

Assessment of population diversity of *Toxoplasma gondii* in human, animal and environment in Ethiopia: a One Health investigation



Team: Tadesse Kebede, Lisa Cavalerie, Dinka Ayana, Daniel Asrat, Steve Paterson, Dereje Negussie, Siobhan Mor

Objectives:

1. To evaluate the prevalence of IgG antibodies against *T. gondii*
 - a. in women and their livestock in Butajira,
 - b. in self-presenting ocular toxoplasmosis patients presenting at Menelik hospital
2. To isolate and genotype *T. gondii* strains from human, animal (livestock and cats) and environmental samples
3. To identify the role of oocysts in transmission pathways of infection to both human and animals

