



# Wellcome: Cholera

GTFCC Annual Meeting June 2019

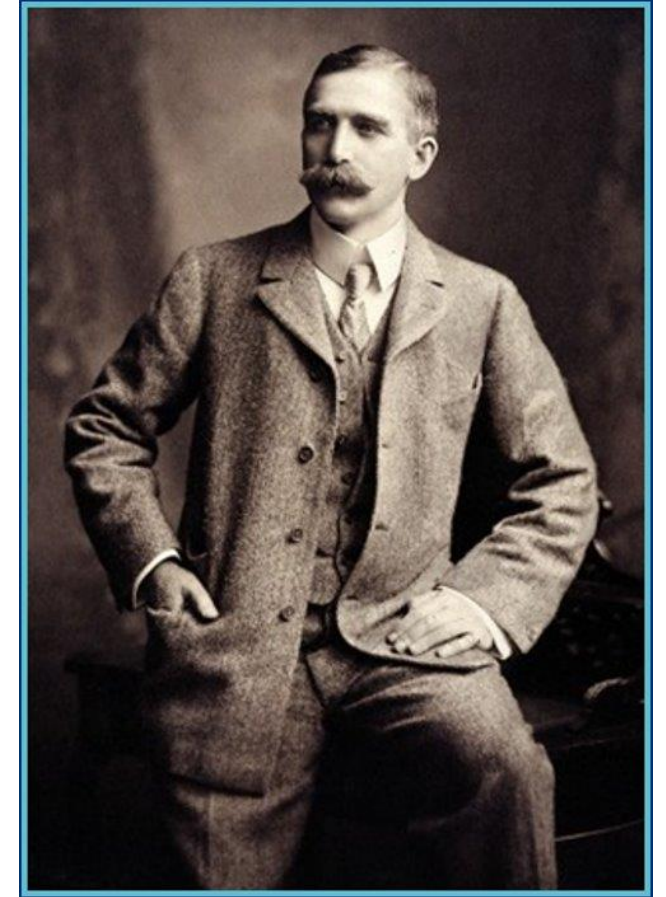
Charlie Weller, Head of Vaccines

# Who are we?

**Wellcome exists to improve health by helping great ideas to thrive.**

**We support researchers, we take on big health challenges, we campaign for better science, and we help everyone get involved with science and health research.**

- Global charitable foundation
- Politically and financially independent foundation
- Established in 1936 under the will of Sir Henry Wellcome
- Wellcome Collection museum, public engagement, policy and communications



**wellcome  
collection**

# Funding approach

## We have two ways of allocating resources to our mission

### Primary Fund

- Supports core activity in Science, Innovations, and Culture & Society.
- Classic response-mode schemes where great ideas come from the community
- Core funded institutes: Wellcome Centres, Africa and Asia programmes, Sanger and Crick.

### Reserve Fund

- Supports a small number of **priority areas** and major initiatives where Wellcome wants to drive significant progress or change over five to ten years

# Vaccines Priority Area:

Key outcomes	Strategic focus areas
<b>1.New and better vaccines</b>	A.Development and use of vaccines for epidemics B.De-risk and advance vaccine development through Human Infection Studies
<b>2.Better use of vaccines</b>	C.Promote the development and use of vaccines for AMR <b>D.Optimise implementation with evidence, starting with cholera</b> E.Improve evidence-based country decision making

# Cholera across Wellcome

## Science



- Pandemic waves originate in Bay of Bengal, genomics research through Sanger
- Investigator awards in ecology and epidemiology of cholera

## Innovations



- Hilleman labs have developed a Heat-stable, simplified Cholera vaccine

## Priority Area



- Support research to target control efforts with Partners (DfID, Gavi, WHO)
- To have impact on policy and practice through research

# Building an evidence base to propel action



Department  
for International  
Development



- Interim Research agenda (GTFCC)
- DfID/Wellcome Joint Initiative on Epidemic Preparedness
- 11 research projects supported to investigate dynamics of cholera prevention and control
  - Modelling/resource allocation, OCV, genomics, epidemiology, WASH, SAM, and rapid diagnostic test.

Goal: Research linked to impact on policy/practice, and vice versa

# Looking forward.....

- Optimise implementation with evidence... connecting research with policy and practice to ensure that research has as much impact as possible
- Creating sustained links to push forward action on Roadmap to 2030

## ‘Cholera Research and Practice Meeting’ 5th June

- Set the stage for scientific information sharing
- Seed future collaboration and bring the cholera research and policy/implementation communities closer
- Discuss how upcoming research can inform practice, and how practice can inform research

Thank you!