Call for Web Application Developer Position at IMDEA-Food Institute (Computational Biology Group)

(Ref. IT2021/008)

The IMDEA Food Institute (Madrid Institute for Advanced Studies in Food) is a 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 research technician who wants to develop his research career at IMDEA Food in Food and Health Area, covering the following position:

The Computational Biology Group within the IMDEA-Food Institute is seeking for a **highly motivated scientist with expertise in web application development**. The candidate will be involved in the European project "Food Nutrition Security Cloud (FNS-Cloud)", a large European consortium with 36 partners. The candidate will work in the tasks leaded by the group to create the front-end of scientific software to be developed in the context of the project in collaboration with other colleagues. In addition, the candidate will have the opportunity to collaborate with other members of the group to develop new bioinformatic tools.

The Computational Biology Group is a multidisciplinary community of bioinformaticians, biostatisticians, molecular biologists and microbiologists focused on the study of nutritional behaviours on health and complex diseases, such as the complexity in the relationships between food, genes and disease to establish precision personalized nutrition strategies based on individual molecular background. The group leader provides focused and tailored mentoring to ensure that group members reach the desired career goals.

1. Position Description.
- Ref. IT2021/008. Web Application Developer Position for *"Food Nutrition Security Cloud (FNS-Cloud)"* project, according to Annex 1.

Principal Investigator: Dr. Enrique Carrillo (enrique.carrillo@imdea.org)

2. Eligibility criteria
Candidates must be, at the date of the call deadline, in possession of the following requirements:

a) Applicants should be in possession of degree required in Annex 1.
   In case of foreign academic degrees, you must have the corresponding recognition or equivalence of official higher education degree or equivalent qualifications issued by issued by the Ministry of Education and Vocational Training of Spain.

b) Candidates from outside -an European Union country or Switzerland, or a country member of the European Economic Area (EEA)-, must have a valid work visa.

c) Must be in possession of the documentation accrediting the requirements and qualifications set out in Annex 1.

3. Evaluation and selection of candidates.

Candidates will be selected based on the profile 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 will go to the second selection phase consisting of a personal interview by the Selection Committee.

The personal interview will consist of conducting a face-to-face or videoconference interview that will deal only with the merits claimed by the candidates in the competition phase and will be aimed at assessing the candidate's suitability for the position. The interview will have a maximum duration of 45 minutes.

4. Application.

4.1. Interested candidates should submit their applications thorough the Recruitment Portal website of the Foundation, with the following documents before the deadline:

a) Curriculum Vitae, preferably in Europass model (https://europass.cedefop.europa.eu/es/documents/curriculum-vitae)

b) Official Academic Title set up in Annex 1.

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

4.2. Submission of candidatures: Recruitment Portal of the Foundation: https://jobs.food.imdea.org/ Or https://www.food.imdea.org/careers- Open Calls >>

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4.3. Please note that only applications received through the Recruitment Portal of the Foundation portal will be considered. Incomplete applications will not be considered.

4.4. The deadline for submitting applications will be within 15 calendar days from the following day the publication of this Call.

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

4.5. The results of the selection process will be published in the Recruitment Portal of the Foundation 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. Additionally, the resolution will be notified via e-mail to all candidates.

5. Incompatibilities

The Foundation is considered a public research organization of the Community of Madrid and belongs to the institutional public sector, therefore, the regulations of incompatibilities established in the Law 53/1984, December 26th and R.D. 598/1985, April 30th, will be applicable to the contract,

therefore the candidate must not be involved in any of the incompatibilities contemplated in said regulations.

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 from the European Union's Horizon 2020 Research and Innovation Programme under Grant Agreement No 863059 — FNS-Cloud.

7. Publicity of the call.

Publicity of this call will be given in the following websites:
Recruitment Portal of IMDEA Food Foundation: https://jobs.food.imdea.org
https://www.food.imdea.org/careers - Open Calls >>
Others:
EURAXESS Jobs Portal de la Comisión Europea: http://ec.europa.eu/euraxess/index.cfm/jobs/index
Portal de Empleo de I+D+i Madri+d: http://www.madrimasd.org/investigacion-empresas/empleo-idi
Red IRIS (red académica y de investigación española): http://www.rediris.es

Madrid (Spain), October 2021

Guillermo Reglero Rada
Director of IMDEA Food Institute

Annex 1.
Web Application Developer Position

The following requirements must be fulfilled by all candidates at the moment of applying:

-REFERENCE: Ref. IT2021/008	
Job Title	Web Application Developer Position for *"Food Nutrition Security Cloud (FNS-Cloud)"* project.
Principal Investigator	Dr. Enrique Carrillo (enrique.carrillo@imdea.org)
Location	Crta. de Cantoblanco nº8, CP- 28049 Madrid, SPAIN
Number	1
Job Category	Technician
Job Conditions	Duration: Temporary full-time employment contract for 12.-months with trial period established by law. Dedication: Full-time (37.5 h / week), split day, Monday to Friday Annual gross salary: 20.000 € The incorporation of the candidate to the IMDEA Food Institute is expected to be immediately after the selection process.
Job description	The Computational Biology Group within the IMDEA-Food Institute is seeking for a highly motivated scientist with expertise in front-end tools development. The candidate will be involved in the European project "Food Nutrition Security Cloud (FNS-Cloud)", a large European consortium with 36 partners. The candidate will work in the tasks leaded by the group to create the front-end of scientific software to be developed in the context of the project in collaboration with other colleagues. In addition, the candidate will have the opportunity to collaborate with other members of the group to develop new bioinformatic tools. The Computational Biology Group is a multidisciplinary community of bioinformaticians, biostatisticians, molecular biologists and microbiologists focused on the study of nutritional behaviours on health and complex diseases, such as the complexity in the relationships between food, genes and disease to establish precision personalized nutrition strategies based on individual molecular background. The group leader provides focused and tailored mentoring to ensure that group members reach the desired career goals
Education Requirements	• Occupational professional training in web applications, BSc Engineering in Computer Science or similar.
Other Education to evaluate:	• Additional background in Bioinformatics, Computational Biology, Applied Mathematics, Physics, Statistics or similar will be considered during the process but not compulsory.
Qualifications	Professional experience & expertise required: • Experience with HTML, CSS y Javascript (Jquery) or others • Experience with SQL databases • Experience in PHP • Experience with wordpress

Other Professional experience & expertise to evaluate:

• Recommended experience in VueJS or similar (AngularJS, React or others)
• Recommended experience in Highchats or similars to create interactive charts for web and mobile projects
• Recommended experience in source code repositories (e.g. Github).

Skills (to evaluate in the interview):

The successful candidate needs to show:
• An excellent oral presentation & writing (in English) skills,
• Ability to perform collaborative research in a highly multi-disciplinary environment
• Highly independent, motivated, and collaborative person
• Good organizational and communication skills
• Significant research initiative.