



Update on DfID/Wellcome Joint Initiative on Epidemic Preparedness – Cholera CFA

Case Management WG, 5th November, 2018

Research agenda from GTFCC workshop

23/24 July 2018 supported by DFID/Wellcome

PRE-IMPLEMENTATION	IMPLEMENTATION	POST IMPLEMENTATION / M&E
<p>Burden of disease and identification of hotspots:</p> <ul style="list-style-type: none"> Description of existing hotspots to inform the definition of hotspots: <ul style="list-style-type: none"> Quantification: laboratory confirmation, sero-surveys Characterization: changing incidence and timing, WASH conditions, transmission (in and out) Accessible laboratory confirmation methods in hotspots Develop and pilot an assessment tool – hotspot vs at risk (using a tier approach), including lab capacity Improve estimates of mortality and where it occurs <p>Transmission dynamics:</p> <ul style="list-style-type: none"> Macro level analysis: laboratory data, Whole Genome Sequencing, epidemiological data Community/household level: environmental reservoir vs human to human transmission, Social science Disease modelling for outbreak short term prediction 	<p>Optimization of interventions at the community level:</p> <ul style="list-style-type: none"> Rapid Diagnostic Tests Use of antibiotic (targeted prophylaxis) WASH package (short medium and long term) Delivery strategies for OCV including new cholera vaccines, use in “controlled temperature chain” (CTC) Behavior change <p>Operational research on cholera vaccine:</p> <ul style="list-style-type: none"> co-administration with other vaccines, vaccine duration of protection, simplification of delivery <p>Synergies of interventions: OCV and WASH</p> <p>Cholera And Severe Acute Malnutrition (SAM)</p>	<p>Effectiveness:</p> <ul style="list-style-type: none"> Outcomes and process for continuous improvement Improve targeting and use of interventions in country <p>Change in attitude:</p> <ul style="list-style-type: none"> Political will Lessons learnt to be documented
CROSS-CUTTING		
<p>Social sciences</p> <ul style="list-style-type: none"> Country engagement: policy drivers, determinants and barriers Documenting success stories through case studies – to be linked to advocacy efforts <p>Impact:</p> <ul style="list-style-type: none"> Level of WASH coverage needed to stop transmission, Role of disease estimate modelling to support countries in defining control plans Impact of outbreak response (including OCV reactive campaigns) and endemic cholera control activities <p>Cost effectiveness/value for money</p>		

Epidemic Preparedness: Preventing and Controlling Cholera

Call for applications - overview

Career stage of lead applicant based anywhere in the world:

Leading a research programme

Level of funding:

Small awards: up to £350,000. Large awards: between £350,000 and £2 million.

Duration of funding:

Up to 2 years

Scope:

- Analysis of aspects of past or ongoing interventions to improve their implementation in future eg the use of oral cholera vaccines (OCV) or water sanitation and hygiene (WaSH) strategies
- Development of tools, metrics and other resources to support decisions about controlling cholera.

Epidemic Preparedness: Preventing and Controlling Cholera

What are we looking for?

We aim to support a range of proposals across the research agenda and in a number of different countries with a particular focus on the quick wins highlighted at the workshop.

We strongly encourage innovative approaches and projects which are integrated with other ongoing activities and with each other – this is where the GTFCC will really add value

Examples of areas we'll consider

- How best to implement oral cholera vaccines (OCV)
- The health impact of water sanitation and hygiene (WaSH) strategies in different contexts
- How best to combine OCV and WaSH or other interventions to prevent and control cholera outbreaks.
- Developing tools, data sources, methodologies, standard, metrics and other resources to advance research and improve future interventions

Stages of application

Applications are open to all but we recommend contacting us in advance of submission as it is a one stage process

Submission

1. Contact us by email to discuss your proposal
2. Submit your full application on Wellcome Grant Tracker – one application per lead applicant
3. **Deadline: 26th November**

Decision making

3. There are no interviews, but we may contact you for more information
4. Assessed by the Wellcome/DFID Epidemic Technical Advisory Panel in **February 2019**

What will be assessed?

- The vision and scope of your proposal, including the aims, methods and impact your research is likely to have on preventing and controlling cholera
- The track records of all team members, relative to their career stage
- The importance of your research to informing countries' cholera control plans, and how it aligns to the priorities set out in the [Global Taskforce for Cholera Control research agenda \[PDF 544KB\]](#)
- The suitability of the environments in which you and your team members do the research
- The extent to which your research and the dissemination of data involves genuine participation of national researchers and other national stakeholders in endemic countries
- The plans for sharing your research outputs (and samples if relevant).



Thank you

Email: e.preparedness@wellcome.ac.uk

<https://wellcome.ac.uk/funding/epidemic-preparedness-preventing-and-controlling-cholera>