# CURRICULUM VITAE

**OYELAKIN, Abiodun Sunday, Ph.D.**
**Senior Lecturer | Botany, Genetics & Plant Systematics**
**Department of Pure and Applied Botany, College of Biosciences**
**Federal University of Agriculture, Abeokuta (FUNAAB), Ogun State, Nigeria**
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**Nationality:** Nigerian | **Place of Origin:** Fiditi, Oyo State

## ACADEMIC PROFILE

Senior Lecturer and researcher in Botany with expertise in plant genetics, cytology and cytogenetics, plant systematics, genetic diversity, molecular characterization, DNA barcoding, and genetic improvement of underutilized crops. Research interests focus on characterization and utilization of indigenous plant genetic resources, crop biodiversity and systematics using morphological and molecular approaches.

## EDUCATION

**Ph.D. Botany (Cytology & Cytogenetics), Distinction** — Federal University of Agriculture, Abeokuta, 2018.
**M.Sc. Botany (Cytology & Cytogenetics), Distinction** — University of Agriculture, Abeokuta, 2009.
**B.Sc. Biological Sciences (Botany), Second Class Upper Division** — University of Agriculture, Abeokuta, 2003.

## ACADEMIC APPOINTMENTS

**Senior Lecturer**, FUNAAB — 2023–Present
**Lecturer I**, FUNAAB — 2020–2023
**Lecturer II**, FUNAAB — 2017–2020
**Assistant Lecturer**, FUNAAB — 2014–2017
**Part-Time Lecturer**, Ekiti State University Sandwich Degree Programme — 2008–2012

## RESEARCH AREAS

Plant genetics • Cytology & cytogenetics • Plant systematics • Genetic diversity • DNA barcoding • SSR markers • Molecular taxonomy • Phylogenetics • Underutilized crops • Plant genetic resources • Biodiversity conservation • Crop improvement

## RESEARCH GRANTS

**TETFund Institutional-Based Research Grant**, **Assessing and broadening the genetic diversity of pepper** *(Capsicum spp.)* through exploration and characterization of landraces in Southwest Nigeria - 2018–2022.

**TETFund Institutional-Based Research Grant**, Yield promotion of pepper *(Capsicum spp.)* using drip irrigation with biodegradable film mulch for dry-season planting — 2018–2022.

**TETFund Academic Staff Training & Development Grant**, Ph.D. bench work at the Institute of Vegetable & Flowers, Chinese Academy of Sciences (CAAS), Beijing, China — 2014/2015.

## UNIVERSITY LEADERSHIP & SERVICE

**Current**
Deputy Director, Centre for Entrepreneurial Studies (CENTS) — 2026 to date

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| Member, University Senate — | 2026 to date |
| Chairman, NUC Accreditation Departmental Committee — | 2026 to date |
| Postgraduate Coordinator, Department of Pure and Applied Botany — | 2025 to date |
| 100-Level Adviser, Department of Pure and Applied Botany — | 2025 to date |
| COLBIOS Representative, College of Computing — | 2025 to date |
| Course Coordinator, BOT 202, BO 212, BOT 301, BOT 331 & BOT 411 — | 2024 to date |
| Member, COLBIOS Postgraduate Committee Board — | 2019 to date |
| Member, College of Biosciences Board — | 2015 to date |
| Member, Committee on Examination Results (COCER) — | 2015 to date |

**Previous**

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| Ag. Head of Department, Pure and Applied Botany — | 2023–2025 |
| Member, University Senate — | 2023–2025 |
| COLBIOS Representative, University Admission Committee — | 2023–2025 |
| Coordinator, Department of Pure and Applied Botany — | 2020–2023 |
| Examination Officer, Department of Pure and Applied Botany — | 2014–2020 |
| Seminar Coordinator — | 2015–2018 |
| Secretary, Pure and Applied Botany Departmental Board — | 2014–2018 |

## SELECTED RESEARCH PUBLICATIONS

**Oyelakin, A. S.,** Popoola, J. O., Offor, A. G., Shobowale, O. A., Kasumu, E. O., Olajide, T. J., Ogunsina, B. S, Babalola, F. O. and Akinyemi, O. F. (2026). Dataset of the Genetic Diversity and Phylogenetic Relationships of *Irvingia wombolu* and *Irvingia gabonensis* using rbcL Markers. *Data in Brief*, 67, 113057. **Scopus-indexed.**

Akinyemi, O. F., Obiwole, E. T., Bamigboye, T. O., Fawibe, O. O. & Oyelakin, A. S. (2026). DNA barcoding-based assessment of genetic variation in selected Southwest Nigerian medicinal *Senna* species. *Advances in Horticultural Science*, 40(1), 47–60. **Scopus-indexed.**

Fawibe, O. O., Lawal, B. R., Mustafa, A. A., **Oyelakin, A. S**., Akinyemi, O. F., Bankole, A. O., Poku, S. A., Boudou, F. and Das, D. (2025). Molecular docking and pharmacokinetic studies of bioactive compounds from medicinal plants against *Mycobacterium tuberculosis*. *In Silico Pharmacology*, 13, 179. **Scopus-indexed.**

Popoola, J. O., Eruemulor, D. I., Aworunse, O. S., **Oyelakin, A. S.,** Ojuedrie, O. B., Omotayo, O. E., Obisesan, I. and Olaoluwa, F. (2025). Genetic variability and phylogenetic relationships of African yam bean (*Sphenostylis stenocarpa*) using the rbcL marker. *Academia Biology*, 3(2), 1–15. **Scopus-indexed.**

**Oyelakin, A. S.,** Popoola, J. O., Babalola, F. O., Obisesan, I. A., Omotayo, O., Oluwatuyi, V. O., Sobayo, A. and OlaOluwa, F. (2024). Dataset on matK-based intra- and inter-specific genetic relationships among four *Solanum* species from Southwest Nigeria. *Data in Brief*, 56, 110815. **Scopus-indexed.**

**Oyelakin, A. S.,** Olabiyi, O. C., Olabiyi, D. O., Kehinde, I. A. and Babalola, F. O. (2024). Identification and Genetic Diversity of *Solanum lycopersicum* Germplasms in Ibadan Metropolis, Nigeria. *Journal of Agricultural Science and Environment*, 24(1), 28–40.

**Oyelakin, A. S.,** Popoola, J. O., Babalola, F. O., Bamiro, T. A., Oladapo, G., Oluwatuyi, V. O., Oke, O. F. and Sobayo, A. (2024). Dataset on intra-specific genetic diversity and phylogenetic relationship of *Launaea taraxacifolia* using rbcL gene marker. *Data in Brief*, 54, 110531. **Scopus-indexed.**

**Oyelakin A. S.,** Ossai, S. I., Fawibe, O. O., Akinyemi, O. F., Obiwole, E. T., Ogeyingbo, J. and Obaba, C**.** (2024). Sequence analysis of selected *Amaranthus* species using the rbcL gene. *Bulgarian Journal of Crop Science*, 61(2), 96–103.

Oyelakin, A. S., Olabiyi, D. O., Amaogu, C. C. & Olabisi, A. O. (2021). Morphological characterization of accessions of pepper (*Capsicum annuum* and *Capsicum frutescens*) cultivated in Nigeria. *Feddes Repertorium*, 132(4), 346–363. **Scopus-indexed.**

Oyelakin, A. S., Olabiyi, D. O., Wang, L., Cao, Y. & Idehen, E. O. (2019). Genetic diversity of *Capsicum* accessions from Southwest Nigeria using SSR markers. *Pertanika Journal of Tropical Agricultural Science*, 42(4), 1273–1288. **Scopus-indexed.**

**Publication record:** 40 peer-reviewed journal articles, including publications in Scopus- and PubMed-indexed journals.

**BOOK**
Kehinde, I. A., Oyelakin, A. S. & Fawibe, O. O. (2025). *Fundamentals of Botany for Degree Students*. TETFund-sponsored edited textbook, CentrePrint, Abeokuta.

**PROFESSIONAL MEMBERSHIPS**
Botanical Society of Nigeria (BOSON)
Genetic Society of Nigeria (GSN)
International Horticultural Institute
Science Association of Nigeria (SAN) — Council Member, 2021–2023

**SELECTED CONFERENCES & PRESENTATIONS**
12th International Biotechnology Conference, Exhibition & Workshop, Covenant University 2026
International Conference & Research Showcase on Science, Technology & Innovation, Covenant University — 2024
3rd Biennial Biosciences Conference, FUNAAB — 2024
Capacity Building Workshop on African Biodiversity Conservation and Traditional Medicine — 2023.
10th International Biotechnology Conference, Exhibition & Workshop, Covenant University — 2022.
2nd Biennial Biosciences Conference, FUNAAB — 2019
23rd Annual Conference, Botanical Society of Nigeria, University of Lagos — 2015

**PROFESSIONAL DEVELOPMENT**
Selected training includes
Technology Training-of-Trainers (TOT), NUC/TETFund, 2026; Transformative University Administration, 2025; Technology Transfer and Commercialization, TETFund, 2024; University Ethics, Pedagogy & Examination Matters, 2021; TETFund/ICDL, 2021; Research Grants Sourcing & Proposal Writing, 2018; Climate Change & Sustainable Environment, 2018; Modern Teaching & Learning in Higher Education, 2016; and Advanced Digital Appreciation Programme, 2015.

**AWARD / COMMENDATION**
**Commendation for Dynamism in Coordinating the Department of Pure and Applied Botany**, Federal University of Agriculture, Abeokuta — 2023.

**PERSONAL INTERESTS**
Reading | Football