



LA FONDATION

**14-34 avenue Jean Jaurès  
75019 PARIS**

**Paris, September 28th 2022**

The MSF Foundation is a specialised entity created by Médecins Sans Frontières (MSF) dedicated to medical innovation targeting patients living in contexts with limited resources. Ongoing projects relate, among other things, to the use of 3D printing to create personalised prostheses; the development of digital tools for epidemic control and surveillance; and the development of a smartphone application using machine learning to streamline and automate antibiotic susceptibility testing: **Antibiogo**.

The Antibiogo project will contribute to the fight against antibiotic resistance, a major public health concern that is expected to cause 10 million deaths per year by 2050.

Antibiogo is a free, open source, offline Android app, designed for laboratories in Low and Middle Income Countries (LMIC). It supports non-expert laboratory technicians in measuring and interpreting antimicrobial susceptibility tests (AST or Antibiogram), in order to help doctors prescribe appropriate antibiotics to their patients and to provide accurate results that can be used for surveillance purposes.

Winner of the 2019 Google AI Impact Challenge, the application's development started with the help of Google's benevolents.

A first version of Antibiogo that was clinically evaluated across three different sites and countries (Jordan, Mali & Senegal) has been CE-marked since May 2022 as a mobile device application used for the interpretation of antibiograms in resource-limited settings and is now being deployed within MSF laboratories.

In parallel, a second version of the app integrating additional features is under development and must be evaluated as well in terms of usability and clinical performances. The results of the studies will be used to obtain CE-marking for this second version of Antibiogo according to the new In-Vitro Diagnostic Medical Devices Regulation (EU).

The user experience (UX) and accessibility of Antibiogo are of great importance for the adoption and use of the app by users of different backgrounds and cultures. In addition to medical constraints, we pay great attention to user research and its implications for designing the app's user experience.

In this framework, we are looking for a **User experience researcher** to join the Antibiogo team.

## **User experience researcher (Freelance)**

### **Activities**

While reporting to the Antibiogo Product Manager, you will work in close collaboration with Antibiogo's product team composed of a product designer and 3 software engineers, a usability expert (for reglementary purposes) as well as with Antibiogo's clinical and project teams.

Your role will be to support the product team in user experience research for future developments: from the definition of topics, through the organisation of sessions to the analysis and restitution of research results.

The main duties of the position will be:

- Define user research methodologies in accordance with our product objectives and constraints
- Build and manage the user panel, with the help of the project team
- Plan and organise remote and on-site (worldwide) research sessions
- Conduct user research in collaboration with product, quality insurance and clinical teams
- Analyse and report results proposing recommendations via suitable deliverables

## Profile

**Education:** Bachelor's degree in Human-Computer Interaction, Cognitive Science, Statistics, Psychology, Anthropology, related field, or equivalent practical experience.

**Experience:**

- Significant experience of at least 3 years for conducting user experience research for digital product(s)
- Successfully worked in collaboration with multidisciplinary teams such as: clinical, quality insurance and engineering, to achieve common goals.
- Work experience in or with Low and Middle Income Countries is an asset.

**Languages:**

- Fluent French and English (oral & written) is essential (B2).

**Skills:**

- Demonstrated knowledge of UX principles and research methodologies.
- Strong writing and communication for documentation and multidisciplinary teamwork
- Excellent planification and organisation of user research
- Experience with UX research tools
- Having knowledge and interest in the following topics is a plus (not mandatory): medical devices, humanitarian innovation, limited resource settings.
- Strong interest in working in a multi-cultural context.

**Start date:** From now to November 2022

## Conditions

- Full time contract as a freelance
- Location: Paris or remote
- Travels: International travels on the field might be required
- Duration: 6 months (depending on starting date)

*Please send your application (CV and a short introduction) to the following address :*

[vanessa.lalouelle@paris.msf.org](mailto:vanessa.lalouelle@paris.msf.org)

*Applications are reviewed on an ongoing basis.*

*We may stop the selection process if a candidate matches the profile we are looking for.*