

Research Areas of Professor A. O. Adegoke – Department of Pharmaceutical Chemistry

My thematic areas of research are as listed below:

1. Applications of Chemical Derivatization Technology for the spectrophotometric determination of pharmaceuticals
2. Genotoxicity assessment of anthropogenic substances
3. Synthesis and applications of novel azo dyes and Schiff bases as colorimetric chemosensors for heavy metals and inorganic anions
4. Azo dye synthesis, Properties and Structure-Spectra relationships
5. Applications of biosynthesized nanoparticles for analysis of pharmaceuticals and environmental pollutants
6. Isolation, characterisation and evaluation of natural products through bio-assay guided fractionation and spectroscopic characterisations