



LESSONS LEARNT – HOW TO CREATE COLLABORATION (Africa/Europe)

*Professor Moses Bockarie
EDCTP, Director of International Cooperation (Africa).*



EU-AFRICA PerMed Virtual stakeholder workshop: 9-10 February 2022





Collaborations in global health research

- **To achieve universal health coverage, we have to integrate and coordinate research, capacity development and implementation efforts.**
- **Researchers and policymakers in Africa should engage in south-north collaborations and cross-sector networking to identify creative solutions to complex problems.**



EDCTP model for Africa – Europe collaborations

- Institutional networks
- PHE networks for outbreak response
- Ethics and Regulatory networks
- Researchers network

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

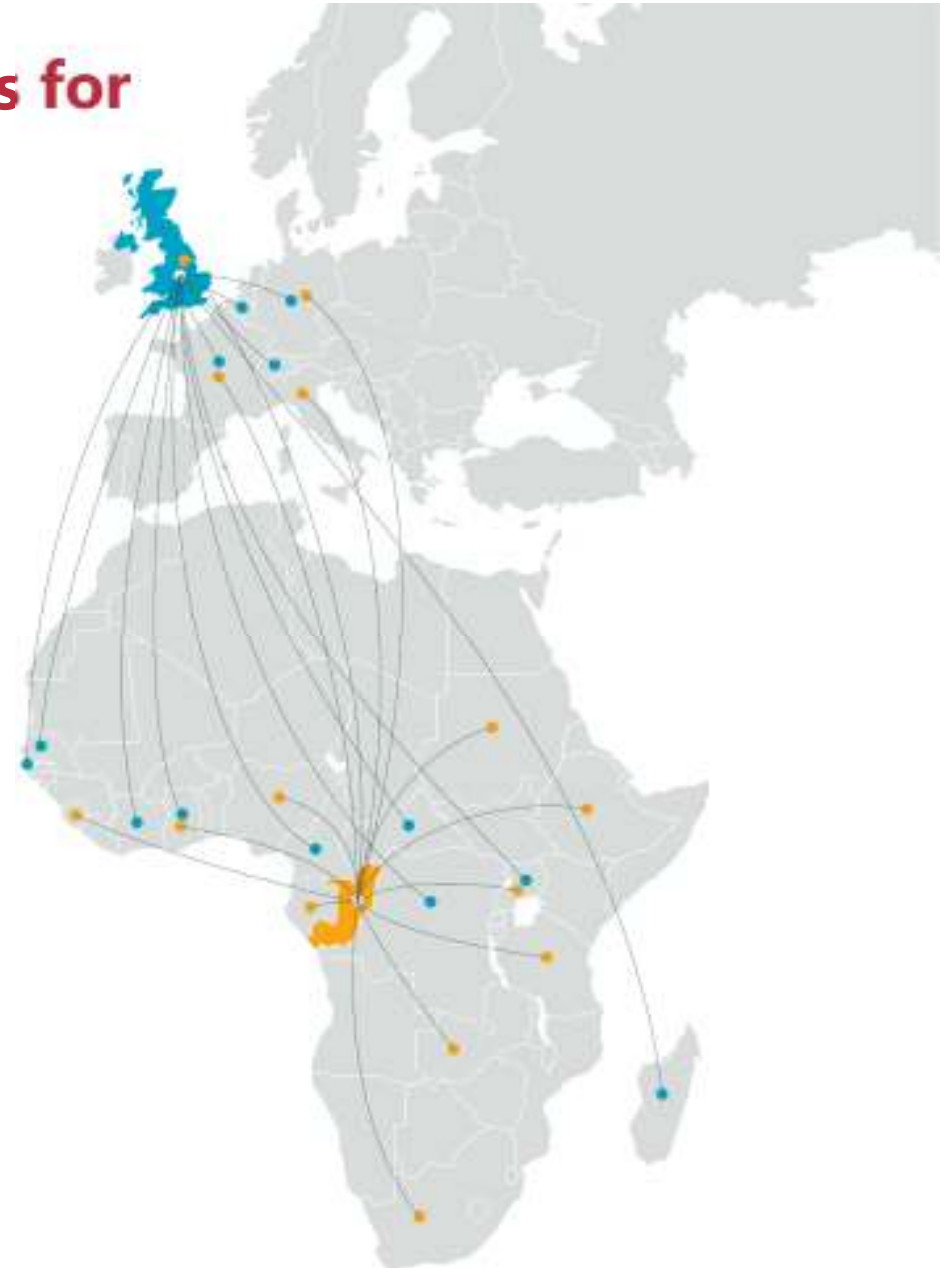
1. Belgium
2. France
3. Germany
4. Netherlands
5. Portugal
6. Spain
7. Sweden
8. Switzerland
9. United Kingdom



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.**
- **18 African countries** (Cameroon, Central African Republic, Congo, Cote d'Ivoire, Democratic Republic of Congo, Ethiopia, Gabon, The Gambia, Ghana, Madagascar, Nigeria, Sierra Leone, Senegal, South Africa, Sudan, Tanzania, Uganda and Zambia)
- **6 European countries** (Belgium, France, Germany, Italy, Switzerland, United Kingdom)



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

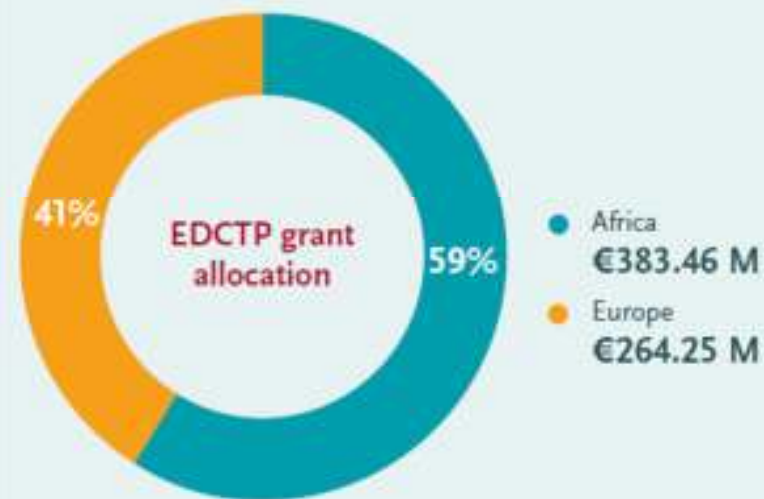


Strengthening ethics capacity and regulatory framework

Site preparation for conducting clinical research

Collaboration and capacity development

EDCTP projects involve **244** sub-Saharan African organisations. These account for **59%** of total EDCTP funding.



EDCTP's contribution towards strengthening ethics and regulatory capacity in Africa

37 sub-Saharan African countries have been awarded EDCTP funding for the establishment of functional regulatory systems and capacities for ethical review of clinical research.



EDCTP2 capacity-building funding at a glance

- **229** sub-Saharan African institutions benefiting from enhanced research facilities
- **167** fellows funded in 24 sub-Saharan African countries
- **111** PhD students funded through EDCTP grants
- **9,091** researchers and support staff receiving short-term training
- **37** sub-Saharan African countries benefiting from regulatory and ethics review capacity building
- **42** institutions in 27 sub-Saharan African countries participating in Networks of Excellence.

EDCTP integrated capacity development approach



Personalised treatment of drug-resistant TB

Professor Nesri Padayatchi is exploring use of whole genome sequencing to identify resistance genes and facilitate tailored treatment of TB.

The challenge

Drug resistance is a growing problem in TB. In 2018, there were around half a million new cases of drug-resistant TB globally and an estimated 214,000 deaths. South Africa, particularly KwaZulu Natal, is badly affected by drug-resistant TB and has experienced the largest outbreak of extremely drug-resistant (XDR) TB ever reported.

Identification of drug resistance is important to ensure that patients are started on effective drugs as rapidly as possible and are spared the side effects of powerful drugs from which they will derive no benefit. However, culture methods to determine resistance take many weeks, while quicker molecular tests screen for only a few specific resistance genes.

Project at a glance

Project: EDCTP Senior Fellowship

Project lead: Professor Nesri Padayatchi, Centre for the AIDS Programme of Research in South Africa, South Africa

Target population(s): All

Year funded: 2020

EDCTP funding: €0.5 M

drug-resistant TB, and aims to recruit patients with both MDR-TB and XDR-TB. On the basis of genome data, experts will select treatments likely to be most effective in each patient.



Home

Find our Fellows

Fellow Profiles

Networks of Excellence

Resources

Stay up to date

Contact

Login



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

