

ADOMEH SAMSON JESUWAME

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PROFILE

Pharmacology, Therapeutics, and Toxicology graduate (Second Class Upper Honours) with hands-on expertise in computational drug discovery (cheminformatics), structured research data analysis, and PRISMA-compliant evidence synthesis. Proven technical experience handling automated screening pipelines (ADMET/toxicity profiling) and conducting biostatistical analysis using SPSS and PSPP. Backed by structured exposure to Quality Assurance workflows and Good Manufacturing Practice (GMP) standards within a pharmaceutical manufacturing environment.

TECHNICAL SKILLS & COMPETENCIES

- **Computational Chemistry & CADD:** Molecular docking setups and energy evaluations (AutoDock Vina), high-resolution molecular visualization (PyMOL, Avogadro), and cheminformatics data processing (RDKit, Open Babel).
- **Toxicology & Safety Profiling:** In-silico acute oral toxicity and toxicophore analysis (ProTox 3.0) and automated drug-likeness/ADMET evaluations (SwissADME).
- **Biostatistics & Data Management:** Data cleaning, coding, sample size calculations, descriptive/inferential hypothesis testing, and scientific figure/table design using SPSS, PSPP, and Microsoft Excel.
- **Research Synthesis:** Protocol-driven literature screening, duplicate resolution, and data extraction adhering strictly to PRISMA systematic review standards.
- **Quality & Operations:** Adherence to Good Manufacturing Practice (GMP) protocols, material reconciliation, standard operating procedures (SOPs), and quality assurance metrics.

CONTRACT RESEARCH & DATA ANALYSIS EXPERIENCE

Independent Data Analyst & Research Consultant | 2025 – Present

Remote / Freelance Support

- Executed end-to-end statistical data pipelines in SPSS and PSPP for multi-disciplinary undergraduate research projects, covering data cleaning, test selection, and output visualization.
- Managed PRISMA-compliant systematic review charting workflows, ensuring flawless record deduplication and cross-draft data reconciliation.
- Formatted, restructured, and edited complex technical research reports and scientific manuscripts in Microsoft Word to meet strict compliance and publication standards.
- Developed simple Python scripts utilizing specialized libraries to clean, manipulate, and collate non-standardized tabular research datasets.

PHARMACEUTICAL INDUSTRY EXPERIENCE

Pharmaceutical Industry Attachment (QA & Dispensing Unit) | 2025 – 2026

Pharmatex Industrial Limited — Lagos, Nigeria

- Completed a rigorous two-semester graded manufacturing attachment focused on commercial solid-dosage production pipelines and quality assurance workflows.

- Maintained strict contamination-prevention and material reconciliation protocols during active pharmaceutical ingredient (API) and excipient dispensing operations.
- Assisted with and observed standard quality control metrics including tablet friability, hardness, dissolution, sieve analysis, and UV-Vis spectroscopy testing.
- Reviewed and supported internal Quality Assurance documentation workflows including SOP updates, CAPA tracking, and batch-release review processes.

Community Pharmacy – Operations & Sales Support | 2019 – 2022

Badagry, Lagos State, Nigeria

- Managed inventory systems using FIFO/FEFO principles to optimize stock handling and minimize item expiry rates.

RESEARCH EXPERIENCE

Undergraduate Dissertation | 2025 – 2026

"In Silico Evaluation of Phytochemicals from Selected Nigerian Medicinal Plants as Potential Hepatoprotective Agents Against Drug-Induced Liver Injury." Department of Pharmacology, Therapeutics and Toxicology, LASUCOM. Supervisor: Dr. Sunday O. Ogundele, MBBS, M.Sc., FMCP.

- Carried out toxicity (ProTox-3.0) and ADMET/drug-likeness (SwissADME) profiling of candidate compounds
- Retrieved and processed structural data from PubChem and RCSB PDB under a documented protocol, from data retrieval through to final reporting, using molecular-modelling tools (AutoDock Vina, PyMOL, RDKit)

Systematic Review and Statistical Support | 2025 – 2026

- Managed PRISMA-compliant systematic review documentation, including deduplication and multi-revision reconciliation
- Performed statistical analysis in SPSS (sample-size calculation, test selection, data cleaning and visualisation) for multiple research projects, and edited scientific manuscripts for clarity and compliance with review standards

EDUCATION

B.Sc. Pharmacology, Therapeutics and Toxicology | 2022 – 2026

Lagos State University College of Medicine (LASUCOM), Ikeja, Nigeria

- **Honours:** Second Class Upper Division (CGPA: 3.84 / 5.00)
- **Awards:** Recipient of the competitive merit-based Stanbic IBTC University Scholarship (2022 – 2026).

LEADERSHIP

Member, Independent Electoral Committee, Lagos State University Pharmacology Students' Association (LASUPSA) | 2024/2025. Helped organise and oversee transparent student association elections.

LANGUAGES

English (proficient) | Yoruba (native)

REFERENCES

Dr. Sunday O. Ogundele, MBBS, M.Sc., FMCP: Dissertation Supervisor, Department of Pharmacology, Therapeutics and Toxicology, LASUCOM. soogundele@hotmail.com Additional references available on request.