RESEARCH

(a) Completed

1. **Occurrence of equine metabolic syndrome, clinical manifestations, and associated risk factors in Nigeria (Publication 2).**
   This study was carried out to determine the occurrence of equine metabolic syndrome as well as the clinical manifestations and risk factors associated with the condition in the northern part of Nigeria.
2. **Comparative analysis of clinical, haematological and serum biochemical profiles in polo horses and their sedentary counterparts (Publication 19).**
   This study was carried out to determine if there is a significant difference between the clinical, haematological, and serum biochemical profiles of polo horses and sedentary horses. The study aimed to investigate the long-term effect of exercise on the physiological parameters of horses.

(b) In Progress

1. **Mite eggs in equine faeces: an incidental finding with first molecular evidence of *Chorioptes bovis* and *Psoroptes ovis* in Nigerian horses**
   This study was carried out to determine the faecal parasites in horses. However, we incidentally found mites (which are not found in faeces) in the faeces. These mites were then molecularly characterised. The study started in December 2025 (This study is 90% completed).