

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 PhD Student Positions at IMDEA-Food Institute

(Ref. PR2014-05-06-07-08)

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 promising candidates for PhD Student positions who want to develop their thesis 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:

- Candidates must have an Official Master Degree that allows accessing Doctoral studies (regulated by Royal Decree 1393/2007) that comprises a period dedicated to research (drafting and defense of a doctoral dissertation), and have not yet been awarded a doctoral degree.
- Applicants must have a student record with an average grade equal to or above 7,5/10 or 2/4 in his/her completed credits.
- Qualifications and experience according to the position which applies for (Annex I).

2. Position Description.

- o **Ref. PR2014/005.** PhD student in *Non-coding RNAs, Lipid Metabolism and Diet*. Principal Investigator: Alberto Dávalos, PhD. (alberto.davalos@imdea.org)

- **Ref. PR2014/006.** PhD student in *Molecular Oncology and Nutritional Genomics of Cancer*.
Principal Investigator: Ana Ramírez de Molina, PhD (ana.ramirez@imdea.org)
- **Ref. PR2014/007.** PhD student in *Pharma-Nutrition*.
Principal Investigator: Prof. Francesco Visioli (francesco.visioli@imdea.org)
- **Ref. PR2014/008.** PhD student 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 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 **17:00 p.m. (local time) on 2nd April, 2014.**

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

1. Curriculum Vitae (including a *cover letter*)
2. Bachelor's degree qualifications: the university transcripts with the average grade.
3. The **Request Form** (excel format) available at the Institute's website: <http://www.alimentacion.imdea.org>

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, 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/

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

Madrid, 18th March 2014

Guillermo Reglero Rada
Director of IMDEA Food Institute

Annex 1.
PhD Student Positions

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

- Ref. PR2014/005	
Job Title	PhD student in <i>Non-coding RNAs, Lipid Metabolism and Diet</i> .
Principal Investigator:	Alberto Dávalos, PhD (alberto.davalos@imdea.org)
Location	Madrid, SPAIN
Job Category	Molecular Biology/Biomedical Research/Genetics/Molecular Nutrition
Job Description	<p>Predocctoral Research for the area of "Non-coding RNAs, lipid metabolism and cardiovascular disease".</p> <p>The candidate will work evaluating the effects of novel miRNAs and other noncoding RNAs in regulating lipid metabolism. The research will be focus in the enterocyte, macrophage and hepatocyte and their relation to disorders of lipid metabolism and dietary excess.</p>
Qualifications	<p>Experience in Cell Biology and Molecular Biology laboratory techniques will be highly acknowledged.</p> <p>Experience in working with laboratory animals (mice), including feeding, isolation of primary cells and organs, minor surgery, etc. will be highly acknowledged. Experience in research with non-coding RNAs and/or lipid metabolism will be highly acknowledged.</p> <p>Authorship in peer-reviewed publications will be acknowledged. High English language level is required.</p> <p>Ability to work independently on routine assignments, positive attitude, good communication skills is desired.</p>
Education	BS degree in Biomedical Sciences (Biology, Biochemistry, Pharmacy, Chemistry, Medicine...) is required and Official Master degree to get access to PhD program.

- Ref. PR2014/006	
Job Title	PhD student in <i>Molecular Oncology and Nutritional Genomics of Cancer</i>
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>Research Project: Analysis of the activity and molecular mechanism of action of bioactive compounds as potential effective supplements in cancer prevention and treatment.</p> <p>Predocctoral research focused on the evaluation of the activity and molecular effects of bioactive compounds as antitumoral agents, both alone and in combination with current chemotherapeutic agents.</p> <p>Establishment of the scientific basis for the development of novel preventive and therapeutic approaches for cancer patients</p>
Qualifications	<p>Highly motivated worker with high English level.</p> <p>Expertise in Cell and Molecular Biology (cell culture, Western blotting, cloning, gene expression, miRNAs analysis, cell viability, etc..).</p>
Education	BS degree in Biomedical Sciences (Biology, Biochemistry, Pharmacy, Chemistry, Medicine...) is required and Official Master degree to get access to PhD program.

- Ref. PR2014/007	
Job Title	PhD student in Pharma-Nutrition.
Location	Madrid, SPAIN
Principal Investigator:	Prof. Francesco Visioli (francesco.visioli@imdea.org)
Job Category	Molecular Biology/Biomedical Research/Genetics/Molecular Nutrition
Job Description	<p>We are looking for a highly motivated individual responsible to join a renowned research group in the area of micronutrients and cardiovascular health.</p> <p>In particular, the successful candidate will join an ongoing project on the foodomics of hydroxytyrosol (see eg PMID: 24347345), by carrying out basic and applied, i.e. animals and humans research.</p> <p>PhD Student will learn how to perform laboratory analyses, interprets statistical results, and prepare reports including integrated summaries for reports, manuscript and proposal submissions.</p>
Qualifications	<p>The ideal candidate must demonstrate independence, pro-active attitude, professional and excellent communication skills both written and speaking;</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 with tight deadlines</p> <p>Fluent in English.</p>
Education	BS degree in Biomedical Sciences (Biology, Biochemistry, Pharmacy, Chemistry, Medicine...) is required and Official Master degree to get access to PhD program.

- Ref. PR2014/008	
Job Title	PhD student in <i>Development and validation of food products for health.</i>
Principal Investigator:	Prof. Guillermo Reglero Rada (guillermo.reglero@imdea.org)
Location	Madrid, SPAIN
Job Category	Molecular Biology/Biomedical Research/Genetics/Molecular Nutrition
Job Description	Research Project: PhD in development and analysis of the activity of bioactive ingredients and functional foods as potential effective tools in chronic diseases prevention and treatment.
Qualifications	Highly motivated worker with high English level. Interested in food innovation Practical experience in R & D food or pharmaceutical industry is an advantage.
Education	BS in Food Science, Biotechnology, Chemistry or Biochemistry and Master degree to get access to PhD program.