

JOB DESCRIPTION TEMPLATE: (Euraxess labels)

Title (include department or project): PostDoc researcher FOR HE EUROPEAN PROJECT GOLIAT

Location: Barcelona

Reports to: Mònica Guxens

Send applications to: Mònica Guxens

Publish on (optional): Euraxess

Description:

The Barcelona Institute for Global Health (ISGlobal) is a cutting-edge institute addressing global public health challenges through research, translation into policy and education. ISGlobal has a broad portfolio in communicable and non-communicable diseases including environmental and climate determinants, and applies a multidisciplinary scientific approach ranging from the molecular to the population level. Research is organized in three main areas, Malaria and other Infectious Diseases, Child and Maternal Health, and Urban Health, Climate & Non-Communicable Diseases. ISGlobal is accredited with the Severo Ochoa distinction, a seal of excellence of the Spanish Science Ministry.

What We Are Looking for:

We are looking for a full-time postdoctoral researcher to join our young, dynamic BrainChild Lab led by Prof. Mònica Guxens (<https://www.isglobal.org/en/our-team/-/profiles/18628>). The candidate will work on the potential health effects of RF-EMF on children's neuropsychological development as part of GOLIAT (5G exposure, causal effects, and risk perception through citizen engagement) funded by Horizon Europe (grant agreement 101057262) (<https://projectgoliat.eu>). The candidate will apply state-of-the-art causal inference methods (e.g., negative control outcomes, instrumental variables, propensity score matching, marginal structural models) using data from several European and Asian cohort studies. The candidate will have the opportunity to do a research stay of 6 months to Harvard School of Public Health in a second year of contract. The work will also involve coordination of the data collection and data cleaning of all the cohorts involved in the project.

Field research: (please, highlight the fields that define the position)

Environmental science

Training and experience /Qualifications:

Doctorate in Health/Biomedical Sciences, Public Health, Environmental Epidemiology, Statistics or related subject.

Previous experience in child health/cohort research

Key Responsibilities:**Specific Duties:**

Coordinating data collection, exposure assessment, and data cleaning
Conducting analysis and drafting original articles for publication in high quality journals
Disseminating findings at conferences, workshops, and through the study website
Collaboration with the study teams and external specialists
Supervision of master and PhD students

Skills (HR proposes for PhD student, serve as a reference)

PhD in epidemiology, public health, or related discipline
Previous experience in the research topic is an advantage
Experience in processing and managing of complex and large datasets, as well as in statistical packages, preferably R and STATA
Motivated researcher capable of setting and meeting deadlines and delivering research outputs to the required standard
Strong organization and team-working skills
Professional attitude with attention to details
Effective verbal and written communication skills
Proficiency in Spanish and English (written and spoken)
Team player, yet capable of working autonomously, rational and critical thinker

Language level: Catalan, Spanish, and English written and spoken.

Conditions:

Duration: 1 year (extendable)

Starting date: February 1st 2024

Contract: (part or full time) Full time

Salary Range: 31,000-37,000€

How to apply:

Applicants must fill in the request form and include the following code reference position: **PostDoc_GOLIAT_Dec23** attach the CV and a Cover Letter. Each attached document must be named with the candidate name and surname.

The receipt of applications will be open until a candidate is selected.

Only shortlisted candidates will be contacted.

In ISGlobal we are committed to maintaining and developing a work environment in which the values and principles of our organization are respected and equal opportunities between women and men be promoted in each of the areas in which we operate, not tolerating discrimination based on criteria such as age, sex, marital status, race, ethnicity, disabilities, political leanings, religion or sexual orientation.

To be completed by HR:

-Female candidatures:

-Nationalities:

-Interviewers Panel:

-Recruitment time: