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

The European Social Fund will co-finance 50% of the contract formalized out of this call through the Regional Competitiveness and Employment Objective for the period 2014-2020

2018 Call for Postdoctoral Scientist at IMDEA-Food Institute (Ref. PD2018/022)

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 their research at IMDEA Food in Food and Health Area, covering the following positions:

1. Eligibility criteria.

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

Ph.D. Biochemistry, Molecular Biology and/or Biomedicine with at least 9 years of full time postdoctoral scientist experience.

Authorship in at least 20 SCI scientific publications in cancer and/or human genetics areas. Qualifications and experience according to the position (Annex 1)

2. Position Description.

- Ref. PD2018/022. Postdoctoral scientist in cancer and lipid metabolism, precision medicine and nutrition, gene expression regulation, "omics" technologies and diet. in "*Nutritional strategies and bioactive compounds to target lipid metabolism alterations in cancer: Platform of Patient derived Paired Organoids for Precision Nutrition"* Project.

Principal Investigator: Ana Ramírez de Molina, PhD

3. Conditions.

Selected candidate will be given a temporary full-time contract according to standard regulations

in Spain, after obtaining the mandatory authorizations.
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, with the ***Reference of the position,*** the following documents:

1. Curriculum Vitae (including a cover letter)

2. The **Request Form** (excel format) available at the Institute´s website: https://www.food.imdea.org/careers/postdoctoral-researchers

Please be aware of the following: Only applications sent by e-mail to 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.

7. Publicity.

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

IMDEA ALIMENTACION: http://www.alimentacion.imdea.org
Others:
Red IRIS: http://www.rediris.es/
Madrid+d: www.madrimasd.org/
EURAXESS Jobs Portal of the European Commission:
http://ec.europa.eu/euraxess/index.cfm/jobs/index

Madrid, 23rd November, 2018

Guillermo Jesus

Firmado digitalmente por Guillermo Jesus
Fecha: 2018.11.23 12:26:09 +01'00'

Guillermo Reglero Rada
Director of IMDEA Food Institute

Annex 1.

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

- Ref. PD2018/022	
Job Title	Postdoctoral scientist in cancer and lipid metabolism, precision medicine and nutrition, gene expression regulation, "omics" technologies and diet.
Principal Investigator	Ana Ramírez de Molina, PhD
Location	Madrid, SPAIN
Job Category	Postdoctoral Scientist
Job Description	Postdoctoral scientist in cancer and lipid metabolism, precision medicine and nutrition, gene expression regulation, "omics" technologies and diet, in the Project: "*Nutritional strategies and bioactive compounds to target lipid metabolism alterations in cancer: Platform of Patient derived Paired Organoids for Precision Nutrition".* Evaluation of the effect of metabolic reprograming, metabolic genes and lipid metabolism pathways in prevention, progression and therapy of several types of cancer including colorectal and lung cancer. Study of molecular metabolic biomarkers of cancer risk, prognosis and treatment for precision medicine and nutrition approaches.
Qualifications	Ph.D. in Biochemistry, Molecular Biology and/or Biomedicine with at least 9 years of full time postdoctoral research experience. Authorship in at least 20 SCI scientific publications in cancer and/or human genetics areas. Demonstrated experience in cell biology and molecular biology techniques including cell culture, western blot, chromatin immunoprecipitation (ChIP and ChIP-Seq) and immunofluorescence, RT-qPCR, gene expression analysis and protein glycosylation. Experience in working with different cancer in vitro models. Human samples management: blood, saliva, paraffin embedded tissue, DNA, RNA and protein extraction. Experience in management of "-omics" technologies is also required, 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). Demonstrates research experience in gene expression regulation of genes implicated in cancer progression, hormonal regulation and lipid metabolism, molecular biomarkers of cancer risk, prognostic factors and resistance to treatment. Participation in competitive public funding projects. Direction and supervision of 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 skins, including the ability to prioritize workload. Ability to work independently on routine duties, as well as new assignments. Fluent use of English.
Education requirements	PhD level in Bioinformatics, Computational Biology or Life Sciences with a strong computational background.