

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

## **Call for Postdoctoral Position at IMDEA-Food Institute (Ref. PD2019/010)**

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 one Postdoctoral Scientist who wants to develop a short-term research at IMDEA Food in Clinical Proteomics, covering the following position:

### **1. Eligibility criteria.**

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

### **2. Position Description.**

- Ref. PD2019/010. PhD scientist for the “*Food derived extracellular vesicles as optimal, safe and edible nanocarriers for the biotechnology and food industries*” project according to Annex 1.

Principal Investigator: Aida Serra Maqueda, PhD ([aida.serra@imdea.org](mailto:aida.serra@imdea.org))

### **3. Conditions.**

Selected candidate will be given a temporary full-time contract of 3 months according to standard regulations in Spain, after obtaining the mandatory authorizations, to perform project related experiments about characterization of extracellular vesicles by shotgun proteomics and imaging techniques.

Annual gross salary: 25.000 euros.

The incorporation of the candidate to the IMDEA Food Institute is expected to be immediately after the selection process.

### **4. 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.

### **5. Application.**

Interested candidates should submit their applications before 15 natural days (before 17:00 p.m. local time) 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](mailto:rrhh.alimentacion@imdea.org), with the Reference of the position (Ref. PD2019/010), the following documents:

1. Curriculum Vitae (including a cover letter), preferably in Europass model (<https://europass.cedefop.europa.eu/es/documents/curriculum-vitae>) before the deadline.

Please be aware of the following: Only applications sent by e-mail to [rrhh.alimentacion@imdea.org](mailto:rrhh.alimentacion@imdea.org) and with all requested documentation will be taken into account in the process. Otherwise, the candidatures will not be able of being evaluated and will be rejected.

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.

## **6. 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 [rrhh.alimentacion@imdea.org](mailto:rrhh.alimentacion@imdea.org).

## **7. Financing.**

This contract will be financing by Comunidad de Madrid thorough the grant of Talent Attraction Program ref. 2018-T1/BIO-10633 according to *ORDEN 4439/2018, de 14 de diciembre, del Consejero de Educación e Investigación, por la que se resuelve la convocatoria de ayudas a la atracción de talento investigador para su incorporación a grupos de investigación de la Comunidad de Madrid (BOCAM nº 6 de 08-01-2019)*.

## **8. 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/>

Madrid+d: [www.madrimasd.org/](http://www.madrimasd.org/)

EURAXESS Jobs Portal of the European Commission:  
<http://ec.europa.eu/euraxess/index.cfm/jobs/index>

Madrid (Spain) October 9th, 2019

Guillermo Reglero Rada  
Director of IMDEA Food Institute

## Annex 1

### PhD expert in Clinical Proteomics

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

<b>Ref. PD2019/010</b>	
<b>Job Title</b>	Postdoctoral investigator in " <i>Food derived extracellular vesicles as optimal, safe and editable nanocarriers for the biotechnology and food industries</i> "
<b>Principal Investigator</b>	Aida Serra Maqueda, PhD.
<b>Location</b>	Madrid, Spain
<b>Job Category</b>	Postdoctoral Researcher
<b>Job Description</b>	<p>Scientific research in the framework of the project 2018-T1/BIO-10633 titled "Food derived extracellular vesicles as optimal, safe and editable nanocarriers for the biotechnology and food industries".</p> <p>Scientist activities expected include:</p> <ul style="list-style-type: none"> <li>-Preparation and analysis of proteomic samples, with a focus on discovery-driven research strategy.</li> <li>-Development of methods for the isolation of extracellular vesicles.</li> <li>- Characterization of extracellular vesicles by mass spectrometry, shotgun proteomics, cryo-electron microscopy, dedicated flow cytometry and nano-particle track analysis.</li> <li>- Data analysis of proteomics data sets.</li> </ul>
<b>Qualifications</b>	<p>Scientific skills proven by JCR indexed publications as first author:</p> <ul style="list-style-type: none"> <li>- Strong background in clinical proteomics.</li> <li>- Practical experience in sample preparation for label-free and labeled proteomics.</li> <li>- Expertise in isolation and characterization of exosomes and microvesicles.</li> <li>- Experience in high-throughput proteomics data analysis.</li> <li>-Knowledge on specific software such as Mascot, PEAKS Studio, Proteome Discoverer, etc.</li> <li>- Expertise in dedicated flow cytometry.</li> <li>- Expertise in microscopy and immunostaining.</li> <li>-Proficiency in English (written and spoken English is required).</li> <li>-Ability to write manuscripts.</li> <li>-Good communication skills.</li> <li>-Highly independent and collaborative.</li> </ul>
<b>Education Requirements</b>	PhD level in Medicine, Chemistry or Life Sciences with proven international experience (>2 years after PhD completion) in proteomics.