



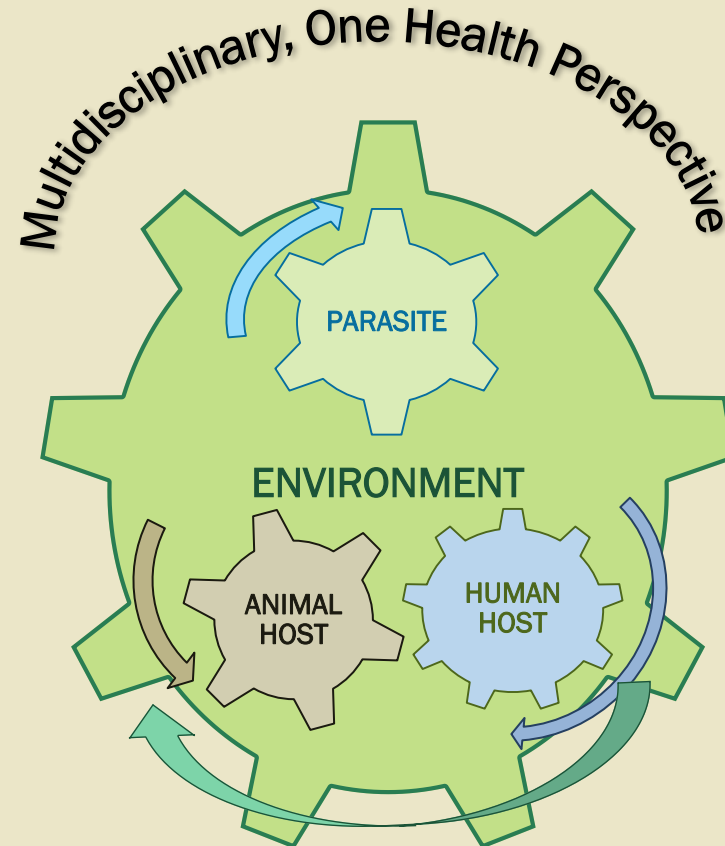
WORMS FOR DINNER

S. Gabriël

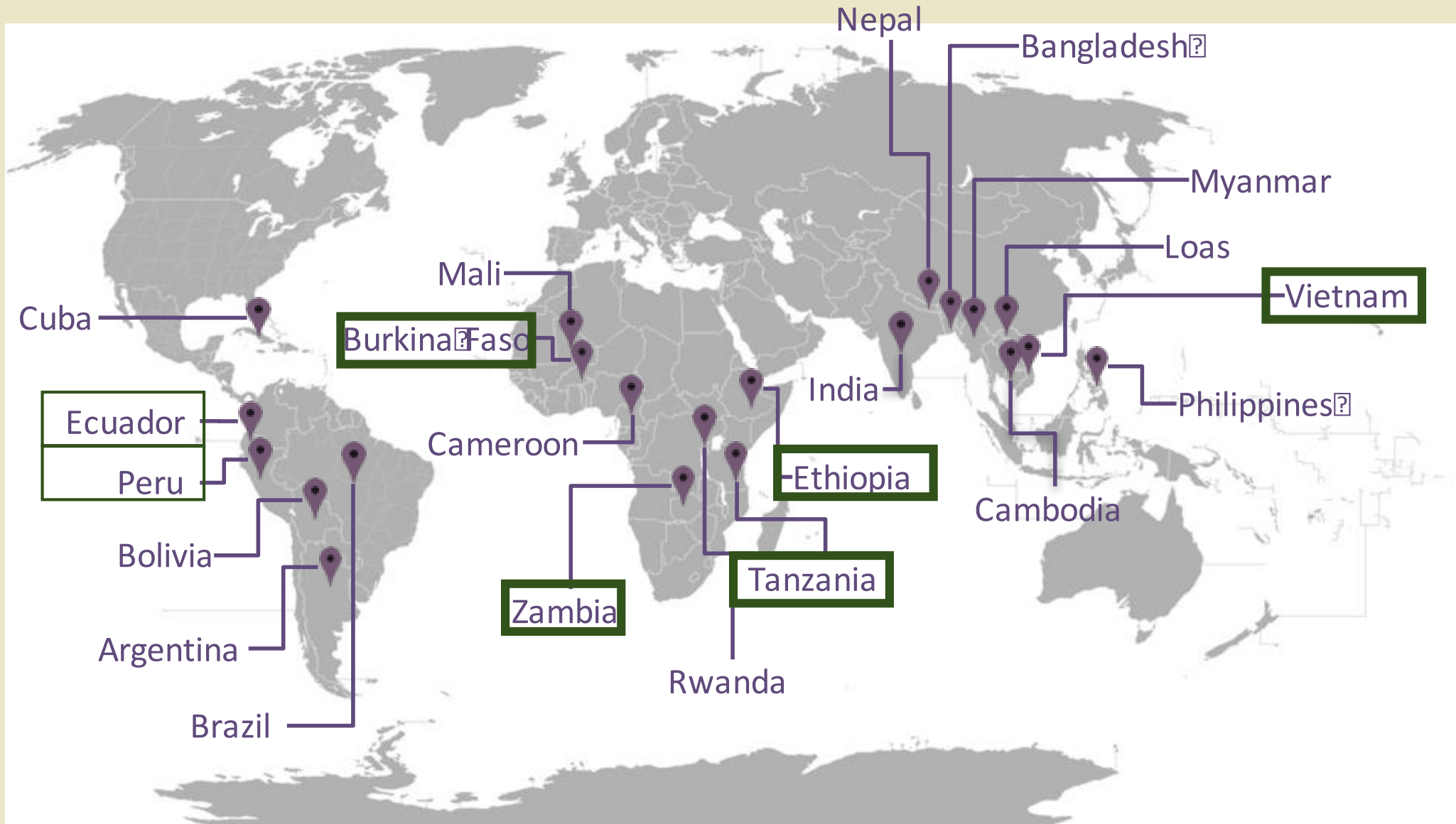
Laboratory of Foodborne Parasitic Zoonoses
Dept. of Veterinary Public Health and Food Safety

What do we do?

- Research on Foodborne parasitic zoonoses
 - *Epidemiology, diagnostics to control*
 - *Developing countries, (EU)*



Where do we work?



Zambia-Tanzania-

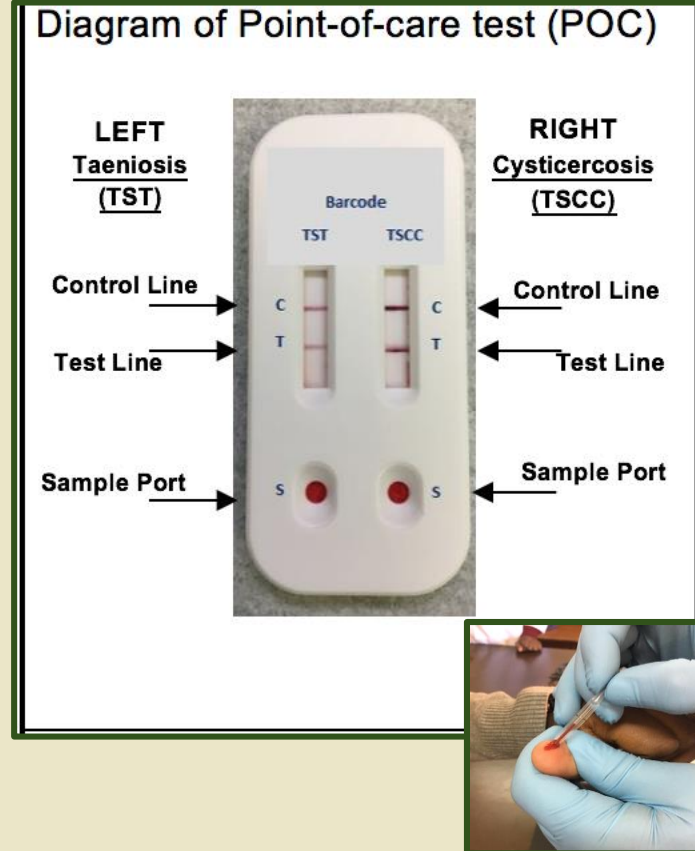
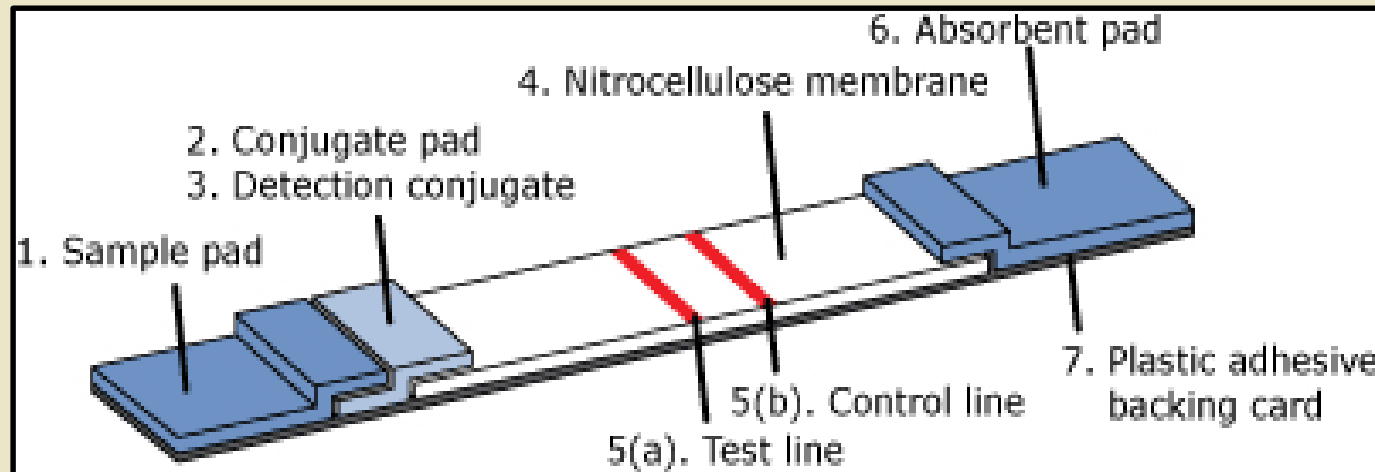


- Evaluation of an **antibody detecting point-of-care test** for the diagnosis of *Taenia solium* taeniasis and (neuro)cysticercosis in communities and district hospitals of highly endemic, resource-poor areas in **sub Saharan Africa**, including capacity building
- September 2016-August 2020



POC test

- CDC-Atlanta
- Qualitative multiplex Lateral Flow Assay for the detection of cysticercosis and taeniosis-antibodies (Ab) in whole blood
- Recombinant antigens







Zambia-



Taenia solium control or elimination, what is the best option for Sub Saharan Africa?



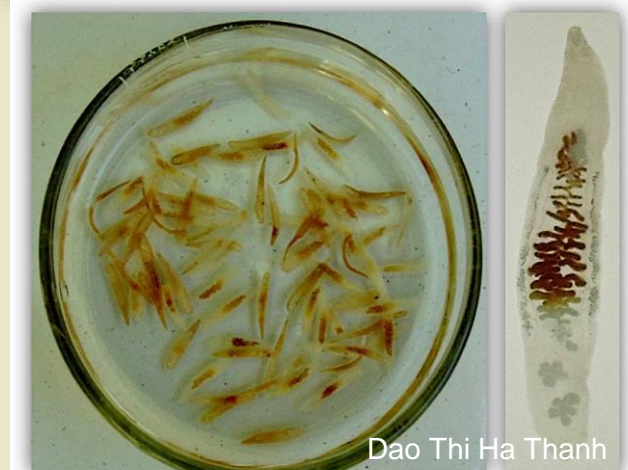
Vietnam

Epidemiology of Opisthorchis spp. in Central Vietnam



Vietnam

- To investigate opisthorchiasis in humans and define its associated risk factors
- To identify *O. viverrini* sp. duck genotype and determine its prevalence
- To define the position of the *O. viverrini* duck genotype in the phylogenetic tree of the Opisthorchiidae
- To identify snail and fish intermediate hosts of *Opisthorchis* spp. in the region



Questions?

