

## 1 PhD student position available at Université Cheikh Anta Diop (Dakar, Senegal) – ESC8

PhD student position available to develop his/her thesis within the SUPPORT project (funded by 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.

### RESEARCH PROJECT: ANALYZE DRUG-RESISTANT BACTERIA INFECTION & COLONIZATION AND ITS IMPACT IN MORBIDITY IN CHILDREN LIVING WITH HIV

#### RESEARCH PROJECT DESCRIPTION

While several publications have highlighted a higher prevalence of MDR infection or colonization in the HIV population, there remains a dearth of information regarding Children Living with HIV (CLHIV) in resource-poor settings and the challenges they face. CLHIV, particularly those with advanced HIV disease or experiencing virologic failure and compromised immune status, are highly susceptible to infections and face an increased risk of adverse outcomes. The objective of this research is to enhance the understanding and provide guidance for the treatment of bacterial infections in this vulnerable population. This research project aims at assessing the prevalence of Antibiotic-Resistant Bacterial Carriage in CLHIV with virologic failure.

#### WHAT WE OFFER

- A 36-month contract to undertake a PhD at Université Cheikh Anta Diop (Dakar, Senegal)
- 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: 3,345.60€/Month)
- The integration in a network composed of 14 European and African institutions specialized in pediatrics
- A 3-month secondment at Inserm (Paris, France)
- An extensive multidisciplinary training in research and transferable skills
- The Access to state-of-the-art infrastructures

#### REQUIREMENTS

- Hold a master degree allowing the registration to an immunology or medical virology PhD (Basic health sciences: immunology, bacteriology-virology, hematology, physiology)
- Having a current position in Pediatrics HIV care (highly recommended)
- Hold other diploma in a field of pediatrics infectious diseases or immunology (highly recommended)
- Proficiency in English and French (oral and written) is mandatory (an interview in English will be conducted during the recruitment process). Knowledge of local language is a plus.
- Willingness to work for at least two years in a Sub-Saharan country after the PhD completion

#### ELIGIBILITY CRITERIA

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

#### **Expected starting date: January 2025**

Send your CV, a cover letter detailing your motivation to pursue a research career in pediatric infectious diseases in Sub-Saharan African, a recommendation letter and an additional contact for recommendation, to [globalhealth.pediatrics.group@gmail.com](mailto:globalhealth.pediatrics.group@gmail.com) before June 14<sup>th</sup> 2024. Please quote the **reference ESC 8** in the object of the email.