



IMGENE, This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No. 765269



## EURAXESS JOB ADD

### *New deadline*

**1 PhD student (ESR) position in “Facilitated genome editing as responsible research and innovation “  
is available for the Marie Skłodowska Curie ETN -  
training network “Improving Genome Editing Efficiency” (IMGENE)**

STARTING DATE: (*expecting to start*) 1st March 2018 DURATION: 36 Months  
EU RESEARCH AND INNOVATION PROGRAMME:H2020 / Marie Skłodowska-Curie Actions  
GRANT AGREEMENT NUMBER: 765269

Internal reference: PhDstudent\_IMGENE\_2018

#### **Project background and goal**

CRISPR genome editing technology is considered to become the greatest technological improvement in biomedical research since the invention of the polymerase chain reaction 25 years ago and pharmaceutical companies as well as academic research are eager to apply it. However, the efficiency of introducing defined changes into the genome by CRISPR is still low, currently limiting its application in basic research, industry and gene therapy. The IMGENE consortium unites expert European research groups of academia and industry to address by innovative and complementary approaches the low efficiency of precise genome editing using CRISPR technology. Placing CRISPR in a context of Responsible Research and Innovation, this position addresses crucial ethical questions related to the application of genome editing technology in animals, plants, and humans.

For more informations: [www.imgene.ku.dk](http://www.imgene.ku.dk)



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## Eligibility criteria

### Applicants need to fully comply with three eligibility criteria

1. Early-stage researchers (ESR) are those who, at the time of recruitment by the host, are in the first four years (full-time equivalent) of their research careers. This is measured from the date when they obtained the degree which formally entitles 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 was envisaged. Please note that applicants cannot already hold a PhD at the time of recruitment.
2. Conditions of international mobility of researchers: Researchers are required to undertake transnational mobility (i.e. move from one country to another) when taking up the appointment. Researchers must not have resided or carried out their main activity (work, studies, etc.) in the country of their host organisation for more than 12 months in the 3 years immediately prior to their recruitment. Short stays, such as holidays, are not taken into account.
3. English language: Network ESRs must demonstrate that their ability to understand and express themselves in both written and spoken English is sufficiently high for them to derive the full benefit from the network training

### Open Position:

#### ***Title: Facilitated genome editing as responsible research and innovation (ESR8)***

**The group:** The **Laboratory Animal Science group** is an important player in the field of responsible research with animals, with a solid research output and wide international and interdisciplinary collaborations. We are part of i3S – Institute for Research and Innovation in Health, the biggest biomedical research institution in Portugal, which develops research with a strong RRI (responsible research and innovation) profile.

**Main Objective and expected results:** The main objective is to investigate the predicted harm/risk-benefit and the public acceptance of different applications of CRISPR genome editing.

**Work location and supervisor name:** The work will be based in the Laboratory Animal Science group at IBMC/i3S, University of Porto, Portugal and be carried out under the supervision of Dr Anna Olsson. Part of the work will take place in other European research institutions within the IMGENE network.

#### **Required Skills/qualification:**

We are looking for a highly motivated and enthusiastic candidate with the following qualifications:

- A Master degree, preferably with an interdisciplinary profile (science-in-society or equivalent)
- Knowledge about biomedical and molecular biology research
- Interest in interdisciplinary science and society research
- Excellent communication skills in English

Initially for 6 months, the researcher position is renewable for a maximum of 36 months. The successful candidate is offered a salary of around 2100 euros (before taxes) plus Family allowance – if applicable, and regulated by the Portuguese Labour Law.

*Please Note: Exact salary will be confirmed upon appointment*



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### **How to apply:**

To apply for the PhD student position the interested candidate must hold an MSc degree and have solid knowledge in biology and interest in interdisciplinary science and society research. Previous experience or training in interdisciplinary science and society research will be valued. Excellent communication skills in English are required.

Applicants should submit the following documents via the online application system ([www.ibmc.up.pt/institute/open-positions](http://www.ibmc.up.pt/institute/open-positions)) from 15 October 2017 until 31 December 2017:

a) Complete CV; b) Letter of Motivation; c) Short description of research achievements (max. 1 page) and c) Names and contacts of 2 potential referees at:

[http://www.ibmc.up.pt/gestaocandidaturas/index.php?codigo=PhDstudent\\_IMGENE\\_2018](http://www.ibmc.up.pt/gestaocandidaturas/index.php?codigo=PhDstudent_IMGENE_2018)

For further information regarding the position, please contact: Dr Anna Olsson [olsson@ibmc.up.pt](mailto:olsson@ibmc.up.pt)

### **Additional information**

The Marie Skłodowska-Curie Actions offer attractive salary and working conditions. The successful candidates will receive a salary in accordance with the national legislation of the recruiting institution and the Marie Skłodowska-Curie Actions regulations for early stage researchers. Exact salary will be confirmed upon appointment.

In addition to their individual scientific projects, all ESR will benefit from further continuing education, which includes scientific skills courses, transferable skills courses, as well as active participation in workshops and conferences and secondments to partner labs.

Each ESR will be hired for 3 years, full time.

The European IMGENE training network wish to reflect the diversity of society and welcome applications from all qualified candidates regardless of age, disability, gender, nationality, race, religion or sexual orientation.