

1 Post-doctoral position available at Makerere University (Kampala, Uganda) – MTC4

Post-doctoral position available within the SUPPORT project (funded by Global Health EDCTP3): action '*Supporting the next generation of African researchers on preventing HIV pediatric mortality through a training network*', a highly multidisciplinary, international and competitive training program in pediatrics research.

INDIVIDUAL PROJECT: BIOSTATISTICS OF SUPPORT PROJECT

INDIVIDUAL PROJECT DESCRIPTION

The post-doctoral fellow will work on research projects related to the network applying a data management plan and statistical analysis plan design, epidemiology, causal inference, semi-parametric models, stochastic processes on networks and graphs, network communication processes, and reports. The fellow will work with the other SUPPORT fellows to develop statistical methods and data resources to strengthen each of the specific studies. The Postdoctoral fellow will conduct innovative methodological research in an international environment of one-of-a-kind population-based epidemiologic and microbiology studies and will build methodological and collaborative research programs in concert with their scientific mentors.

The fellow will have the opportunity to co-author high-impact scientific publications, collaborate with leading pediatric infectious disease researchers across Africa and Europe, and contribute directly to the analysis of unique multi-country clinical trial and cohort datasets.

WHAT WE OFFER

- A 24-month full time post-doctoral contract to undertake at Makerere University (Kampala, Uganda)
- A competitive gross salary according to the Marie Skłodowska-Curie training network tables taking into account family status and mobility (gross salary including employer's social contribution and without family allowance: 3,413.76€/Month)
- The integration in a network composed of 14 European and African institutions specialized in pediatrics
- A 3-month secondment at Fundación para la investigación biomédica del hospital 12 de octubre (Madrid, Spain)
- An extensive multidisciplinary training in research and transferable skills
- The Access to state-of-the-art infrastructures

KEY RESPONSABILITIES

- Develop and implement statistical analyses according to approved Statistical Analysis Plans (SAPs).
- Program reproducible statistical workflows in R.
- Perform statistical analyses for each of the objectives lead by the PhD fellow's
- Contribute to study design and methodological aspects of research objectives
- Collaborate with PhD fellows in the interpretation and reporting of results.
- Generate statistical reports, tables, figures and study deliverables.
- Support data quality assessment, data cleaning and validation procedures.
- Contribute to scientific manuscripts, conference abstracts and grant applications.
- Participate in capacity-building activities and provide statistical training to junior researchers within the network.
- Collaborate with international multidisciplinary teams across Europe and Africa.

REQUIREMENTS

Essential

- PhD in Biostatistics, Statistics, Data Science, Epidemiology, or Applied Mathematics
- Strong experience in statistical programming using R.
- Experience analyzing clinical, epidemiological or public health data.
- Knowledge of regression modelling, longitudinal data analysis and survival analysis.
- Experience with reproducible research workflows and version control.
- Excellent written and spoken English.
- Ability to work independently within an international multidisciplinary research environment.
- Willingness to work for at least two years in a Sub-Saharan African country after completion of the fellowship.

Desirable

- Experience with clinical trials and Statistical Analysis Plans.
- Experience with missing data methods and causal inference.
- Experience with Bayesian methods and machine learning approaches.
- Experience with REDCap and clinical research databases.
- Previous experience working in global health research.
- Scientific publication record in peer-reviewed journals.

ELIGIBILITY CRITERIA

- Be a citizen or resident of a Sub-Saharan African country

Start date: 1st November 2026

Send your CV, a cover letter detailing your motivation to pursue a research career in pediatric infectious diseases in Sub-Saharan African, and a recommendation letter, to ***globalhealth.pediatrics.group@gmail.com*** before **July 22nd 2026**. Please quote the **reference MTC4** in the object of the email.