

DR. LATEEF, Adebola Azeez

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Google Scholar: <https://scholar.google.com/citations?user=xWtRxyMAAAAJ&hl=en>

A. Teaching and Research Area:

Plant Pathology, Mycology, Molecular Biology and Fungal Biotechnology & Molecular Bio-Systematics.

B. University Education

- | | |
|---|------------------|
| a. Universiti Malaysia Sarawak, Malaysia | 2013-2016 |
| b. Federal University of Technology, Minna, Nigeria | 2007-2012 |

C. Academic Qualifications and Diplomas

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| i. Doctor of Philosophy (Ph. D.) in Mycology
Universiti Malaysia Sarawak | 2016 |
| ii. Bachelor of Technology (B. Tech.) Biological Sciences (First Class Honours)
Federal University of Technology, Minna, Nigeria | 2012 |

D. Scholarships and Prizes

1. Most Outstanding Student of the Year in the Department Of Biological Sciences
2008, 2009, 2010 & 2011.

2. Most Outstanding Student in School Of Science and Science Education 2008, 2009, 2010 & 2011.
3. Dean's List of Most Outstanding Students 2008, 2009, 2010 & 2011.
4. Best Graduating Student in Department Of Biological Sciences 2011.
5. Best Graduating Student in School Of Science and Science Education 2011.
6. Best Overall Graduating Student, Federal University of Technology, Minna 2011.

E. Experience since Basic Qualifications

- a. **Lecturer** , Department of Plant Biology, Faculty of Life Science

University of Ilorin, Nigeria. 2013-2019

- b. **Research Student**, Department of Biological Sciences

Federal University of Technology, Minna, Nigeria 2010-2013

- c. **National Service** in the Department of Biological Sciences

Federal University of Technology, Minna, Nigeria 2012-2013

F. MAJOR RESEARCH FOCUS AND COMMISSIONED PROJECTS

-Fungal Biology and pathogenesis

Fungal Biodiversity, Community Structure, their relationships and Environmental Diversity (Fungal Ecology & Molecular Biology).

-Molecular Phylogenetics & Bioinformatics

-Metagenomic studies of soil fungal communities using Next Generation sequencing (NGS)

-Metabolites production & Natural Products from Fungi.

- (i) Completed

-Diversity and Distribution of Microfungi on leaves of different plants.

-Biodiversity of Fungi in Nigeria and their environmental applications.

-Isolation & identification of Fungi from various substrates.

-Weed diversity in various plantations

-Metagenomic studies of soil microbial communities

-Molecular analysis of different gene regions of some plant species.

G. SELECTED PUBLICATIONS

JOURNAL ARTICLES

- 1) **Lateef, A. A.**, Garuba, T., Sa'ad, G. A., Olesin, M., Eperetun, G. G. and Tihamiyu, B. B. (2019). Isolation and Molecular Identification of Fungal endophytes from Green leaves of Physic nut (*Jatropha curcas*) from Unilorin Plantation, Ilorin, Nigeria. *Sri Lankan Journal of Biology*, **4:1**. (SCOPUS INDEXED)

- 2) Nalin N Wijayawardene, Julia Pawłowska, Peter M Letcher, Paul M Kirk, Richard A Humber, Arthur Schüßler, Marta Wrzosek, Anna Muszewska, Alicja Okrasińska **et al.** (2018). Notes for genera: basal clades of Fungi (including Aphelidiomycota, Basidiobolomycota, Blastocladiomycota, Calcarisporiellomycota, Caulochytriomycota, Chytridiomycota, Entomophthoromycota, Glomeromycota, Kickxellomycota, Monoblepharomycota, Mortierellomycota, Mucoromycota, Neocallimastigomycota, Olpidiomycota, Rozellomycota and Zoopagomycota). *Fungal Diversity*, 92 (1): 43-129. <https://doi.org/10.1007/s13225-018-0409-5>. Published by Springer Netherlands.
ISI/SCOPUS Indexed (Q1)

- 3) **Lateef A. A.**, Sepiah, M. and Bolhassan, M. H. (2018). Molecular Identification and Diversity of *Pestalotiopsis*, *Neopestalotiopsis* and *Pseudopestalotiopsis* Species from Four Host Plants in Sarawak, Borneo Island (Malaysia). *Journal of Science and Technology* 10 (1). <http://penerbit.uthm.edu.my/ojs/index.php/JST/article/view/1867>
Malaysian Citation Centre (MCC) Indexed.

- 4) Garuba, T., Sabiu, S., **Lateef, A.**, Adekanmbi, A. T., and Adekanmbi, M. K. (2018). In vitro cytotoxicity and antioxidant activity of *Pestalotiopsis microspora* culture filtrate. *Malaysian Journal of Applied Sciences*, 3 (1), 24-33.
<https://journal.unisza.edu.my/mvjas/index.php/mvjas/article/view/86>. **Malaysian Citation Centre (MCC) Indexed.**

- 5) Garuba, T., Azeez, J., Bello, M., and **Lateef, A.** (2018). Isolation and Physiological Studies of Fungi Associated with Post-Harvest Diseases of Selected Solanaceous Fruits in Ilorin Markets, Nigeria. *Cameroon Journal of Biological and Biochemical Sciences*,

Volume 26, January 2018, 1-6. <http://camjournal-s.org/2018/01/22/isolation-and-physiological-studies-of-fungi-associated-with-post-harvest-diseases-of-selected-solanaceous-fruits-in-ilorin-markets-nigeria/>

- 6) Wijayawardene, N. N., Hyde, K. D., Rajeshkumar, K. C. et al. (2017). Notes for genera: Ascomycota. *Fungal Diversity*, 86 (1): 1-594. <https://doi.org/10.1007/s13225-017-0386-0>. Published by Springer Netherlands. **ISI/SCOPUS Indexed (Q1)**
- 7) **Lateef A. A.**, Sepiah, M. and Bolhassan, M. H. (2016). Nutrient and Physiological Requirements for Biomass Production of *Pestalotiopsis* sp. UMAS P14 and *Pseudopestalotiopsis* sp. UMAS P2005/2592. *Borneo Journal of Resource Science and Technology*, 6(2): 35-42. Available online at <http://publisher.unimas.my/ojs/index.php/BJRST/article/view/342>.
- 8) **Lateef A. A.**, Sepiah, M. and Bolhassan, M. H. (2016). Diversity and Distribution of Microfungi from Dipterocarp Forests in Sarawak, Borneo Island (Malaysia). *Malaysian Journal of Science*, 35 (2): 271- 284. Available online at mjs.um.edu.my/filebank/published_article/10937/. **ISI/SCOPUS Indexed (Q4)**
- 9) **Lateef A. A.**, Sepiah, M. and Bolhassan, M. H. (2016). Identification of Volatile Secondary metabolites from an Endophytic microfungus *Aspergillus nomius* KUB105 by GC-MS and FT-IR. *Malaysian Journal of Analytical Sciences*, 20 (4): 751-759. Published by the Malaysian Analytical Sciences Society. Available online at www.ukm.my/mjas/new_mjas/. **ISI/SCOPUS Indexed (Q4)**
- 10) **Lateef, A. A.**, Sepiah, M. and Bolhassan, M. H. (2015). Microfungi on Leaves of *Licuala bidentata* (Arecaceae) from Sarawak, Malaysia. *Makara Journal of Science*, 19 (4). Published by Univesity of Indonesia. Available online at www.journal.ui.ac.id/index.php/science. Doi 10.7454/mss.v19i4.5170. **Thomson Reuters Indexed.**
- 11) **Lateef, A. A.**, Sepiah, M., Bolhassan M. H. (2015). Description of *Pseudopestalotiopsis kubahensis* sp. nov., a new species of microfungi from Kubah National Park, Sarawak, Malaysia. *Current Research in Environmental & Applied Mycology*, 5(4): 376–381.

Published by Center of Excellence in Fungal Research, Mae Fah Luang University, Thailand. Available online at www.creamjournal.org. Doi 10.5943/cream/5/4/8. **ISI/SCOPUS Indexed (Q3)**

- 12) **Lateef, A. A.**, Sepiah M, Bolhassan MH, Wan Zamir M. (2015). Microfungal diversity on leaves of *Eusideroxylon zwageri*, a threatened plant species in Sarawak, Northern Borneo. *Biodiversitas*, 16, 264-268. Published by Sebelas Maret University Surakarta, Indonesia. Available online at www.biodiversitas.mipa.uns.ac.id Doi: 10.13057/biodiv/d160222. **ISI/SCOPUS Indexed (Q4)**
- 13) Olahan, G. S., Garuba, T., Adeyemi, S. B., **Lateef, A. A.** and Olahan, S. A. (2014). Microorganisms associated with some selected leafy vegetables sold in some markets in Ilorin, Kwara State. *Biological and Environmental Sciences Journal for the Tropics*, 11(3):345-349.
- 14) Busari, M. B., Ogbadoyi, E. O., Daudu, O. A. Y., Animashahun, I. M., Yusuf, L. and **Lateef, A. A.** (2013). Effect of natural and combined fungi fermentation on phytate, tannin and some mineral contents of corn cobs. *International Journal Of Applied Biological Research*, 5 (1). Published by Department of Biological Science, Federal University of Technology, Minna, Nigeria. Available online at http://www.ijabr.org/current_edition.php.
- 15) Suberu, H. A., **Lateef, A. A.**, Bello, I. M. and Daudu, O. A. Y. (2013). Mycelial biomass production of the medicinal mushroom (*Ganoderma lucidum*) by submerged culture. *Nigerian Journal of Technological Research*, 8(2). Published by Federal University of Technology, Minna, Nigeria. Available online at www.njtr.org. **Impact Factor 1.54**
- 16) Abubakar, A., Suberu, H. A., Bello, I. M., Abdulkadir, R., Daudu, O. A. and **Lateef, A. A.** (2013). Effect of pH on mycelial growth and sporulation of *Aspergillus parasiticus*. *Journal of Plant Sciences*, 1(4): 64-67. Published by Academic journals. Available online at www.scialert.net Doi: 10.11648/j.jps.20130104.13. **ISI/SCOPUS Indexed (Q4)**
- 17) Falusi, O. A., Liman, M. M., **Lateef, A. A.**, Adamu, G. A., Daudu, Y. O. and Abejide, D. R. (2013). Effects of fast neutron irradiation on yield parameters of two Nigerian Sesame

cultivars. *Academia Journal of Biotechnology*, 1(7): 105-108. Published by Academia Publishing. Available online at <http://www.academiapublishing.org/ajb>. **Impact Factor 0.327**

- 18) Muhammad, L. M., Falusi, O. A., Daudu, O. A. Y., Gado, A. A., **Lateef, A. A.**, and Yahaya, S. A. (2013). Radiation induced polygenic mutation in two common Nigerian Sesame (*Sesamum indicum*) Cultivars. *International Journal of Biotechnology and Food Science*, 1(2): 23-28. Published by Science Web Publishing. Available online at <http://www.sciencewebpublishing.net/ijbfs/archive/2013/August/pdf/Muhammed%20et%20al.pdf>.
- 19) Abejide, D., Falusi, O. A., Daudu, O. A. Y., Muhammad, L. M., and **Lateef, A. A.** (2013). Assessment of pollen viability and germinability in three varieties of Sesamum (*Sesamum indicum*). *International Journal of Applied Biological Research*, 5 (1). Published by Department of Biological Science, Federal University of Technology, Minna, Nigeria. Available online at http://www.ijabr.org/current_edition.php.

EDITED CONFERENCE PROCEEDINGS

1. **Lateef A. A.**, Sepiah, M. and Bolhassan, M. H. (2015). Taxonomic Description of New Records of Microfungi From Kubah & Gunung Gading National Parks In Sarawak. *Proceedings of the Taxonomy and Ecology Conference (TEC), Kuching, Sarawak.*
2. **Lateef A. A.**, Sepiah, M. and Bolhassan, M. H. (2015). Physiological Studies On Mycelial Biomass Growth Of *Cunninghamella* sp. (Zygomycetes) From Sarawak, Malaysia. *Conference Proceedings of the International Congress Of The Malaysian Society For Microbiology 2015; Microbiology Meeting the Needs of A Changing World, 7-10 December 2015, Bayview Beach Resort Penang, Malaysia.*
3. **Lateef A. A.**, Sepiah, M. and Bolhassan, M. H. (2014). Microfungi On Green Leaves And Leaf Litters From Santubong National Park, Sarawak. *Proceedings of the International Conference on Beneficial Microbes (ICOBM) 2014 : Microbes for the Benefits of Mankind*, pg 130-133, May 27-29, 2014, Penang, Malaysia ISBN 978-967-394-186-5.

H. MAJOR CONFERENCES ATTENDED WITH PAPERS READ

1. **Lateef A. A.**, Sepiah, M. and Bolhassan, M. H. (2015). Physiological Studies On Mycelial Biomass Growth Of *Cunninghamella* sp. (Zygomycetes) From Sarawak, Malaysia. *Conference Proceedings of the International Congress Of The Malaysian Society For Microbiology 2015; Microbiology Meeting the Needs of A Changing World, 7-10 December 2015, Bayview Beach Resort Penang, Malaysia.*
2. **Lateef A. A.**, Sepiah, M. and Bolhassan, M. H. (2014). Microfungi on Green Leaves And Leaf Litters From Santubong National Park, Sarawak. *Proceedings of the International Conference on Beneficial Microbes (ICOBM) 2014 : Microbes for the Benefits of Mankind*, pg 130-133, May 27-29, 2014, Penang, Malaysia ISBN 978 -967-394-186-5.
3. Evans C.E., Busari M. B., Animasahun I.M., **Lateef A.A.**, Daudu, O.A.Y. (2014). Sensory and nutritional qualities of ogi fortified with soybeans. *NSMB Annual Conference of University Of Ilorin, Nigeria.*
4. **Lateef A. A.**, Sepiah, M. and Bolhassan, M. H. (2014). Microfungi Diversity In Sarawak: A Precious Raw Material For A Bio-Economy presented at the **BioBorneo 2014 Conference** “Sustaining the Bioeconomy Community”, at Universiti Malaysia Sarawak.
5. Suberu, H. A., **Lateef, A. A.** and Daudu, O. A. Y. (2013). Mycelial Biomass Production of the medicinal mushroom (*Ganoderma lucidum*) by submerged culture, presented at the **13th Annual Conference of Nigerian Society of Experimental Biology**, Ilorin, Kwara State. March 5th- 8th, 2013.
6. Abubakar, A., Suberu, H. A., Bello, I. M., Abdulkadir, R., Daudu, O. A. and **Lateef, A. A.** (2013). Effect Of pH on Mycelial Growth and Sporulation of *Aspergillus parasiticus* . 22nd Annual Conference of the Botanical Society of Nigeria, Bosen, Nsukka, 2013.
7. Adeyemi, S. B, **Lateef, A. A.** (2013). The Antibacterial Activity of the Leaf and Stem Bark Extract of *Eucalyptus citriodora* (Hook), 22nd Annual Conference of the Botanical Society of Nigeria, Bosen, Nsukka 2013.

8. Adeyemi, S. B, **Lateef, A. A.** (2013). Phytochemical Composition and Antibacterial Activity of *Anthocliesta vogelii* (Planch) and *Tinospora cordifolia* on *Escherichia coli* and *Pseudomonas aeruginosa*. 22nd Annual Conference of the Botanical Society of Nigeria, Boson, Nsukka 2013.

I. UNDERGRADUATE AND POSTGRADUATE TEACHING AND SUPERVISION UNDERGRADUATE COURSES TAUGHT

PLB 407- Plant Pathology

PLB 416- Plant Virology

PLB 301- Practical Techniques in botany

PLB 302- Plant Taxonomy

PLB 303- Plant Anatomy

PLB 306- Principles of Plant Pathology

PLB 201- Introduction to Genetics

PLB 202- Characteristics and Systematic of Seedless Plants

PLB 101- Cell biology

PLB 108- Plant Forms and Functions

UNDEGRADUATE RESEARCH SUPERVISION

38 Students supervised till date

POSTGRADUATE COURSES TAUGHT

ZLY 804- Bio-Informatics

PLB 815- Advanced Techniques in Plant Pathology

PLB 805- Biochemical Processes of Fungal Pathogens

PPB 711- Wood Science