

# **CURRICULUM VITAE OF PROF. LAWRENCE OLUBUKUNADE ADEBAJO**

**Dept. of Microbiology, Faculty of Science,  
Olabisi Onabanjo University. P.M.B. 2002, Ago-Iwoye,  
Ogun State, Nigeria.**

**E-mail: [adebajo.lawrence@oouagoiwoye.edu.ng](mailto:adebajo.lawrence@oouagoiwoye.edu.ng) , [lawadebajo59@gmail.com](mailto:lawadebajo59@gmail.com)**

**Tel: 08033661616, 08057985799**

## **A. PERSONAL DATA**

- 1. NAME: ADEBAJO, Lawrence Olubukunade**
- 2. SPECIALISATION: Mycology/Food Microbiology**
- 3. DATE OF BIRTH: 26<sup>th</sup> November, 1956**
- 4. PLACE OF BIRTH: Ijebu-Ode, Ogun State.**
- 5. NATIONALITY: Nigerian**
- 6. MARITAL STATUS: Married**
- 7. NO OF CHILDREN: Three**
- 8. NAME & ADDRESS OF SPOUSE: Mrs. Seun Adebajo, Campus  
Avenue, Ilaporu-Ijebu, Ogun State.**
- 9. NAME & ADDRESS OF NEXT OF KIN: Same as in No 8 above**
- 10. DATE OF FIRST APPOINTMENT WITH THE UNIVERSITY:  
(Olabisi Onabanjo University): 6<sup>th</sup> December, 1985**
- 11. STATUS ON FIRST APPOINTMENT: Assistant Lecturer**
- 12. PRESENT POSITION: Professor**

13. **DATE OF LAST PROMOTION: 1<sup>st</sup> October, 2003**
14. **DATE OF CONFIRMATION OF APPOINTMENT: 6<sup>th</sup> December, 1987**
15. **TOTAL NUMBER OF YEARS OF UNIVERSITY TEACHING AND RESEARCH EXPERIENCE: 33 years**

**B. ACADEMIC QUALIFICATIONS/INSTITUTIONS/DATES OF AWARD**

1. **Ph.D (Microbiology) University of Ibadan, Nigeria. (1988)**
2. **M.Sc. Botany (Microbiology) University of Ibadan, Nigeria. (1982)**
3. **B.Sc. Botany (Second Class Lower Division) University of Ibadan (1978)**
4. **Higher School Certificate, Adeola Odutola College, Ijebu-Ode, Nigeria (1975)**
5. **West African School Certificate; Adeola Odutola College, Ijebu-Ode, Nigeria (1973)**

**C. WORK EXPERIENCE**

1. *Teaching:* Govt. Secondary School, Shendam Plateau State, Nigeria (1978-1979)
2. *Teaching:* Ijebu-Ode Grammar School, Ijebu-Ode, Ogun State Nigeria (1979-1981)
3. *Lecturing & Research:* Ogun State College of Education, (now Tai Solarin College of Education), Ijebu-Ode, Ogun State, Nigeria. (1983-1985)
4. *Lecturing & Research:* Microbiology Unit, Biological Sciences Dept. (now Department of Microbiology, (Olabisi Onabanjo University, Ago-Iwoye, Ogun State, Nigeria (1985 – Present)

**D. DETAILS OF TEACHING EXPERIENCE AT OLABISI ONABANJO UNIVESITY**

**COURSES TAUGHT**

**Undergraduate**

MCB 201: General Microbiology I	3 units (x 0.5)
MCB 305: Mycology	3 units (x 0.5)
MCB 306: Microbial Physiology and Metabolism	3 units (x 0.5)
MCB 309: Food Microbiology	3 units (x 0.5)
MCB 399: Industrial Attachment	3 units (x 1.0)
MCB 401: Seminar in Microbiology and Biotechnology	2 units (x 1.0)
MCB 404: Analytical Microbiology and Quality Control	3 units (x 0.5)
MCB 490: Research Project in Microbiology	6 units (x 1.0)

**Postgraduate**

BIO 805: Research Seminars	2 units (x 1.0)
MCB 810: Current Trends in Environmental Microbiology	3 units (x 1.0)
MCB 811: Advanced Industrial/Petroleum Microbiology	3 units (1.0)
MCB 899: Research Project	6 units (x1.0)
MCB 903: Advanced Industrial Microbiology	3 units (x 1.0)
MCB 904: Petroleum Microbiology	3 units (x 1.0)

### **Undergraduate (B.Sc.) Research Project Supervision**

Already completed 588 (B.Sc)

In progress 26 (B.Sc.)

### **Postgraduate Research Project (Dissertations/Theses) Supervision**

**M.Sc. Programme** **No of candidates**

Already completed 11

In progress 05

**M.Phil/ Ph.D Programme** **No of candidates**

In progress 04

### **E. RESPONSIBILITIES AND ADMINISTRATIVE EXPERIENCE**

Seminar/Research Project Coordinator, Biological Sciences

Department 1986-1989

Examination Officer, Biological Sciences Department 1990-1994

Faculty of Science Representative on Board of Agric Sciences 1992-1995

Chairman, Biological Sciences Department, Laboratory Committee 1996-1998

Head, Microbiology Unit 1997-2004

PG Coordinator, Biological Sciences Department 2000-2004

Head, Biological Sciences Department 2004

Head, Department of Microbiology	2004-2006
Chairman, OOU Commercial Transportation Venture	2005 to 2013
Member, The University Publications Committee	2006 to 2009
Head, Department of Microbiology	2010-2012
Chairman, Business Committee of Senate	2013 - 2014
PG, Coordinator, Microbiology Department	2012 - 2017

**F. MEMBERSHIP OF LEARNED SOCIETIES/CONTRIBUTIONS**

Member, Science Association of Nigeria

Member, Nigeria Society for Microbiology

Member, Botanical Society of Nigeria

Member, Association of Industrial Microbiologists of Nigeria

External Examiner, Biology Programme, Tai Solarin College of Education, Ijebu-Ode,  
Ogun State (1998-2000)

External Examiner, Microbiology/Biotechnology Programme, Babcock University,  
Ilishan Remo (2012 - 2015)

External Examiner, Microbiology Programme, Crescent University, Abeokuta (2010 -  
2014)

**G. PUBLICATIONS**

**1.** Thesis/dissertation

- (a) **L.O. Adebajo**, (1988). Studies of toxigenic and zoopathogenic fungi associated with the spoilage of Nigerian poultry feeds Ph.D , University of Ibadan , Ibadan
- (b) **L. O. Adebajo**, (1982). Studies of some fungi associated with he spoilage of some locally cultivated grains in Southwestern Nigeria. M.Sc. Dissertation, Faculty of Science, University of Ibadan, Ibadan.

## 2. **Published Journal Articles**

- (i) V. W. Ogundero, and **L. O. Adebajo**, (1987). Polysaccharide degrading enzmes of a toxigenic strain of *Aspergillus clavatus* from Nigerian poultry feeds. *Die Nahrung* **31**:993-1000.
- (ii) **L. O. Adebajo**, (1992). Spoilage moulds and deterioration of the Nigerian groundnut cake snacks under three storage methods. *Die Nahrung* **36**:221-227.
- (iii) **L. O. Adebajo**, (1992). Spoilage moulds and aflatoxins from poultry feeds. *Die Nahrung* **36**:523-529.
- (iv) V. W. Ogundero, and **L. O. Adebajo**, (1992). The effects of selected herbicides on the survival in soil of the fungal pathogens of *Sorghum guineense* Nigeria *J. of Botany* **5**:15-18.
- (v) **L. O. Adebajo**, (1993). The microbial spoilage of soft melon ball snack under tropical conditions. *Die Nahrung* **37**:328-335
- (vi) S. A. Bankole, and **L. O. Adebajo**, (1993). Effect of relative humidity during storage on the shelf life of Nigerian groundnut cake snacks. *Die Nahrung* **37**:177-178.

- (vii) **L. O. Adebajo**, (1993). Microbial counts and invert sugars in juice extract from storage tubers of *Cyperus esculentus* Linn. (earth almond) *Die Nahrung* **37**:607-612.
- (viii) **L. O. Adebajo**, and O. O. Adesanya, (1993). Effect of time temperature and humidity on biodeterioration of corn cake snack. *Die Nahrung* **37**:613-618.
- (ix) **L. O. Adebajo**, (1993). Survey of Aflatoxins and ochatoxin A in stored tubers of *Cyperus esculentus* L. *Mycopathologia* **124**:41-46.
- (x) **L. O. Adebajo**, and O. O. Oyesiku. (1994). Investigation on the toxicity of fungi from rootstock snacks. *Die Nahrung* **38**:26-31.
- (xi) **L. O. Adebajo**, O. A. Bamgbelu, and R. A Olowu,. (1994). Mould contamination and influence of water activity and temperature on mycotoxin production by two aspergilli in melon seed. *Die Nahrung* **38**:209-217.
- (xii) **L. O. Adebajo**, and A. A. Idowu (1994). Mycoflora and aflatoxins in a West African corn-groundnut based convenience food. *Mycopathologia* **126**:21-26.
- (xiii) **L. O. Adebajo**, (1994). Isolation and assay for the toxicity of fungi from kolanuts. *Chem. Mikrobiol. Technol. Lebensm.* **16**:25-28.
- (xiv) S. A. Diyaolu, and **L. O. Adebajo** (1994). Effect of sodium chloride and relative humidity on growth and sporulation of moulds isolated from cured fish. *Die Nahrung* **38**:311-317.
- (xv) **L. O. Adebajo**, A. A. Idowu and O. O. Adesanya, (1994). Mycoflora, and mycotoxins production in Nigerian corn and corn-based snacks. *Mycopathologia* **126**:183-192.

- (xvi) **L. O. Adebajo**, (1996). Mould flora of tiger nut and detection of aflatoxin production by selected strains of *Aspergillus flavus* and *A. parasiticus*. *Bioscience Res.Com.* **8**:29-33.
- (xvii) **L. O. Adebajo**, (2000). Fungal infection and aflatoxin production in kolanuts. *Crop Res.* **20**(3): 469-475.
- (xviii) **L. O. Adebajo**, and S. A. Diyaolu, (2003). Mycology and spoilage of retail cashew nuts. *African J. Biotech.* **2**(10): 369-373.
- (xix) **L. O. Adebajo**, and O. J. Popoola, (2003). Mycoflora and mycotoxins in kolanuts during storage. *African J. Biotech.* **2**(10): 365-368.
- (xx) **L. O. Adebajo**, and O. H. Akinola, (2006). Mycoflora and mould counts in retail samples of dried calyces of *Hibiscus sabdariffa* L. *African J. of Pure and Applied Sciences* **1**(1): 34-38.
- (xxi) E. E. Itoandon, S. O. A. Olatope, F. A. Orji, O. Morenike, K. A. Shittu and **L. O. Adebajo** (2011) studies on production and activities of amylase, cellulase and pectinase enzymes of *Bacillus* and *Aspergillus* species from stale fast foods. *Nigerian Journal of Agriculture, Food and Environment.* **7**(4): 81-91
- (xxii) E. C. Odozie and **L. O. Adebajo** (2012). Comparative evaluation of the microbial isolates of snailery soil and unimpacted soil. *Journal of Sustainable Environmental Management* **4**: 85-89
- (xxiii) A. A. Akeredolu, and **L. O. Adebajo**, (2013). Microflora of three dehydrated vegetables. *Br. Microbiol. Res. J.* **3**: 295-308



- (xxiv) S. K. Odetunde, **L. O. Adebajo**, A. K. Lawal and E. E. Itoandon (2014). Investigate into the Microbiological and Chemical Characteristics of Cassava Flour in Nigeria, *Global Advanced Research Journal of Microbiology* **3**(3): 031- 040
- (xxv) E. E. Itoandon, S. A. Bankole, **L. O. Adebajo**, K. Lawal and G. Mayank (2016), Effects of substrate inducers on crude cellulose expression in *Aspergillus niger*. *Journal of Environment Science Toxicology and Food Technology* **10**: 81-87

### 3. **SOME MAJOR LEARNED CONFERENCES ATENDED AND PAPERS PRESENTED**

- (i) The 35<sup>th</sup> Annual Conference of the Science Association of Nigeria, University of Agriculture, Abeokuta June 4-8, 1995.

#### **Papers Presented**

- a. Mycoflora of tiger nut and detection of aflatoxin production by selected strains of *Aspergillus flavus* and *A. parasiticus*. (**L. O. Adebajo**)
- b. Microbiological quality assessment of some fruit juice drinks recently introduced on the Nigeria market. (**L. O. Adebajo**, and A. O. Saliu,)
- (ii) The 11<sup>th</sup> Annual Conference of the Horticultural Society of Nigeria, Ogun State University, Ago Iwoye, April, 1-4 1996.
- (iii) The 36<sup>th</sup> Annual Conference of the Science association of Nigeria, Delta State University, Abraka, April 7-11, 1997.

#### **Paper Presented**

Influence of domestic storage containers on mould and aflatoxin contamination of water melon seed. (**L. O. Adebajo,**)

- (vi) The 38<sup>th</sup> Annual Conference of the Science Association of Nigeria, Ogun State University, Ago-Iwoye, December 10-14, 2000.

### **Paper Presented**

Mycoflora and mycotoxins in kolanuts during storage, (**L. O. Adebajo,** and O. J. Popoola,)

- (v) The 29<sup>th</sup> Annual Conference and General Meeting of the Nigerian Society for Microbiology, University of Agriculture, Abeokuta, Ogun State, November 6<sup>th</sup> – 10<sup>th</sup> 2005.

### **Paper presented**

Enzymatic activities of the principal microorganisms recovered from stale yam porridge (**L. O. Adebajo,** and O. H. Akintola,)

- (vi) 1<sup>st</sup> National Conference in Bioscience and Sustainable, organization by the Department of Biological Science, Crescent University, Abeokuta, Ogun State, Nigeria. 15<sup>th</sup> – 17<sup>th</sup>, May, 2017. Participate as the 1<sup>st</sup> Plenary Speaker, Topic; Biotechnology for Sustainable Development.
- (vii) 1<sup>st</sup> International Conference of Faculty of Science, Olabisi Onabanjo University, Ago-Iwoye 15<sup>th</sup> – 19<sup>th</sup> May, 2017

## H. RESEARCH INTEREST

### a. Completed

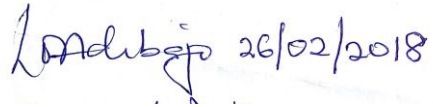
(i) Microflora of the main spices in Nigeria and the screening for their enzymatic activities

(ii) Recovery of microorganisms from retail fruit salads and the evaluation of individual isolates for antibiotic production

### b. In Progress

Comparative studies on the performance of recently formulated media for the recovery of yeasts and osmophilic moulds in food and feed.

Prof. L.O Adebajo

 26/02/2018

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**Name**

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**Signature / Date**