

Human Heredity and Health in Africa (H3Africa)

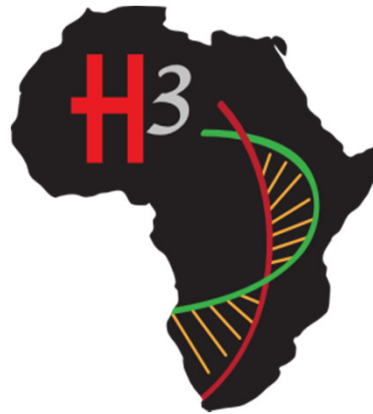
Third H3Africa Consortium meeting
October 5, 2014

Professor Dame Kay Davies, Chair
International Expert Committee, H3Africa
University of Oxford



Wellcome
Trust

NIH



Genomics/Genetics
(AfSHG)

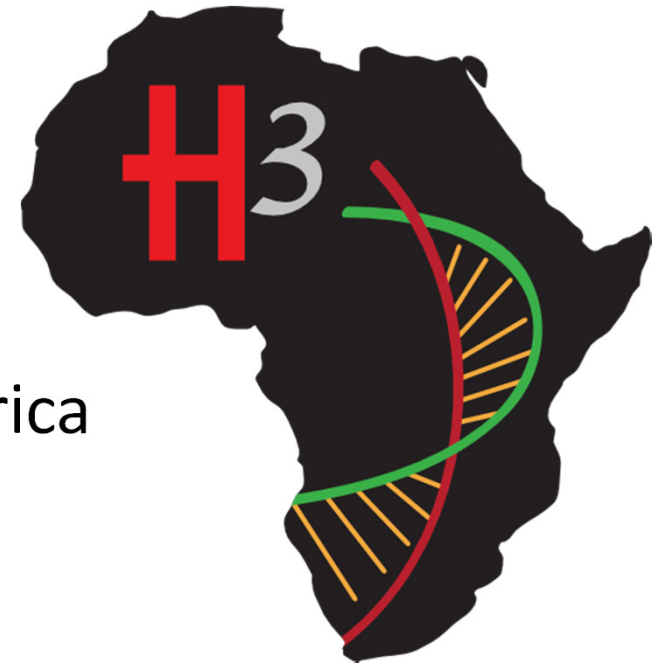
The Goals of H3Africa

- Increase the number of African scientists who are internationally competitive in genomics and population-based research
- Establish collaborative networks of African investigators pursuing genomics-based disease-oriented projects
- Create/expand infrastructure for genomics research, including bioinformatics and biorepositories



Distinguishing features of H3frica

- Awards are made directly to African institutes & PIs
- Centers are comprised of multiple collaborative projects
- Must deposit data in public repository
- Must deposit biospecimens in H3Africa Biorepository
- Must use H3Africa Bioinformatics Network
- Must include training component
- May include societal implications research



H3Africa

- The H3Africa consortium has funded 20 projects
 - A bioinformatics network
 - 4 pilot biorepositories
 - 15 Research Projects working on:

Obesity

Stroke

Microbiome (2)

Trypanosomes (2)

Schizophrenia

Rare neurological

Disorders

TB (2)

Sickle Cell

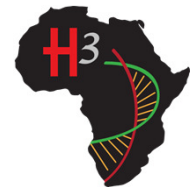
Disease (ethics)

Kidney disease

Heart disease

Diabetes

**Fevers of unknown
origin**



National Institutes of Health - Wellcome Trust H3Africa Research Network



27 countries, 20 primary awards and 93 collaborators



**Third H3Africa Consortium Meeting in Johannesburg, South Africa
3-6 October 2013**

Questions?

