



Call for Fellowships Afrique One-ASPIRE

TTP4: Foodborne Diseases and Nutritional Illnesses

TTP4 aims to address the nutritional patterns in transitional landscapes and their impact on food-related diseases by studying the epidemiological links between infectious diseases and selected/related non-communicable diseases of livestock dependent populations. It covers the following aspects:

- Animal-source food value chains – livelihood of livestock dependent populations
- Consumption patterns – true foodborne disease (FBD) burden and risk of infection – non-communicable disease (NCD) analysis and opportunities
- Socioeconomic cost-effective design of interventions

Ref: [TTP4-Food-MSc4](#)

Project Title: Socio-ecology of bush meat consumption and zoonoses in the Serengeti ecosystem and the value chain outside of Serengeti

Enrolment: The MSc fellow will be enrolled at the NM-AIST or SUA, Tanzania or EISMV, Senegal

Project Description: Bush meat consumption is widespread in most communities surrounding protected areas in Sub-Saharan Africa. In most cases, bush meat is obtained and sold in informal or illegal settings. Owing to the fact that the majority of bush meat is obtained and sold outside the formal markets, there is a potential risk for community infection with zoonoses as bush meat is not subjected to ante mortem or post mortem inspection. Foodborne zoonoses are taking a massive toll in the world's poorest communities in Sub-Saharan Africa. According to the WHO, neglected zoonoses affect majority of poor and marginalized people worldwide every year. Generally, poverty and food insecurity are the main determinants of endemic and emerging zoonotic diseases. This project aims to collate information on the role of bush meat consumption on community livelihoods and transmission of zoonotic diseases. Specifically, the project will determine what people produce, process and

eat, the socio-cultural motives for wildlife hunting, the bush meat food chain, risks of bush meat consumption and how health and conservation risks can be reduced.

Mentorship Team: Bassirou Bonfoh, Inza Koné, Gilbert Fokou and Karim Ouattara (CSRS); Esther Schelling (Swiss TPH); Joram Buza (NM-AIST); Julius Keyyu (TAWIRI) and Sarah Cleaveland (UoG).

Qualifications: The candidate must be a citizen of an African country. Candidates from any discipline contributing to One health (e.g. public health, veterinary and animal sciences, biological sciences, epidemiology or health economics). Candidates with an MSc Master's degree in a relevant field are preferred.

Duration and Training: The MSc fellowship is funded for a maximum for 2 years. Training will be provided primarily in Tanzania, with further opportunities within the Afrique One-ASPIRE consortium and with supervisory partners in the UK or elsewhere depending on the need and budgetary considerations.

For more information, contact the co-leads:

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