

Early Stage Researcher (ESR) position in the field of "Neurological Exposome" in the EU- funded Marie Skłodowska-Curie Innovative Training Network (ITN) NEUROSOME

We announce the start of the application period for **one ESR** position offered by the Jožef Stefan Institute (JSI), Ljubljana, Slovenia. The JSI is one of ten host organisations participating in the Innovative Training Network (ITN) "Exploring the Neurological Exposome (**NEUROSOME**)". The **NEUROSOME** is an international research project, coordinated by Prof. Dimosthenis Sarigiannis from the Aristotle University of Thessaloniki (EL) and is financed under the funding line "excellent science" of the Horizon 2020 research and innovation programme of the European Commission and the Marie Skłodowska-Curie Action.

NEUROSOME seeks to train the next generation of exposome scientists able to tackle the global challenges associated with the impact on human health due to environmental exposure. Great emphasis is on training ESRs through collaborative exchanges and practical courses. The ultimate goal is to produce a new generation of researchers, trained in academia, applied research and industry, with transdisciplinary skills enabling application to diverse environmental health challenges. Please find more details at <http://www.neurosoma.eu>

Key information on ESR7:

- RESEARCH FIELD: Environmental Health Policy Development
- RESEARCHER PROFILE: First Stage Researcher (R1)
- APPLICATION DEADLINE: 31/08/2018 23:00 - Europe/Brussels
- APPLICATION ADDRESS: milena.horvat@ijs.si, branko.kontic@ijs.si
- LOCATION: Jožef Stefan Institute, Jamova 39, 1000 Ljubljana, Slovenia
- TYPE OF CONTRACT: Temporary
- JOB STATUS: Full-time
- HOURS PER WEEK: 40
- OFFER STARTING DATE: 01/10/2018
- EU RESEARCH FRAMEWORK PROGRAMME: H2020 / Marie Skłodowska-Curie Actions
- MARIE CURIE GRANT AGREEMENT NUMBER: 766251

ESR job description

The selected candidate will investigate current use of laboratory experiments and analytical measurements data for environmental health policy development. He/she is expected to critically evaluate and improve the approach, where appropriate, providing opportunity for putting his/her own stamp on this field of research. One of the goals of the investigation is to review the usefulness and effectiveness of the integration of HIA with environmental and other assessments at strategic level of development planning. In this framework the ESR7 will clarify the role and importance of human biomonitoring (HBM) in the context of exposure assessment and health impact assessment (HIA).

As an ultimate result of the research it is expected that the candidate will be able to demonstrate benefits of integrating HIA+ sustainability appraisal (SA) + strategic environmental assessment (SEA) + environmental impact assessment (EIA) with strategic planning and environmental health policy development. In relation to optimization of development proposals based on comparative evaluation of alternatives aimed at public health improvement the role of both cost-benefit analysis (CBA), and cost-effectiveness analysis (CEA) will also be investigated by means of concrete examples.

The selected candidate is expected to obtain a doctoral degree (PhD) during the ESR7 (i.e. *NEUROSOME*) research period.

We are looking forward to your application.

Best regards,

Prof. Dr. Milena Horvat

Benefits

- ESR will be employed by the host organisation (i.e.the JSI) for 36 months.
- ESR will be hired under a full-time, temporary contract. The research would lead to the awarding of a PhD in scientific domains relevant to environment and health science.
- ESR is offered a competitive salary plus allowances according to Jožef Stefan Institute standard remuneration rates. Moreover, funding is available for technical and personal skills training and participation in international research events.
- ESR will benefit from the designed training programme offered by the hosting organisation and the *NEUROSOME* consortium.
- ESR will participate in international secondments to other organisations in the *NEUROSOME* network and in outreach activities targeted at a wide audience.
- ESR will spend time not only at the hosting institution but also in one of the other partner universities/research centers/regulatory agencies/companies involved in *NEUROSOME* throughout Europe and the USA.

Eligibility criteria

- You have a relevant university degree (master's degree or equivalent) in natural or environmental/engineering science or related fields.
- You have excellent proficiency of the English language.
- Only applications that are complete in English, have been named as needed (SURNAME.pdf; avoid special characters), and that have been submitted by the deadline (**31 August 2018**) will be considered eligible.
- The position is open to all nationalities. However, your application has to comply with the **European Commission's Mobility Rules**, meaning that at the time of recruitment you must not have resided or carried out your main activity (work, studies, etc.) in the country of the host organisation for more than 12 months in the 3 years immediately before the reference date (start of the employment contract, 1 October 2018). Compulsory national service and/or short stays such as holidays are not taken into account (European Commission's Guide for Applicants, p. 16).
- You are an **EarlyStage Researcher**, i.e. in case you have already gained prior work experience in academia, you shall be in the first four years (full-time equivalent research experience) of your research career at the time of recruitment by the host organisation and have not been awarded a doctoral degree. Full-time equivalent research experience is measured from the date when you obtained the degree entitling you to embark on a doctorate, even if a doctorate was never started or envisaged. Part-time research experience will be counted pro-rata (European Commission's Guide for Applicants, p. 16).
- You are highly motivated to work in an international, dynamic environment.

- You are quality-oriented and creative and have demonstrated organization skills.

Selection process

The selection committee will check applications against the following criteria:

- Scientific background and potential as indicated by candidate's experience.
- Response to ESR7 job description as provided in this call for application, i.e. fit to both the research field and the research approach.
- Evidence of ability to undertake research.
- Evidence of working within groups or teams.
- Impact and benefit of the proposed training to the candidate's research career.

Gender equality and minority rights will be promoted in the selection process.

Three candidates will be short-listed and invited to an interview, if needed. Interviews will consist of two parts: 1) a short presentation by the candidate followed by questions and answers, and 2) competence-based interview.