

Transmission routes and dynamics of AMR along poultry value chain in Uganda

OBJECTIVES:

1. Quantify the levels of AMR (E.coli, Salmonella, Campylobacter)
2. Determine the Selection and persistence of AMR strains
3. Determine genetic relatedness of the isolates
4. investigation of mobile genetic elements associated with AMR transfer

PROGRESS:

- ❖ Proposal
- ❖ Admission
- ❖ Protocol development
- ❖ IRB
- ❖ Procurement of supplies
- ❖ Selection of farms

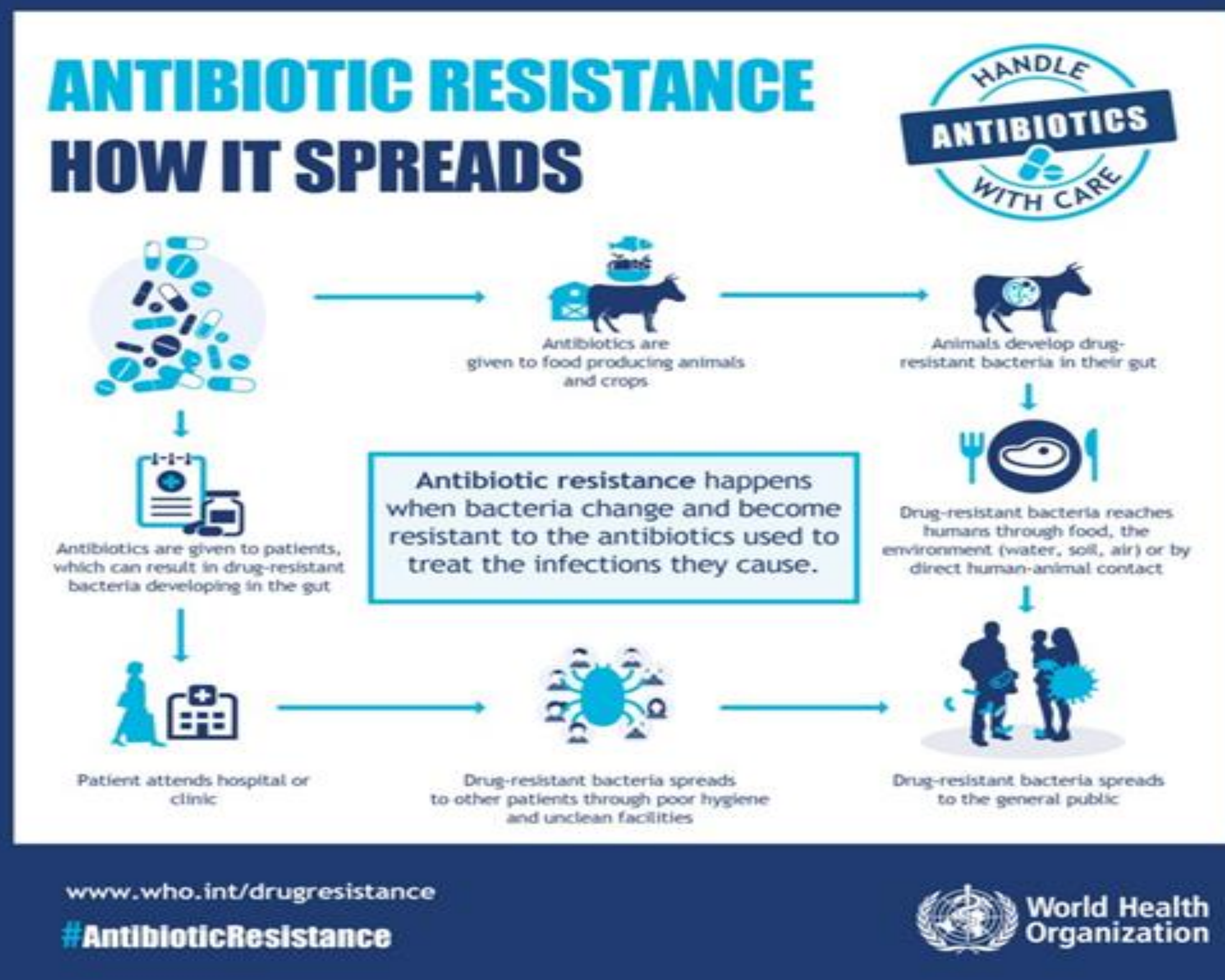
- ❖ Sampling
- ❖ Laboratory analysis
- ❖ 1st and 2nd Publication
- ❖ Laboratory analysis – BfR
- ❖ 2nd and 4th Publication
- ❖ Dissertation submission
- ❖ Graduation

CHALLENGES:

1. COVID 19
2. Lockdown

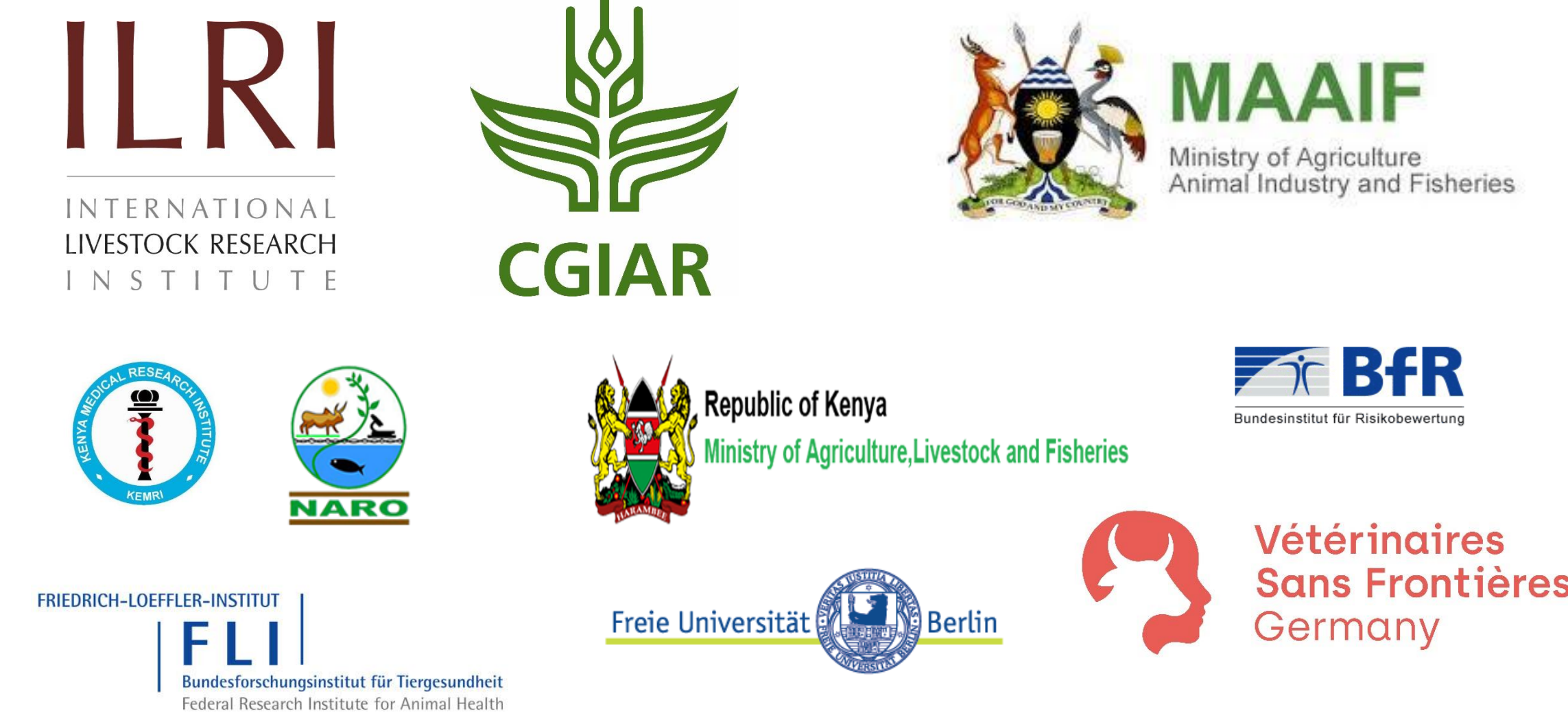
SUPERVISORS:

1. Arshnee Moodley
2. John Elmerdahl Olsen



FARM SCOPING EXERCISE:

1. Conducted to inform the research design and assess study site conditions



SITES: Wakiso and Soroti districts

Activity: Farm scoping

Period: April - July 2021

Findings:

- Closed farms
- Devastating lockdown effects
- Diseases outbreaks
- Differing site condition
- Excess use of antibiotics in Wakiso
- Very limited use of antibiotics in Soroti

BY: NDOBOLI DICKSON; +256783407616, D.Ndoboli@cigar.org