

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 some of the contracts formalized out of this call through the Regional Competitiveness and Employment Objective for the period 2014-2020

2014 – 1^o Call for Postdoctoral Scientist (Level I) Positions at IMDEA-Food Institute

(Ref. PD2014/01-02-03-04)

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 **postdoctoral scientists (level I)** who want to develop their research career 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:

- At least 4 years of full-time research experience (full time) and a doctorate and
- Qualifications and experience according to the position which applies for (Annex I).

2. Position Description.

- **Ref. PD2014/001.** Postdoctoral Researcher in Non-coding RNAs, Lipid Metabolism and Diet.
Principal Investigator: Alberto Dávalos, PhD (alberto.davalos@imdea.org)
- **Ref. PD2014/002.** Postdoctoral Researcher in Molecular Oncology and Nutritional Genomics of Cancer
Principal Investigator: Ana Ramírez de Molina, PhD (ana.ramirez@imdea.org)
- **Ref. PD2014/003.** Postdoctoral Researcher in Micronutrients, Nutraceuticals, and Cardiovascular Disease
Principal Investigator: Prof. Francesco Visioli (francesco.visioli@imdea.org)

- **Ref. PD2014/004.** Postdoctoral Researcher in Development and validation of food products for health.
Principal Investigator: Prof. Guillermo Reglero Rada (guillermo.reglero@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.

Level and salary are commensurate with qualifications and experience.

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. Ad-hoc experts could be participating in the process. The best-qualified applicant will be invited locally for an interview by the Selection Committee.

5. Application.

Interested candidates should submit their applications before **17:00 p.m. (local time) on 28th March, 2014.**

They must send by e-mail to rrhh.alimentacion@imdea.org, indicating the **Reference of the position**, the following documents:

1. Curriculum Vitae (including a cover letter) and names and e-mail addresses of at least 2 references.
2. The **Request Form** (excel format) available at the Institute's website: <http://www.alimentacion.imdea.org/trabaja-con-nosotros/investigador-posdoctoral>

The results of the selection process will be published in the IMDEA Food Institute's web page <http://www.alimentacion.imdea.org> 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 the Building CLAUD-PCM, Ctra. de Cantoblanco – Ciudad Universitaria de Cantoblanco. 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/

Nature jobs: <http://www.nature.com/naturejobs/index.html>

EURAXESS Jobs Portal of the European Commission:

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

Madrid (Spain), 13rd March 2014

Guillermo Reglero Rada
Director of IMDEA Food Institute

Annex 1.

Postdoctoral Scientist (Level I) Positions

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

- Ref. PD2014/001	
Job Title:	“Postdoctoral Researcher in non-coding RNAs, Lipid Metabolism and Diet.”
Principal Investigator:	Alberto Dávalos, PhD (alberto.davalos@imdea.org)
Location:	Madrid, SPAIN
Job Category:	Molecular Biology/Biomedical Research/Genetics/Molecular Nutrition
Job Description:	<p>Postdoctoral Research for the area of "Non-coding RNAs, lipid and Diet".</p> <p>The candidate will work evaluating the effects of dietary components on the expression of microRNAs and other non-coding RNAs, both endogenous and exogenous RNAs. We will search and characterize novel miRNAs and other noncoding RNAs that regulate lipid metabolism in health and disease related to Cardiovascular disease.</p>
Qualifications:	<p>Demonstrated experience in Cell Biology and Molecular Biology techniques, including cloning, cell culture, Western blotting, Northern blotting, microscopy, flow cytometry and gene expression analysis.</p> <p>Experience in working with laboratory animals (mice), including feeding, isolation of primary cells and organs, minor surgery, etc.</p> <p>Experience in research with non-coding RNAs and/or lipid metabolism will be highly acknowledged.</p> <p>Experience with human dietary supplementation studies and biostatistical analysis is preferred.</p> <p>Authorship in peer-reviewed publications is required.</p> <p>High English language level is required.</p>
Education:	PhD in Biomedical Science (Biology, Biochemistry, Pharmacy, Chemistry, Medicine...)

- Ref. PD2014/002	
Job Title:	“Postdoctoral Researcher in Molecular Oncology and Nutritional Genomics of Cancer”
Principal Investigator:	Ana Ramírez de Molina, PhD (ana.ramirez@imdea.org)
Location:	Madrid, SPAIN
Job Category:	Molecular Biology/Biomedical Research/Genetics/Molecular Nutrition
Job Description:	<p>Metabolic alterations in cancer: identification of novel genetic and metabolic biomarkers and analysis of their role in tumor progression and therapy.</p> <p>Postdoctoral research in the context of translational oncology towards the development of metabolomics and genetic biomarkers related to cancer prognosis and response to treatment focused on lipid metabolism. Analysis of the role of epigenetic, genetic and metabolic candidates in tumor progression.</p> <p>Participation in the development of study designs and discussions, grant proposals, etc...</p>
Qualifications:	<p>Demonstrated expertise in Cell and Molecular Biology, Medicinal Genetics and Molecular Therapeutics.</p> <p>Knowledge of lipid metabolism and metabolic-related techniques.</p> <p>Authorship in peer-reviewed publications. Patents will be recognized.</p> <p>High English language level.</p> <p>High motivation, positive attitude, professional and excellent communication skills both written and speaking.</p> <p>Work with others within collaborative groups. Strong organizational skills, including the ability to prioritize workload.</p>
Education:	PhD in Biomedical Science (Biology, Biochemistry, Pharmacy, Chemistry, Medicine...)

- Ref. PD2014/003	
Job Title:	“Postdoctoral Researcher in Micronutrients, Nutraceuticals, and Cardiovascular Disease”
Principal Investigator:	Prof. Francesco Visioli (francesco.visioli@imdea.org)
Location:	Madrid, SPAIN
Job Category:	Molecular Biology/Biomedical Research/Genetics/Molecular Nutrition
Job Description	<p>The renowned, high-output Functional Foods group is looking for a highly motivated, result-driven individual responsible for carrying out basic and applied, i.e. animals and humans research in the area of micronutrients and cardiovascular health. In particular, the successful candidate will join and bring to completion an ongoing project on the foodomics of hydroxytyrosol (see eg PMID:24347345) and will develop evidence-based nutraceuticals and functional foods. Researchers perform laboratory analyses, interprets statistical results, and prepare reports including integrated summaries for reports, manuscript and proposal submissions.</p> <p>We offer a highly-challenging environment of multi-disciplinary research aimed at elucidating mechanisms of cardiovascular disease and formulating appropriate nutraceuticals and functional foods.</p>
Qualifications	<p>Demonstrated independence, pro-active attitude, professional and excellent communication skills both written and speaking; experience in molecular biology (cell culture and related techniques) and in animal and human trials.</p> <p>Ability to work independently on routine assignments, under supervision on new assignments; ability to identify and resolve areas of concerns and to work with others as necessary;</p> <p>Demonstrated strong organizational skills, including the ability to prioritize workload; be able to work aggressively and with tight deadlines.</p> <p>High English language level.</p> <p>Knowledge of Spanish is a plus, yet not required.</p>
Education	PhD in Biomedical Science (Biology, Biochemistry, Pharmacy, Chemistry, Medicine...)

- Ref. PD2014/004	
Job Title:	“Postdoctoral Researcher in development and validation of food products for health.”
Location	Madrid, SPAIN
Principal Investigator:	Prof. Guillermo Reglero Rada (guillermo.reglero@imdea.org)
Job Category	Molecular Biology/Biomedical Research/Genetics/Molecular Nutrition
Job Description	<p>Research Project: Development and analysis of the activity of bioactive ingredients and functional foods as potential effective tools in chronic diseases prevention and treatment.</p> <p>Postdoctoral research towards the development and validation of efficient functional food products for chronic disease prevention and treatment.</p> <p>Participation in the development of study designs and discussions, grant proposals, etc...</p>
Qualifications	<p>High motivation, positive attitude, professional and excellent communication skills both written and speaking.</p> <p>Work with others within collaborative groups.</p> <p>Strong organizational skills, including the ability to prioritize workload.</p> <p>High English level.</p>
Education	PhD in Biomedical Science (Biology, Biochemistry, Pharmacy, Chemistry, Medicine...)