

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

The European Social Fund could co-finance 50% of the contracts formalized out of this call through the corresponding Operational Programme for the period 2014-2020.

Call for Postdoctoral Position at IMDEA-Food Institute (Ref. PD2019/008)

The IMDEA Food Institute (Madrid Institute for Advanced Studies in Food) is a 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 a research technician who wants to develop their research career at IMDEA Food in Food and Health Area, covering the following position:

The Translational Venomics Group within the IMDEA-Food Institute is seeking for a highly motivated Junior Postdoctoral scientist with demonstrated excellence expertise in cell, molecular biology and xenograft mouse models.

The Principal Investigator will provide focused and tailored mentoring to candidate to ensure that the candidate reaches the desired career goals.

Postdoctoral scientist will participate in the Project: *"Venom-compounds with senolytic activity for the treatment of aging- and metabolic-related disorders"*.

The postdoctoral fellow will be responsible for:

- Mining and screening a large collection of animal venoms.
- Deconvoluting the venom-candidate(s) and employ proteomics approaches to identify novel venom-compounds.
- Validating the venom-derived compounds.
- Characterising the venom-compounds in vitro and in vivo using various molecular and biochemical techniques.

Principal Investigador: Dr. Maria Ikononopoulou (maria.ikononopoulou@imdea.org)

Requirements:

Education requirements:

- PhD in biology, cell or molecular Biology, Biochemistry, Biotechnology, Medical Science or Life Science.

Experience requirements:

Significant experience & expertise related to cellular and molecular biology in high rank national and/or international research institutes.

Experience in:

- Cell culture & husbandry
- High throughput screening
- DNA & RNA extractions
- Cloning
- Transfections
- Western-blotting
- Quantitative Real Time PCR
- Xenograft & experimental mouse models of cancer research

*Additional experience in:

- Immunofluorescence & confocal light imaging
- FACS and ELISA assays
- Cell Metabolism assays
- Venom-research

Will be well considered:

- In addition, the successful candidate needs to be able to work in a multidisciplinary collaborative and interactive environment within the IMDEA-Food institute but also with research institutes from Australia, USA and other European countries.

The successful candidate needs to show:

- An excellent oral presentation & writing (in English) skills,
- Excellent organization capacity &
- Significant experimental initiative.

Location: Crta. de Canto Blanco nº8, CP- 28049 Madrid

Annual Gross Salary: 25.000 €

Condicions: This position is for 1 year, renewed every year depending on productivity and adaptation to the IMDEA-Food institute

Dedication: full time with day of morning and afternoon from Monday to Friday.

Reference: PD2019/008_ Postdoctoral Position in Translational Venomics Research

Application: Interested candidates should submit their applications in english before 15 days (before 17:00 p.m. local time) counted from the day after the publication of this resolution on the website of the Foundation.

No applications after that date will be accepted.

Candidates must send by e-mail their *Curriculum Vitae*, preferably in Europass model



(<https://europass.cedefop.europa.eu/es/documents/curriculum-vitae>), and cover letter before the deadline to the following address:

Email: rrh.alimentacion@imdea.org
Email -Subject: Reference PD2019/008

At any time during the selection process, candidates may be requested to present the documentation justifying the requirements and merits alleged in the *curriculum*.

Madrid (Spain) May 29, 2019

Guillermo Reglero Rada
Director of IMDEA Food Institute