



Early Stage Researcher (ESR, PhD fellow)

EU RESEARCH FRAMEWORK PROGRAMME H2020 / Marie Skłodowska-Curie Actions

MARIE CURIE GRANT AGREEMENT NUMBER 722619 – Foie Gras
Early Stage Researcher in the FOIE GRAS EU Training Network (ESR 2)

REFERENCE NUMBER: Early Stage Researcher in the FOIE GRAS EU Training Network ESR 2

CNR, Institute of Clinical Physiology, offers one position Early Stage Reseracher (ESR) within the ETN Foie Gras project (GA 722619) funded within the H2020/Marie Skłodowska-Curie Actions for the project "Krebs cycle remodelling in NAFLD".

Applicants are invited to send their application to the ETN coordinator, Dr. Paulo Oliveira (coordinator.etnfoiegras@cnc.uc.pt), providing a list of the FOIE GRAS projects (maximum three) that they are applying for in a prioritised order. To be eligible Italian applicants must send their application also to protocollo.ifc@pec.cnr.it.

ESR 2

Main host: National Research Council (CNR), Institute of Clinical Physiology, Italy.

Supervisor: Dr. Amalia Gastaldelli (amalia@ifc.cnr.it).

Secondments: French National Institute of Health and Medical Research (INSERM), France.

Co-supervisor: Dr. Carina Prip-Buus (carina.prip-buus@inserm.fr).

Research field: Biological sciences

Researcher profile: First stage Researcher (R1)

Application deadline: 17/02/2017 23:00 - Europe/London

Location: Italy

Type of contract: other

Job Status: full-time

Hours per week: 40 hours

Offering starting date: 01/06/2017

Work location: National Research Council (CNR), Institute of Clinical Physiology, Pisa, Italy

Financial aspects:

- The project provides full funding for tuitions fees and salary.
- Monthly living allowance: the post-holder will be offered a salary plus allowances in line with the Marie Skłodowska-Curie Actions.

Eligibility criteria:

- Applicants must have an undergraduate or Master degree in Biochemistry, Biology, Biological chemistry, Biomedical sciences, Pharmacy, Bio-informatics, Medicine with or without clinical training fellowship, or related area and are interested in multi/interdisciplinary research;
- Applicants must not yet have been awarded a PhD degree and must be in the first 4 years (full-time equivalent) of their research careers prior to the recruitment.



- Applicants are asked to supply a complete curriculum vitae including the following information:
 - Personal details academic/education history, including a list of courses/exams and grades, the exact award date (day/month/year) of the degree with original transcripts of Bachelor and Master University Degree as well as copy of valid identity documents, experimental skills, publications, etc.
 - Personal statement/motivation letter (up to 2 pages) about the research experience and interests;
 - Names and contact information of at least two academic referees who could write a letter of recommendation.
 - Applicants can be of any nationality;
 - Applicants must be eligible to work in Italy. They MUST NOT have resided or carried out their main activity in Italy more than 12 months in the 3 years immediately before the recruitment date.
 - The research project will be based at the National Research Council (CNR), Italy, but the post-holder will also be required to undertake some work and travel in other countries within the FOIE GRAS network.

Required languages

English: excellent

Skills/Qualifications

Master degree (M.Sc. or equivalent graduation). Applicant should not hold a PhD degree and must be in the first 4 years (full-time equivalent) of their research careers prior to the recruitment. This is measured from the date when they obtained the degree which would formally entitle them to embark on a Doctorate, either in the country in which the degree was obtained or in the country in which the research training is provided, irrespective of whether or not a Doctorate is the objective. For Medical Doctors (MD) applicants with clinical (without research) training fellowship, the first 4 years (full-time equivalent) of their research careers will be counted by the end of the clinical fellowship. All applicants holding academic diplomas obtained outside the EU need to have these educational qualifications **previously** recognised in **Italy** in accordance with current legislation (information on the website of the Ministry of University and Scientific Research: www.miur.it). Please note that further restrictions may apply for the healthcare sector.

Selection process:

Candidates should submit a complete application* in ONE PDF file only, by e-mail to coordinator.etnfoiegras@cnc.uc.pt; to be admitted, eligible Italian applicants must send their application also to protocollo.ifc@pec.cnr.it.

Deadline for submission is February 17th 2017. The criteria for evaluation will be as follows: previous experience, based on CV (70%), letter of motivation (15%) and letters of reference (15%). Knowledge of English language (written and oral) is mandatory due to the international nature of the project. The Jury may decide to interview the candidates in order to perform a more objective evaluation of some of the criteria. Final decision will be communicated no later than April 15th 2017 with the contracts expected to initiate in June 1st 2017.

*Candidates that submit multiple files will be excluded from the evaluation.



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CONSIGLIO NAZIONALE DELLE RICERCHE

Project Summary and additional comments

We are seeking to appoint an Early Stage Researcher (ESR, PhD fellow) within the FOIE GRAS European Training Network sponsored by the Marie Skłodowska Curie Actions EU Horizon 2020. ESR will participate in a research project on the Krebs cycle remodelling in Non-Alcoholic Fatty Liver Disease (NAFLD) at the National Research Council (CNR), Italy, commencing in June 2017. Funding is initially available for three years and ESR is expected to be enrolled in a PhD programme.

A key objective of the FOIE GRAS network is to better understand the metabolic mechanisms and treatment behind NAFLD.

This project will focus on the quantification of Krebs cycle fluxes in various animal models of NAFLD as well as in human NAFLD patients, using mass spectrometry and ¹³C -stable isotope tracers and noninvasive "chemical biopsy" analysis of hepatic metabolite enrichments.

Research will include methodologies for assessing ¹³C-enrichment analysis of plasma glucose and mass spectrometry and metabolomics markers using mass spectrometry (GCMS and LCMS) as well as system biology. The post-holder will have some scope to adapt the project based on his/her interests.

The post-holder will complete a research project under the supervision of Dr. Amalia Gastaldelli at CNR, with additional supervision of Dr. Carina Prip-Buus at the French National Institute of Health and Medical Research (INSERM), France.

The post-holder will be a member of the ETN FOIE GRAS (GA No. 722619), which comprises 10 beneficiary institutions and 4 associated partners from industry and clinical practice in 7 countries. Prospective candidates are encouraged to have a look at the other available ESR projects in the network (13 in total, see FOIE GRAS' website) and indicate up to 3 projects in order of preference in their applications.

Web site for additional job details:

<https://euraxess.ec.europa.eu/jobs/168913>