



Longitudinal Study of Health and Ageing in Kenya - LOSHAK

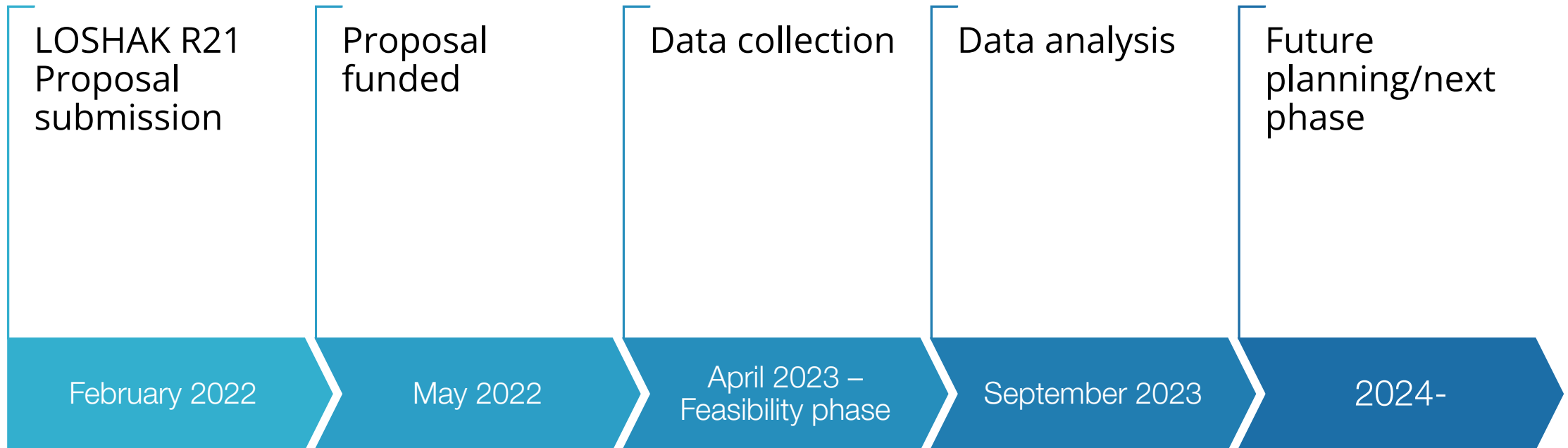
Basic Overview

- 2022-24
 - Feasibility/validation phase
- Future
 - Nationally-representative Wave 1
- Feasibility/validation
 - Leverages existing Kaloleni/Rabai Community Health and Demographic Surveillance System (KRHDSS)

Study Population (current phase)

- 200 households
- Age \geq 45 years
- Purposive sampling
 - Age strata
 - Gender
 - Urban/peri-urban residence

Timeline





LOSHAK - Domains

Study Design

- Survey mode
 - Face-to-face in home survey performed by trained interviewers
- What type of information are you collecting?
 - Cognitive, psychosocial, mental health, climate shocks, air pollution monitoring, economics, caregiving exposures and stress, physical

Biomarkers

- What tissues are you planning to collect?
 - Dried Blood Spots
- What assays are you planning?
 - Hemoglobin (Hb)
 - Glycolated Hb (HbA1c)
 - C-Reactive Protein (CRP)
- Which are you interested in collecting in future?
 - Venous blood
 - [The NIA Biomarker Network Genomics 2023 International Meeting](#)

Additional info

- Goals
 - Gauge biomarker collection acceptance and feasibility
 - Evaluate assay concordance with Univ Washington lab
 - Assess willingness to allow genomic sequencing
- Large expansion of assays in Wave 1, including ADRD