

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 Researcher Positions at IMDEA-Food Institute (Ref. PD2018/003-004)

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 two Postdoctoral Research positions who want to develop their research at IMDEA Food in *Food and Health Area*, covering the following positions:

1. Eligibility criteria.

Candidates must fulfill at the moment of applying the requirements, qualifications and experience according to Annex 1 and Annex 2.

2. Position Description.

- **Ref. PD2018/003.** Postdoctoral Researcher in Molecular Biology of Nutrition, Metabolic Syndrome and Aging for “the molecular mechanisms governing nutritional interventions to improve the outcomes of chemotherapy, reducing its toxicity and improving its efficacy” project according to Annex 1.

Principal Investigator: Pablo J. Fernandez-Marcos, PhD (pablojose.fernandez@imdea.org)

- **Ref. PD2018/004.** Postdoctoral Researcher in “Molecular Oncology” for the “Lipid metabolism disorders in the association between obesity and cancer” project according to Annex 2.

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

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 or Annex 2 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: <http://www.alimentacion.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.alimentacion.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 Organic Law 15/1999 of 13 December, of Personal Data Protection, and Royal Decree 1720/2007 of 21 December, approving the regulations that develop Organic Law 15/1999 of 13 December, of Personal Data Protection, 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, 5th February, 2018

Guillermo Reglero Rada
Director of IMDEA Food Institute

Annex 1.
Postdoctoral Researcher Position Molecular Biology of Nutrition, Metabolic Syndrome and Aging

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

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| - Ref. PD2018/003 | |
| Job Title | “Postdoctoral Researcher in Molecular Biology of Nutrition, Metabolic Syndrome and Aging” |
| Principal Investigator | Pablo J. Fernandez-Marcos, PhD |
| Location | Madrid, SPAIN |
| Job Category | Postdoctoral researcher |
| Job Description | <p>Postdoctoral Research Project on “the molecular mechanisms governing nutritional interventions to improve the outcomes of chemotherapy, reducing its toxicity and improving its efficacy”.</p> <p>The postdoctoral researcher will perform his/her work using molecular biology techniques to analyze nucleic acids (qPCR, RNAseq, ChIP), proteins (Western blot), cellular function (cellular culture, flow cytometry, confocal microscopy), and management and handling of mouse colonies for in vivo physiological experiments.</p> <p>The researcher will supervise predoctoral, bachelor and master students, help in the submission of projects, paper writing, paper revision, data presentation and other senior tasks in the laboratory. Also, he/she will coordinate common tasks in the laboratory, as well as in nearby centers in selection with the project. He/she will benefit from intense, fulfilling and exciting scientific work in a young laboratory, and will be exposed to different research centers and groups with which our group constantly collaborates.</p> <p>This position is for 1 year, renewed depending on productivity and adaptation to the IMDEA-Food Institute.</p> |
| Qualifications | <ul style="list-style-type: none"> - The applicant should have had extensive prior experience in a research laboratory, with more than 10 years experience in postdoctoral research, preferably on molecular biology techniques as those described in the Job Description. - He/she must be author of more than 10 publications in top journals, at least 3 of them as first author. - He/she must have worked for at least one year in a foreign country, and be fluent in English. - In particular, experience in cell and animal physiology, flow cytometry, cell culture and animal management will be specially appreciated - - He/she must have a broad scientific knowledge, having worked in several fields of science, including aging, cancer, metabolism and stem cells. |

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| | <ul style="list-style-type: none"> - He/she must have expertise in the general management of a molecular biology laboratory, both scientifically and administratively. - The applicant must have participated in competitive public funding projects. At least two reference letters from prior laboratory group leaders or people relevant in her/his career will also be requested. |
| Education requirements | <p>PhD Degree in Biomedical or Nutritional Sciences (Biology, Biochemistry, Pharmacy, Nutrition, Food Science, Chemistry, Medicine...). Accreditation for Animal Handling, Function C or superior.</p> |

Annex 2.

Postdoctoral Researcher Position in in Molecular Oncology

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

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| - Ref. PD2018/004 | |
| Job Title | "Postdoctoral Researcher in in Molecular Oncology" |
| Principal Investigator | Ana Ramírez de Molina, PhD |
| Location | Madrid, SPAIN |
| Job Category | Postdoctoral researcher |
| Job Description | <p>Postdoctoral Researcher in "Molecular Oncology", in the field of "Lipid metabolism disorders in the association between obesity and cancer"</p> <p>The postdoctoral researcher will perform his/her work using molecular and cellular biology techniques to analyze nucleic acids (qPCR, RNAseq, lipid metabolism analysis), proteins (Western blot), cellular function (cellular culture, flow cytometry, confocal microscopy), and management of mice for in vivo physiological experiments. The researcher will supervise bachelor and master students, help in the submission of projects, paper writing, paper revision, data presentation and other senior tasks in the laboratory. He/she will also participate in divulgation activities organized by the Institute. He/she will benefit from intense, fulfilling and exciting scientific work in a young laboratory.</p> <p>This position is for 1 year, renewed depending on productivity and adaptation to the IMDEA-Food Institute.</p> |
| Qualifications | <p>The applicant should have 10-years minimum of experience as a postdoctoral researcher in the field of:</p> <ul style="list-style-type: none"> - Experience with molecular and cellular biology techniques: eukaryotic cell culture, RNA and protein isolation and quantitation, DNA cloning and editing, metabolic activity analysis. - Experience on the following will be highly valued: drug screening; mice handling, and knowledge and experience on metabolism and mice physiology; obesity related projects, especially those linking obesity and cancer. - 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. - Leadership, planning and results-oriented skills, as well as excellent interpersonal relationship abilities and team-work skills are welcome. High English level is a requirement. |
| Education requirements | PhD in Life Sciences related discipline (Biology, Biochemistry, Pharmacy, Medicine, Veterinary Sciences, Food Sciences and Technology, or related). |