

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 Position at IMDEA-Food Institute (Ref. PD2018/018)

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 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.

2. Position Description.

- **Ref. PD2018/018.** A senior postdoctoral scientist position in “*Aging and age-related metabolic diseases*” Project, according to Annex 1.

Principal Investigator: Rafael de Cabo, PhD (Associate researcher, IMDEA Food Group leader of the Nutritional Interventions Group)

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: <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 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 (Spain), September, 2018

Guillermo Reglero Rada
Director of IMDEA Food Institute

Annex 1

Postdoctoral Scientist Position

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

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| - Ref. PD2018/018 | |
| Job Title | A senior postdoctoral scientist position in Aging and age-related metabolic diseases |
| Principal Investigator | Rafael de Cabo , PhD |
| Location | Madrid, SPAIN |
| Job Category | Senior Postdoctoral Researcher. A 6-year senior postdoctoral scientist position is available to study age-dependent physiological and molecular changes influencing energy dysregulation, in the Nutritional Interventions Group, IMDEA Food, Madrid, Spain |
| Job Description | <p>Aging is defined as a progressive decline of physiological function. The principal objective of our project is to extend the knowledge on the relevance of dietary composition in the context of caloric restriction and other forms of fasting, as well as in metabolic imbalances and deregulated nutrient sensing, fundamental aspects that modulate aging and age-related metabolic diseases. Using conventional and high throughput approaches applied to in vitro studies, animal models, and human clinical samples, we aim to identify novel cellular pathways implicated in these processes, and to dissect health benefits that are prompted by the mere reduction of calorie intake, the feeding paradigm, or the nutrient composition. Our long-term aim is to translate our findings towards the development of nutritional interventions to restore energy homeostasis, lately influencing aging.</p> <p>Scientific activities expected include grant submission for competitive calls of public and private entities, data analysis, reporting and publishing results in high impact scientific journals and at international conferences. Supervising technical support personnel, lab maintenance and lab organization are also expected.</p> <p>The employment will be for an initial period of 12 months with the possibility for extension. The contract must start before 2019.</p> |
| Qualifications | <ul style="list-style-type: none"> • We are searching for a highly motivated and experimentally talented scientist with drive to answer important fundamental and biomedical research questions associated with age-associated energy imbalance in the context of dietary restriction. Applicants should have strong background in the aging field and at least two first-author articles in this area/category in the year immediately prior to the start date. Knowledge in endocrinology will be an advantage. • Applicants should have strong experience with approaches to analyze whole-body physiology approaches in animal models as well as evidenced abilities with biochemistry, molecular cell biology, and OMIC tools. Previous experience with several model organisms and |

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| | <p>human samples will be an advantage.</p> <ul style="list-style-type: none"> • Applicants must possess a doctoral degree obtained after January 2011 and demonstrate at least 6 years of post-doctoral research experience. • Applicants should not have resided or performed their main activity in the country in which the researcher obtained the PhD degree for more than 6 months in the 5-year period immediately prior to the start date. Additional pre-doctoral research activities in public or private R&D centers will be an advantage, especially if performed in a different country in which the researcher obtained the PhD degree. • Scientific production, participation in competitive research-projects, participation in scientific committees, evaluation and revision of R&D projects and articles will be taken into consideration. • Applicants should prove recognized national/international research awards. • Participation in mentoring/teaching activities will be also considered. |
| <p>Education requirements</p> | <ul style="list-style-type: none"> • Applicants should hold a bachelor's degree in Medicine or Veterinary Medicine. • Applicants should hold a Ph.D. in Science after January 2011. • Further training in OMICs techniques will be an advantage. • Educational and teaching training/certificates will be contemplated. |