial sector in a truly international environment. More information about the research and scope of the activities of IMDEA Food Institute can be found at the institute webpage <http://www.food.imdea.org>.

Within this context, the IMDEA Food Foundation launches this Call for the recruitment of a Senior Postdoctoral researcher who wants to develop his/her research career at IMDEA Food in Food and Health Area, covering the following position:

1. Position Description.

- Ref. PDS2019/022. Senior Postdoc Researcher in “*Nutrición de precisión para el mantenimiento y mejora de la función cognitiva, Proyecto HEALTH4BRAIN*” project according to Annex 1.

Principal Investigator: Ana Ramírez de Molina, PhD (ana.ramirez@imdea.org)

2. Eligibility criteria.

Candidates must fulfill at the moment of applying the requirements, qualifications and experience according to Annex 1.

3. Evaluation and selection of candidates.

Candidates will be selected based on the profiles described in Annex 1 as appropriately outlined in their CV by a Selection Committee composed by scientist staff of IMDEA Food Institute. Ad-hoc experts could be participating in the process. The best-qualified applicants can be invited locally for an interview by the Selection Committee.

4. Application.

Interested candidates should submit their applications before 15 natural days counted from the day after the publication of this resolution on the website of the Foundation.

They must send by e-mail to rrhh.alimentacion@imdea.org, with the Reference of the position (Ref. PDS2020/012), the following documents before the deadline:

1. Curriculum Vitae, preferably in Europass model (<https://europass.cedefop.europa.eu/es/documents/curriculum-vitae>)
2. A one-page cover letter explaining clearly why the candidate profile match the education and experience requirements related with the offered position and the interest to join the group.

Please be aware of the following: Please be aware of the following: At any time during the selection process, candidates may be requested to present the documentation justifying the requirements and merits alleged in the curriculum.

You will not be able to submit an application after the deadline.

The results of the selection process will be published in the IMDEA Food Institute's web page <https://www.food.imdea.org/careers/postdoctoral-researchers> and the selected candidate will be notified by e-mail.

The selected candidate will receive a contractual offer and - if he/she agrees with it - must accept it within five (5) days after notification.

5. Data Protection Policy.

Pursuant to the provisions of Regulation (EU) 2016/679 of the European Parliament and of the Council, of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation), we inform you that the personal data contained in the CV you sent us will be recorded in a file for which the IMDEA FOOD FOUNDATION with registered office at Ctra. de Cantoblanco, no 8 28049 Madrid (Spain), with the sole purpose of rights of access, rectification, cancellation and objection to their personal data by contacting the IMDEA FOOD FOUNDATION at the above address or by sending us an e-mail to datos.alimentacion@imdea.org.

6. Financing.

This contract will be financing by the project Ref. RTC2019-007294-1- HEALTH4BRAIN, from the Agencia Estatal de Investigación and the Secretaría de Estado de Investigación, Desarrollo e Innovación under the *Convocatoria de tramitación anticipada del año 2019, para la concesión de las ayudas correspondientes a la convocatoria de Proyectos de I+D+i «Retos- Colaboración» del Programa Estatal de Investigación, Desarrollo e Innovación Orientada a los Retos de la Sociedad, en el marco del Plan Estatal de Investigación Científica y Técnica y de Innovación 2017-2020* (Resolución de 23/09/2019 de la Secretaría de Estado de Investigación, Desarrollo e Innovación y la Presidencia de la Agencia Estatal de Investigación).

7. Publicity.

Publicity of this call will be given in the following websites:

IMDEA ALIMENTACION: <http://www.alimentacion.imdea.org>

Others:

Portal de empleo del sistema madri+d: <http://www.madrimasd.org/empleo/default.asp>

Red IRIS: <http://www.rediris.es/>

EURAXESS Jobs Portal of the European Commission:

<http://ec.europa.eu/euraxess/index.cfm/jobs/index>

Madrid (Spain) October, 2020

Guillermo Reglero Rada
Director of IMDEA Food Institute

Annex 1

Candidates must fulfill the following requirements in the moment of applying:

- REFERENCIA: Ref. PDs2020/012	
Job title	Senior Postdoctoral Researcher for <i>"Precision Nutrition for cognitive function improvement: HEALTH4BRAIN"</i> Project
Principal Investigator	Ana Ramírez de Molina, PhD
Location	Madrid, SPAIN
Job Category	Senior Postdoctoral Researcher (Contribution Group I)
Job Conditions	<p>Temporary full-time employment contract with trial period established by law.</p> <p>Dedication: Full time (37,5 hours per week) with morning and afternoon work from Monday to Friday.</p> <p>Duration: This position is for 1 year, renewed depending on productivity and adaptation to the IMDEA-Food Institute.</p> <p>Annual gross salary: 29,445 – 32,000 euro, commensurate with experience and the candidate's worth.</p> <p>The incorporation of the candidate to the IMDEA Food Institute is expected to be immediately after the selection process.</p>
Job description	<p>-Evaluation of specific genotypes and the effect of metabolic reprogramming (metabolic genes and lipid metabolism pathways) on the regulation of cognitive function and on the prevention, progression and therapy of age-related diseases, and its association with metabolic disorders. Study of molecular biomarkers of risk, prognosis and treatment for Precision Medicine and Nutritional approaches to disorders in cognitive function and metabolic alterations. The candidate will also study the relationship among metabolic alterations at the molecular level, the anthropometric and nutritional characteristics of patients and their association with cognitive function, with the objective of establishing specific nutritional strategies in each case.</p> <p>- The candidate will supervise predoctoral, bachelor and master students, help in the submission of projects, paper writing, paper revision, data presentation, and relationship the companies involved in the project. Also, he/she will coordinate common tasks in the laboratory, as well as in nearby centers in selection with the project.</p>
Education requirements	PhD in Life Sciences related discipline (Biology, Biochemistry, Pharmacy, Medicine, Veterinary Sciences, Food Sciences and Technology, or related).
Qualifications	- The applicant should have 9-years minimum of experience as a postdoctoral researcher in fields such as: bionergetic status of neurons, neurogenesis, lipid metabolism, adiposity, molecular biomarkers, cell cycle

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| | <ul style="list-style-type: none">- Demonstrated experience in cell biology and molecular biology techniques including cell culture, cell bioenergetics with a special focus in neurons, in terms of scientific research articles of high impact in the field- Experience in working with different in vitro models. Expertise in human samples management: blood, saliva, paraffin embedded tissue, DNA, RNA and protein extraction, will be considered.- Experience in management of “-omics” technologies will be highly desirable, including: genomics (sequencing and genotyping), transcriptomics and expression arrays management and proteomics or metabolomics data.- Fluent management of genotypic/phenotypic data and use of biological databases and statistical tools (SPSS) will be valuable.- Participation in competitive public funding projects.- Direction and supervision of PhD Thesis, Master degree or BCs students are highly acknowledge.- Successful candidacy in highly competitive scientific programs for young research investigators (i.e. Programa “Juan de la Cierva”, Programa “JAE” etc.) will be highly acknowledge.- Demonstrated independence, pro-active attitude, professional and excellent communication skills both written and spoken.- Demonstrated strong organizational and coordination skills, including the ability to prioritize.- Ability to work independently on routine duties, as well as new assignments.- Knowledge and leadership/participation in clinical trials will be valued, as well as participation in European international consortia.- We are looking for a proactive person showing initiative and with decision-making skills.- Fluent use of English |
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