The role of the European & Developing countries clinical trials partnership (EDCTP) in the uptake of innovations in healthcare

EDCTP – an Africa-Europe Partnership

*Professor Moses Bockarie | EDCTP, Director of International Cooperation (Africa).*
Innovations in healthcare in Africa

- Partnership models based on inclusiveness and equity
- Innovative approaches to research capacity strengthening in Africa
- Networking local innovators and research leaders
- Digital and mobile health solutions
  - Spotting the fake drug – Mobile AP called FD – detector.
  - Drones delivering medical supplies in hard to reach places
  - Drones for mapping disease outbreaks and mosquito breeding sites
European & Developing countries clinical trials partnership

EDCTP – an Africa-Europe Partnership
“No one likes a parachute researcher: the one who drops into a country, makes use of the local infrastructure, personnel, and patients, and then goes home and writes an academic paper for a prestigious journal”
EDCTP: the EU-Africa partnership model based on equity and inclusiveness
EDCTP: the EU-Africa partnership model based on equity and inclusiveness

How a partnership is closing the door on “parachute” research in Africa

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Moses John Bockarie works for EDCTP. He previously received funding from the UK Department for International Development. He is hosted by the SAMRC.
14 European Countries
Austria, Denmark, Finland, France, Germany, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden and United Kingdom

2 Aspirant Members
Angola, Switzerland

16 African Countries
The role of the European & Developing countries clinical trials partnership (EDCTP) in the (development and) uptake of innovations in healthcare

- Partnership model
- Innovative approaches to research capacity strengthening in Africa
- Networking local innovators and research leaders
- Digital and mobile health solutions
Funded innovative projects
2014-2018

Total funding
€447.04 M
In 192 projects awarded to date

Clinical studies
€395.83 M
to support 64 projects with large-scale clinical trials and other clinical research activities conducted by European-African consortia.

Capacity development (excluding fellowships)
€30.40 M
to support 39 projects that strengthen the enabling environment for conducting clinical trials and clinical research.

Fellowship programme
€20.81 M
to support 89 fellowships that focus on the career development of individual researchers.
EDCTP grant value allocation

2014-2018

- Africa
  - 62%
  - 226 institutions

- Europe
  - 38%
  - 139 institutions
EDCTP-supported activities (#52)

**African countries**
1. Angola
2. Benin
3. Botswana
4. Burkina Faso
5. Cabo Verde
6. Cameroon
7. Central African Republic
8. Congo
9. Comoros
10. Democratic Republic of Congo
11. Ethiopia
12. Gabon
13. The Gambia
14. Ghana
15. Guinea
16. Guinea-Bissau
17. Ivory Coast
18. Kenya
19. Liberia
20. Madagascar
21. Malawi
22. Mali
23. Mozambique
24. Namibia
25. Nigeria
26. Rwanda
27. Senegal
28. Sierra Leone
29. South Africa
30. Swaziland
31. Sudan
32. Tanzania
33. Togo
34. Uganda
35. Zambia
36. Zimbabwe

**European countries**
1. Austria
2. Belgium
3. Denmark
4. Finland
5. France
6. Germany
7. Ireland
8. Italy
9. Moldova
10. Netherlands
11. Norway
12. Portugal
13. Spain
14. Switzerland
15. Sweden
16. United Kingdom
Portfolio of projects
2014-2018

By disease

- Tuberculosis, 39 grants
  €127 M
- HIV & HIV-associated infections, 40 grants
  €92.05 M
- Malaria, 23 grants
  €67.86 M
- Neglected infectious diseases, 21 grants
  €48.44 M
- Emerging diseases, 17 grants
  €42.85 M
- Diarrhoeal diseases, 4 grants
  €21 M
- Lower respiratory tract infections, 4 grants
  €18.25 M
Portfolio of projects
2014-2018

By medical intervention

€370.22 M
96 grants

- Drugs, 50 grants
  €199.32 M
- Vaccines, 23 grants
  €135.83 M
- Diagnostics, 23 grants
  €35.07 M
EDCTP strategy for capacity development

**Strengthening product-focused health systems research**
- Phase IV studies
  - Pragmatic studies
  - Implementation research with a product focus
  - Pharmacovigilance

**Comprehensive fellowship programmes**
- Preparatory fellowships
- Industry Fellowship (EDCTP-WHO/TDR Fellowship)
- Career Development Fellowship
- Senior Fellowship

**Regional Networks of Excellence**

**Site preparation for conducting clinical research**

**Strengthening ethics capacity and regulatory framework**
Health system preparedness for outbreak response

ALERRT and PANDORA-ID-NET consortia

- Research and clinical management of patients in PRD epidemics in sub-Saharan Africa
- Aim: to establish a multidisciplinary consortium, able to provide **accelerated evidence for the optimal clinical management of patients, and for guiding the public health response to severe infectious outbreaks.**


- **6 European countries** (Belgium, France, Germany, Italy, Switzerland, United Kingdom)
Health system preparedness for outbreak response

Research and capacity development in support of the EVD response
• 6 grants support

Research and clinical management of patients in PRD epidemics in sub-Saharan Africa
• 2 consortia supported

Mobilisation of research funds in case of Public Health Emergencies
• 5 grants awarded in response to the EVD outbreak in the Democratic Republic of Congo.

Total investment
€23.10 M
EDCTP2 Regional Networks of Excellence

African countries
1. Angola
2. Botswana
3. Burkina Faso
4. Cameroon
5. Congo
6. Democratic Republic of the Congo
7. Ethiopia
8. Gabon
9. Gambia
10. Ghana
11. Guinea-Bissau
12. Kenya
13. Malawi
14. Mali
15. Mozambique
16. Namibia
17. Nigeria
18. Rwanda
19. Senegal
20. South Africa
21. Sudan
22. Tanzania
23. Togo
24. Uganda
25. Zambia
26. Zimbabwe

European countries
1. Belgium
2. France
3. Germany
4. Netherlands
5. Portugal
6. Spain
7. Sweden
8. Switzerland
9. United Kingdom
The EDCTP Alumni Network objectives:

• To provide a mechanism by which EDCTP can profile all Fellows and keep up to date with their career progress and ongoing research projects
• To provide a tool that facilitates easier networking and collaboration among EDCTP Fellows and the extended research community
• To increase the visibility of the EDCTP comprehensive fellowship programme and demonstrate the lasting impact of investing in capacity building of African-based scientists
THANK YOU