LIST OF COMPLETED AND CURRENT RESEARCH

(a) Completed

(i) Vincristine and *Tridax procumbens* have comparable effect on the haematology, serum biochemistry, oxidant-antioxidant system, and bone marrow cells of experimental rat model.

(ii) Knowledge of Veterinarians on animal cancer in Nigeria'. A self-funded national preliminary study to provide data on knowledge of veterinarians in animal cancer in Nigeria.

(iii) Public awareness and education on cancer prevention strategies among rural dwellers of Kogi State, Nigeria.

(iv) Evaluating risk factors, socio-demographic factors, and health seeking behaviours affecting presentation of Limb Angiosarcoma in Nigeria.

(v) The role of *Spondias mombins, Tridax procumbens*, and other natural products on contaminants-induced toxicity in rats.

(vi) The effect of *Tridax procumbens* leaf extracts and fractions on liver and pancreatic cancer Cell lines.

(b) In progress

(i) Effects of *Tridax procumbens* on chemotherapy-induced hepatoxicity, neurotoxicity, reproductive organ toxicity, nephrotoxicity, pancreatic toxicity, and myelosuppression in male Wistar rats. The objective of this study is to assess the effect of Cisplatin and *Tridax procumbens*, singly and in combination on the haematological, biochemical, oxidant-antioxidant system, genotoxicity, as well as histological examination and immunostaining of targeted tissues. The significance of the study lies in its potential to provide insights into the role of natural compounds in mitigating Cisplatin side effects on the liver, kidney, brain, pancreas and bone marrow; contributing to the development of novel and holistic approaches in oncology care. If successful, the findings could lead to the integration of *Tridax procumbens* as a complementary therapeutic strategy, ultimately improving the treatment experience and quality of life of humans and animals undergoing chemotherapy. The research is 60 per cent completed.