

GRAND CHALLENGES AFRICA

Inspiring innovation to address Africa's health and developmental challenges

GC Africa Innovation Seed Grant Round 1

Applicant	
Reference number	1512
Title of Application	

Applicant Details

Title

Forename(s)

Address Line 1

Address Line 2

Surname

Address Line 3

Nationality

Postcode

ORCID iD

Country

Telephone No.

Email Address

Position

Organisation

Country of residence

Are you a non-African affiliated with any of the Institut Pasteur Centers in Africa?

Gender

Website (if applicable)

Name of Department within Institution

Telephone (Department)

Telephone (mobile)

Other Professional Affiliations

Research Expertise

Please indicate your research expertise below:

No Classifications have been added

Diseases: Please select the disease related to your expertise

No Diseases: Please select the disease related to your expertise have been added

Research Interests

Please give details of your research interests

Academic Contributions and Publications

Please give details of your recent academic contributions and publications starting with the most recent first.

Organizational support

Please provide details of any support (space, facilities, equipment, and infrastructure, technical or other assistance) that will be available to you at your organization

Title of Proposal: (max 12 words)

Please select the GCA Innovation objective that you are applying for.

1. New technologies to enable rapid identification of communicable and non-communicable exposures that lead to poor outcomes in pregnancy, birth and in the first month of life.
2. Precision medicine approaches and techniques to identify microbes and other exposures in Africa that may increase susceptibility to non-communicable diseases (cancer, cardiovascular diseases etc.) in mothers and children under 5 years of age.
3. Innovative policy and clinical practice approaches and pathways that will enable the rapid and widespread adoption of new innovations as well as well tested interventions.
4. Creative ways to engage the public, policy and decision makers to pay attention to Research & Development (R&D), to encourage governments to dedicate funding for African R&D

Section I. What is your idea?

Use this section to briefly describe your idea. Read the topic description carefully to make sure that your idea directly fits the topic; otherwise your proposal may be disqualified.

- Indicate in one or two sentences **in bold** the essence of your idea.
- Why is your idea an unconventional or creative approach to the problem outlined in the topic?
- Describe the hypothesis for your proposal and why you expect it to succeed.

Section II. How will you test it?

Use this section to briefly describe the project design and implementation plan.

- Describe your experimental plan, including any new technologies or tools to be developed.
- How will the work you describe be performed within the budget (USD\$100,000) and time period (eighteen [18] months) allocated for the initial Phase I award? *This 18-month time period should include project work time, ramp up and required reporting.*
- What essential data will you generate during your Phase I award?
- If your experiments in Phase I are successful, what are the next steps?
- Please include a brief breakdown of allowable direct costs under the following categories: personnel, supplies, subcontracts, travel, and other expenses (equipment). Please review the Rules & Guidelines for more guidance. Indirect costs are not allowed under GCA Phase I.

Section III. Scaling Innovations through Partnerships

This GCA grant program seeks to encourage intra-Africa relationships across the continent. Use this section to describe how your project will either build on an existing partnership or start a new one. Keep in mind that the program will provide limited additional funding for travel to facilitate collaboration but only to those who win the awards i.e **you can only make a request for travel support to collaborators institution if you win phase I funding.**

Note: In crafting your application, you are encouraged to use your Phase I approach to develop collaborations for a future phase II application.

- If you were to apply for Phase II, and assuming you are successful, how would you scale your innovation and who would be the appropriate partner to work with?