**CURRICULUM VITAE FOR PROF. ABIODUN O. OGUNDAINI**

1. **Personal Data**

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| 1. | Full Name: | Abiodun Oguntuga Ogundaini |
| 2. | Date of Birth: | 1st January 1956 |
| 3. | Contact Details:1. Physical Address:
2. E-mail Address(es):
3. Mobile Phone:
 | Faculty of Pharmacy, Obafemi Awolowo University, Ile-Ife, Osun State.aogundai@oauife.edu.ng, aogundai@yahoo.com +234 8037200182 |
| 4. | Nationality: | Nigerian |
| 5. | State of Origin: | Ogun State |
| 6. | Senatorial District: | Ogun East |
| 7. | Local Government Area: | Ijebu East |
| 8. | Permanent Home Address: | Idokunnusi Quarters, Ijebu-Imusin, Ogun State |
| 9. | Marital Status: | Married |
| 10. | Number of Children and their Ages: | Oluwaseun Ogundaini (36 yr)Oluwamayowa Ogundaini (33 yr)Tinuade Ogundaini (30 yr) |
| 11. | Next of Kin: | Mrs. Dorothy O. Ogundaini |
| 12. | Contact Details of Next of Kin:1. Physical Address:
2. E-mail Address(es):
3. Mobile Phone:
 | Road 9A, House A8, OAU Senior Staff Quarters, Obafemi Awolowo University, Ile-Ife.dotdaini@yahoo.co.uk +234 8034017501 |
| 13. | Date of Assumption of Duty: | 4th October 1976 |
| 14. | Rank/Status on First Appointment: | Graduate Assistant |
| 15. | Present Status: | Professor |
| 16. | Date of Last Promotion: | October 1, 1997 |
| 17. | Present Salary, Grade Level and Step: | CONUASS 7, Step 10 |
| 18. | Date of Confirmation of Appointment: | 26th February 1987 |
| 19. | Faculty/Directorate: | Faculty of Pharmacy |
| 20. | Department/Unit: | Pharmaceutical Chemistry |

1. **Educational Background**

1. Higher Educational Institutions Attended with Dates:

 University of Ife, Ile-Ife; Sept. 1972 - June 1976

 University of Ife, Ile-Ife; Sept. 1977 - Sept. 1980

 University of Bath; Sept. 1980 - June 1983

2. Academic & Professional Qualifications:

 Bachelor of Pharmacy (Ife), 1st Class Honours, 1976

 Master of Philosophy (Pharmaceutical Chemistry), 1980

 Doctor of Philosophy, Bath 1983

 Registered Pharmacist 1977.

3. Other Distinctions & Awards with Dates

(a). Tutu Prize for the best student in Part II, B. Pharm. (1975)

(b). CIBA Prize for the best student in Part II, B. Pharm. (1975)

(c). Best overall student in the Final B. Pharm. Degree (1976)

(d). George Iketubosin Prize for the best student in Pharmaceutical Chemistry (1976)

(e). Janssen Prize for the best Research student in the School of Pharmacy & Pharmacology, Bath University (1981/1982 session)

(f). Commonwealth Scholarship, 1980 - 1983

(g). International Science Programs Fellowship August 1990- July 1991; Sept.1992- Dec. 1992, October - November, 1996, Sweden.

**(C) Work Experience with Dates**

**1. Previous Work Experience Outside the University**

(a). Abeokuta State Hospital, Abeokuta, Ogun State - Internee Pharmacist (July 1976 - Sept 1976)

(b). Park Lane Hospital, Enugu, Anambra State - NYSC Pharmacist (Aug. 1977 - July 1978)

**2. Previous Work in other Universities:**

(a). University of Ibadan, Oyo State – Sabbatical Leave (2006-2007)

(b). Olabisi Onabanjo University, Ago-Iwoye – Sabbatical Leave (2014-2015)

**3. Work Experience in the University:**

(a). Graduate Assistant, 1976 - 1980

(b). Lecturer II, 1980 - 1983

(c). Lecturer I, 1983 - 1987

(d). Senior Lecturer, 1987 to 1994.

(e). Reader, 1994 to 1997

(f). Professor, 1997 to date

**4. Courses Taught within the Current Academic Session**

PHC 202 - Pharmaceutical Organic Chemistry (20 lectures)

PHC 402 - Medicinal Chemistry II (5 lectures)

PHC 501 - Principles of Drug Development and Design (5 lectures)

PHC 508 - Pharmaceutical Analysis and Drug Quality Control (8 lectures)

PHC 601 - Chemistry of Natural Drug Products and Newer Synthetic Drugs (12 lectures)

**5. Graduate Student Supervision:**

(i) Mr. E. O. Okafor, - "Phytochemical Investigations into the extractives of *Periploca nigrescens* ( Afzel) " - M.Sc. (1986)

(ii) Miss O. E. Izedonmwen, (co-supervisor - Dr. J. A. Owa) "Chromatographic Analysis of Naphthalene Metabolites in Urine of Jaundiced Nigerian Neonates" - M. Sc. (1988)

(iii) Mr. O. Idowu, Bioactivity-guided fractionation of *Acalypha hispida* Burm. - M. Sc. (1996)

(iv) Mr. J. C. Ibewuike, (co-supervisor - Dr. F. O. Ogungbamila): Bioactivity guided isolation of the constituents of the leaves of *Piliostigma thonningii* (Schum) - Ph.D. (1997).

1. Miss Dupe Dere – “Simultaneous determination of the Constituents of Co-trimoxazole preparations using Difference Spectroscopy and Non-aqueous titration” M. Sc. (1999)
2. Mr. Rilwan Adewumi – “Bioactivity-directed Fractionation of the Constituents of the Fruit of *Ficus vogelii* (Miq) Miq (Moraceae)” – M. Sc. (1999).
3. Mr. A. O. Adeloye - Bioactivity guided fractionation of *Alchornea laxiflora* (Benth) leaf extract - M. Sc. (2001).
4. Mr. J. O. Soyinka - Isolation and characterisation of antibacterial compounds from *Dissotis rotundiflora* (Sm) Triana. - M. Sc. (2003).
5. Mr. M. A. Aderogba - Phytochemical and bioactivity studies of the extract of the leaves of *Piliostigma reticulatum* (DC) Hochst. – Ph.D. (2003).
6. Mr. B. J. Taiwo - Isolation and characterisation of the active constituents of *Ficus exasperata* (Vahl-Holl) leaves. - M. Sc. (2004).
7. Mr. O. Idowu, Bioactivity-guided fractionation of the seeds of *Chrysophyllum albidum* G. Don-Holl - M. Phil. (2004).
8. Mr. Jide Faleye - Phytochemical and bioactivity studies of the extract of the leaves of *Aspilia africana* (DC) Hochst. – Ph.D. (2009).
9. Mr. O. Idowu, Isolation and characterisation of antioxidant compounds in *Ixora coccinea* leaves and *Chrysophyllum albidum* G. Don-Holl stem bark – Ph. D. (2010).

(xiv). Mr. B. J. Taiwo, Isolation and characterisation of radical scavenging compounds from the aerial parts of *Solenostemon monostachys* (P. Beauv) Briq and whole parts of *Synedrella nodiflora* (L) Gaertn. – Ph. D. (2011).

(xv). Mr. A. M. Yusuf (Ph. D.), Isolation and characterization of bioactive compounds from *Bombax buonopozense* P. Beauv. – Ph. D. (2021).

1. **Membership of Professional Bodies:**

(a) Fellow, Pharmaceutical Society of Nigeria.

(b) Fellow, National Academy of Pharmacy

(c). Member, Nigerian Association of Academic Pharmacists

(d) Chartered Chemist and Member, Royal Society of Chemistry (UK)

(e) Member, Institute of Public Analysts of Nigeria

**E. Publications**

1. *Thesis/Dissertation:*

(a). "Investigations into the extractive of *C. macrocarpum*" (M. Phil. Thesis, 1980)

(b) "The Stereochemistry and Medicinal Chemistry of 3- substituted 6, 7 - Benzomorphans" (Ph.D. Thesis, 1983)

2*. Books/Monographs:*

(i). A. A. Olaniyi, S. K. Ayim, A. O. Ogundaini, T. A. Olugbade **Essential Inorganic and Organic Pharmaceutical Chemistry** - First Edition, *Shaneson C. I. Ltd.*, Ibadan, (1993) ISBN 978 240 026

(ii) F. O. Ogungbamila, A. O. Ogundaini (Eds.) **Traditional Healing Methods in the Control and Treatment of Infectious Diseases**, APG, Ife, 1995 ISBN 978-33329-0-6

(iii) Ajibola A. Olaniyi (Ed) **Principles of Drug Quality Assurance and Pharmaceutical Analysis**, *Mosuro Publishers*, Ibadan, (2000) ISBN 978-32306-9-7

(iv) A. O. Ogundaini “**From Greens into Medicine: Taking a Lead from Nature”**, Inaugural Lecture Series, 176, Obafemi Awolowo University Press, Ile-Ife (2005) ISSN 01890-7845.

3*. Published Articles:*

1. AF. Casy, AO. Ogundaini and RT. Parfitt (1982); Stereochemical Studies of substituted 6, 7- benzomorphan derivatives by 13C and 1H nmr spectroscopy. *Org. Mag. Reson.* **4**, 254 – 259.
2. AO. Ogundaini and RT. Parfitt (1983), Cyanation - to Nitrogen in 1, 2, 3, 4, 5, 6 - hexahydro-3, 4, 6-trimethyl-2, 6- methano- 3-benzazocine; *J. Chem. Research* (S), 135 (1983) *J. Chem. Research* (M), 1351-1359.
3. AO. Ogundaini, JAO. Ojewole and W. Yisak (1983); Preliminary Phytochemical studies on *Combretodendron. macrocarpum*, *J.* *Ethnopharmacol*. **9**, 337-345 (1983)
4. AO. Ogundaini and RT. Parfitt (1985); Synthesis, Stereochemistry and Analgesic Activity of 4- mono and 4,4- disubstituted 1,2,3,4,5,6-hexahydro-2,6-methano-3-benzacocines J *Med. Chem.* **8**, 177-181.
5. AO. Ogundaini and EO. Okafor (1987); Isorhoifolin a flavanoid glycoside from *Periploca nigrescens* leaves. *Planta Medica* **53**, 391.
6. OA. Afolabi, EA. Oyewo, SEA. Torimiro, BA.Osuntogun, AO. Ogundaini and SO. Talabi (1988); Chemical and Toxicological Evaluation of extracts of fermented red Acalypha, *A. wilkesiana*- Tea adjunct? *Food Science and Nutrition* **42F,** 133 – 139.
7. A. Lamikanra, AO. Ogundaini and FO. Ogungbamila (1990); Antibacterial constituents of *Alchornea cordifolia* leaves, *Phytotherapy Research* **4 (5)**, 198-200.
8. AO. Ogundaini, FO. Ogungbamila and TA. Olugbade (1991); Volatile oil from the seed of *Monodora myristica* (Dunal) *Journal of West African Pharmacy* **5**, 25-26.
9. OE. Izedonmwen, AO. Ogundaini, FO. Ogungbamila and JA. Owa (1991) A new High Performance Liquid Chromatographic Method for simultaneous determination of 1-and 2- naphthols in urine. *Ind. J. Pharm. Sci.*, **53**, 240 – 242.
10. JA. Owa, OE. Izedonmwen, AO. Ogundaini and FO. Ogungbamila (1993); Quantitative Analysis of naphthol in urine of Nigeria Neonates Exposed to mothballs: The value in Infants with unexplained anaemia - *Afr. J. Med. med Sci*., **22**, 71 – 76.
11. AO. Ogundaini, M. Farah, P. Perera, G. Samuelsson, and L. Bohlin (1996); Isolation of two new anti-inflammatory biflavanoids from *Sarcophyte piriei* - *J. Nat. Prod*., **59**, 587 – 590.
12. JC. Ibewuike, AO. Ogundaini, FO. Ogungbamila, M. Martin, J. Gallard, L. Bohlin and M. Pais (1996); Piliostigmin, a new 2-phenoxychromone, and C-methylflavonols from *Piliostigma thonningii* - *Phytochemistry* 43, 687-690.
13. OO. Bolaji, CO. Onyeji, AO. Ogundaini, TA. Olugbade, and FA. Ogunbona (1996); Pharmacokinetics and bioavailabilty of drotaverine in humans. *Eur. J Drug Metab. Pharmacokinet.* **21**(3), 217-221.
14. JC. Ibewuike, FO. Ogungbamila, AO. Ogundaini, IN. Okeke and L. Bohlin (1997); Anti-inflammatory and Antibacterial Activities of C-methyl flavonoids from *Piliostigma thonningii* - *Phytotherapy Research* **11**(4), 281-284.
15. JC. Ibewuike, AO. Ogundaini, L. Bohlin and FO. Ogungbamila (1997); Screening of Selected Nigerian medicinal plants for anti-inflammatory activity Nigerian *Journal of Natural Product and Medicine*. **1** (1), 10-14.
16. MT. Martin, M. Pais, AO. Ogundaini, JC. Ibewuike and FO. Ogungbamila (1997); Complete 1H and 13C NMR assignment of a Kaurane Diterpene from *Piliostigma thonningii*, *Magn. Resonance in Chemistry.* **35**, 896-898.
17. IN. Okeke, AO. Ogundaini, FO. Ogungbamila (Late) and A. Lamikanra (1999); Antimicrobial Spectrum of *Alchornea cordifolia* Leaf Extract, *Phytotherapy Research* **13** (1), 67-69.
18. OB. Fajana, FV. Alofe, GO. Onawunmi, AO. Ogundaini and TA. Olugbade (1999); Antimicrobial Studies on Nigerian higher fungi. *Nig. J. Nat. Prod. and Med*. **3**, 64-65.
19. Ogundaini A (1999); Antimicrobial Agents from Some Nigerian Plants*.* *Nig J Nat Prod and Med*, **3**, 26-27.
20. TA Olugbade, AO Ogundaini, N. Birlirakis, M. Païs and MT Martins (2000); Petersaponins III and IV, triterpenoid saponins from *Petersianthus macrocarpus* (formerly *Combretodendron macrocarpum*) – *J. Nat. Prod.* **63** (5), 716-719.
21. SK. Adesina, O. Idowu, AO. Ogundaini, H. Oladimeji, TA. Olugbade , GO. Onawunmi and M. Païs (2000), Antimicrobial Constituents of the Leaves of *Acalypha wilkesiana* and *Acalypha hispida, Phytotherapy Research.* **14** (5), 371-374.

23 DA Sogbaike, AO Ogundaini and SA Adesanya (2002); The effect of some synthesized stilbene analogues on *Artemisia salina* nauplii and germinationof *Sorghum bicolor*seeds**.** - *Nig. J. Nat. Prod. and Med*. **6**, 19-25.

24. OA Oyelami, O. Onayemi, FA Oladimeji, AO Ogundaini, TA Olugbade, and GO Onawunmi (2003); Clinical evaluation of *Acalypha* ointment in the treatment of superficial fungal skin diseases. *Phytotherapy Research* **17**, 555-557.

25 Amos S, Akah PA, Binda L, Enwerem NM, Ogundaini A, Wambebe C, Hussaini IM, Gamaniel KS (2003); Hypotensive activity of the ethanol extract of *Pavetta cras*si*pes* leaves*, Biol Pharm Bull*. **26**(12): 1674-80.

26 Idowu TB, Onawunmi GO, Ogundaini AO and Adesanya SA (2003) Antimicrobial constituents of *Chrysophyllum albidum* seed cotyledons. *Nig. J. Nat. Prod. And Med*. **7** 33-36.

1. Aderogba MA, Okoh EK, Ogundaini AO and Abegaz BM (2003); 6-C-methylquercetin-3,3',4'-trimethyl ether from leaves of *Piliostigma reticulatum* - *Nig. J. Nat. Prod. and Med*. **7**, 37-38.
2. Adeloye AO, Aderogba MA, Idowu TO, Obuotor EM and Ogundaini AO (2005); Investigation of the antioxidant activity of *Alchornea laxiflora* (Benth) and its constituents *Journal of Food Technology* **3**(3), 365-369.
3. Shittu OB, Alofe VF, Onawunmi GO, Ogundaini AO and Olugbade TA (2005); Mycelial growth and antibacterial metabolite production by wild mushrooms, *African Journal of Biomedical Research* **8**(3), 157-162.
4. TO Idowu, EO Iwalewa, MA Aderogba, BA Akinpelu and AO Ogundaini (2006); Biochemical and behavioural effects of eleagnine from *Chysophyllum albidum*, *J. Biol. Sci* **6**(6), 1029-1034.
5. OB Shittu, FV Alofe, GO Onawunmi, AO Ogundaini and TA Olugbade (2006); Bioautographic evaluation of antimicrobial metabolite production by wild mushrooms, *African Journal of Biomedical Research* **9**(1), 57-62.
6. Aderogba MA, Okoh EK, Okeke IN, Olajide AO, and Ogundaini AO (2006); Antimicrobial and anti-inflammatory effects of *Piliostigma reticulatum* leaf extract – *International Journal of Pharmacology* **2**(1), 70-74.
7. Aderogba MA, Ogundaini AO and Eloff JN (2006); Isolation of two flavonoids from *Bauhinia monandra* (Kurz) leaves and their antioxidative effects - *Afr. J. Trad. CAM* **3 (4):** 59 – 65.

34. Taiwo BJ, Aderogba MA and Ogundaini AO (2006); Antioxidant lignans from the leaves of *Ficus exasperata.* *Nig. J. Nat. Prod. and Med.* **10** :111-113.

35. TO Idowu, EO Iwalewa, MA Aderogba, BA Akinpelu and AO Ogundaini (2006); Antinoceptive, anti-inflammatory and antioxidant activities of eleagnine: An alkaloid isolated from *Chyrsophyllum albidum* seed cotyledons, *J. Biol. Sci.* **6**(6), 1029-1034

36. MA Aderogba, LJ Mcgraw, AO Ogundaini and JN Eloff (2007); Antioxidant activity and cytotoxicity study of the flavonol glycosides from *Bauhinia galpinii.* [*Natural Product Research*](http://www.informaworld.com/smpp/title~content%3Dt713398545~db%3Dall), [**21**](http://www.informaworld.com/smpp/title~content%3Dt713398545~db%3Dall~tab%3Dissueslist~branches%3D21#v21), ([7](http://www.informaworld.com/smpp/title~content%3Dg779729965~db%3Dall)) 591 – 599.

1. MA. Aderogba, LJ Mcgraw, AO Ogundaini and JN. Eloff (2008); Cytotoxicity study of antioxidant flavonoids from *Bauhinia tomentosa* leaf extract*.* [*Nig.*](http://www.informaworld.com/smpp/title~content%3Dt713398545~db%3Dall) *J. Nat. Prod. And Med.*, [**12**](http://www.informaworld.com/smpp/title~content%3Dt713398545~db%3Dall~tab%3Dissueslist~branches%3D21#v21), 50-54.
2. Soyinka JO, Oguntade TO, Onawunmi GO, Idowu TO and Ogundaini, AO (2009); Antioxidant and antimicrobial constituents of *Dissotis erecta* and *Dissotis rotundifolia*. *Nigerian Journal of Pharmaceutical Research* **7**(1), 136-147.
3. TO Idowu, AO Ogundaini, AO Salau, EM Obuotor, M Bezabih and BM Abegaz (2010). Doubly linked, A-type proanthocyanidin trimer and other constituents of *Ixora coccinea* leaves and their antioxidant and antibacterial properties *Phytochemistry* **71**, 2092-2098.
4. F Ntie-Kang., P Amoa Onguene´., GW. Fotso, K Andrae-Marobela, M Bezabih, JC Ndom, BT Ngadjui, AO Ogundaini, BM Abegaz and Luc Mbaze Meva’a (2014); Virtualizing the *p*-ANAPL Library: A Step towards Drug Discovery from African Medicinal Plants, *PLOS ONE* 9(3): e90655. doi: 10.1371/journal.pone.0090655.
5. I Tietjen, F Ntie-Kang, P Mwimanzi, P Amoa Onguéné, MA Scull, TO Idowu, AO Ogundaini, Luc Mbaze Meva’a, BM Abegaz, CM Rice, K Andrae-Marobela, MA Brockman, ZL Brumme, and D Fedida (2015), Screening of the Pan-African Natural Product Library Identifies Ixoratannin A-2 and Boldine as Novel HIV-1 Inhibitors, *PLoS ONE* 10(4): e0121099. doi:10.1371/ journal pone.0121099.
6. Taiwo BJ, Obuotor EM, Onawunmi GO. and Ogundaini AO (2015); Radical scavenging compounds from the aerial parts of *Solenostemon monostachyus* Briq. (Lamiaceae**).** *African Journal of Alternative and Complementary Medicine* (AJTCAM) **12**(6), 140-144.
7. SBL Makanjuola, D Dosumu, L Ajunoma, AO Ogundaini and O Okubena (2016). Newly isolated compounds from West African Sorghum bicolor leaf sheaths Jobelyn® show potential in cancer immunosurveillance. *J Cancer Res. Ther*. **4**(4), 31-37.
8. TO Idowu, AO Ogundaini, SA Adesanya, GO Onawunmi, MO Osungunna, EM Obuotor and BM Abegaz (2016). Isolation and characterization of chemical constituents from *Chyrsophyllum albidum* G. Don-Holl. Stem bark extracts and their antioxidant and antibacterial properties. *African Journal of Alternative and Complementary Medicine* (AJTCAM) **13**(5), 182-189.
9. EO Medu, TO Idowu, AO Oyedele, SA Adesanya, AO Ogundaini and GO Onawunmi (2016). Antimicrobial activity of eleagnine isolated from the seed cotyledons of *Chyrsophyllum albidum*. *Nigerian Journal of Natural Products and Med*icine 20, 27-34.
10. TA Olugbade, MI Kolipha-Kamara, CA Elusiyan, GO Onawunmi and AO Ogundaini (2017). Essential chemotypes of three Ocimum species found in Sierra-Leone and Nigeria. *Medicinal and Aromatic Plants* **6**(2), 1-6.
11. Taiwo BJ, Fisusi FA and Ogundaini AO (2017). Isolation of two ionosides from *Corchorus olitorious* L. (Tiliaceae). *Nigerian Journal of Natural Product and Medicine* 21 (1), 86-89
12. Makanjuola SBL, Ogundaini AO, Ajonuma LC and Dosunmu A (2018). Apigenin and apigeninidin isolates from the *Sorghum bicolor* leaf targets inflammation via COX-2 and PGE2 Blockade, *International Journal of Rheumatic Diseases* **21**(8), 1487-1495 (doi: 10.1111/1756-185X.13355).
13. CA Elusiyan, O. Ayoade, AO Adeloye, FO Olorunmola, JM Agbedahunsi and AO Ogundaini (2018). Polymerisation Inhibitory and Radical scavenging compounds from the whole plant of *Mitracarpus villosus* (Sw.) DC. Cham, *European Journal of Medicinal Plants* **24**(4), 1-10.
14. Daniyan MO, Shobo AA, Olayiwola G, Idowu TO, Ogundaini AO and Adesanya SA (2019) Toxicity evaluation of the extract and fraction of *Chrysophyllum albidum* seed cotyledons in rats. *SOJ Pharmacy & Pharmaceutical Sciences*, 6(1) 1-11. doi: 10.15226/2374-6866/6/1/00194.
15. Olubiyi OO, Thomas TO, Ogundaini AO and G. Orhuah (2020). Computational prospecting for pharmacological mechanism of activity: HIV-1 inhibition by Ixoratannin-A2. *Current Computer-Aided Drug Design*, 16, 376-388

*4. Manuscripts Accepted for Publication* -NIL

*5. Manuscripts Submitted for Publication*

1. TO Idowu, SA Odediran, AO Ogundaini, SA Adesanya (2022). A new indole alkaloid and anti-malarial activity of the stem bark of *Chrysophyllum albidum*.

*6. Technical Reports*

(i) F. A. Ogunbona, F. O. Ogungbamila, A. O. Ogundaini, G. O. Onawunmi, T. A. Olugbade and O. O. Bolaji; Analytical survey of brands of chloroquine dosage forms in North, East and Southern zones in Nigeria, March 1991 for May & Baker., Nigeria.

1. Abiodun Ogundaini. "Basic Test Programme in the Quality Control of Drugs and Drugs Products" *Towards Better Quality Assurance of Drugs and Foods, Proceedings of a National Workshop*. Ed. A. A. Olaniyi, Department of Pharmaceutical Chemistry, University of Ibadan, page 67 - 72, 1993.

**F. Conferences, Seminars and Workshops Attended with Dates:**

1. The Research Continuum in Natural Products Drug Discovery, May 12-14, 2009, Abuja – organised and sponsored by the National Institute for Health (NIH), USA.
2. 3rd WARIMA Annual Conference, University of Legon, Ghana, December 2009.
3. International Organisation for Research Management Societies (INORMS) Conference in Cape Town, South Africa on ‘Management for Impact: New Approaches to Research and Innovation Management’ 11th – 15th April 2010.
4. 4th WARIMA Annual Conference, Methodist University, Moronvia, Liberia November – December 2010.
5. CARTA-DELPHE Training for Senior Researchers, Nairobi, Kenya, 7th to 12th March, 2011.
6. 14th Natural Product Research for East and Central Africa (NAPRECA) Symposium in Nairobi from 8th to 12th August, 2011 – Poster by B. J. Taiwo who has just completed his Ph.D. degree on “The Radical Scavenging Activity of Flavonoids from *Solenostemon monostachys* (P.Beauv.) Briq (Lamiaceae)”.
7. Conference of Vice Chancellors, Deans of Science and Technology (COVIDSET 2011) in Johannesburg, South Africa under the auspices of ANSTI 21st November to 2nd December, 2011 where a paper titled “The Central Science Laboratory Experience at Obafemi Awolowo University” was presented.
8. 5th WARIMA Annual Conference, University of Sierra Leone, Moronvia, 27th November – 5th December 2011 where a presentation was made on the Central Science Laboratory titled “The Central Science Laboratory Experience at Obafemi Awolowo University.
9. The International Network of Research Management Societies (INORMS) Conference in Copenhagen, 13th to 16th May, 2012.
10. 5th West African Network of Natural Products Research Scientists (WANNPRES), 5th to 8th August, 2012 at the MicCom Golf Hotels & Resort, Ada, Osun State, Nigeria
11. Conference of the West African Research Management Association (WARIMA) meeting in OAU, Nigeria in December 2012.
12. Resource person at the 3-Day Workshop on Grantsmanship: Coaching Researchers to Write Successful Grant Proposals, 16-18 March 2014 organized by the Centre for Research and Development (CERAD), Federal University of Technology, Akure, Nigeria.
13. 6th West African Network of Natural Products Research Scientists (WANNPRES), 3rd to 7th August, 2014 at the Leisure Spring Hotels Ltd, Iwo/Ibadan Road, Osogbo, Osun State, Nigeria.
14. 75th FIP World Congress of Pharmacy and Pharmaceutical Sciences in Dusseldorf, Germany, 29th September to 3rd October 2015.
15. Resource person at the 3-Day Workshop on “Scientific Communication, Academic Publishing, Grantsmanship and Research Ethics”, 23-26 November 2016 at the Federal University, Gusau, Zamfara State, Nigeria.
16. 20th Annual Scientific Conference of Nigeria Association of Pharmacist in Academia (NAPA), 15th to 19th August, 2022 at the Faculty of Pharmacy, Obafemi Awolowo University, Ile-Ife, Osun State, Nigeria
17. **Current Research Activities:**

(i) Investigation into the antimicrobial/anti-inflammatory properties of some Nigerian medicinal plants with the view to isolating and characterising the active compounds, thus providing rational scientific basis for their use. The project is a multi-disciplinary one.

(ii) Synthesis of active natural compounds to confirm structure and for Structure-Activity-Relationship (SAR) studies.

**(H) Committee membership and Services**

*Services within Obafemi Awolowo University:*

(i) Representative of the Dean on the Committee for Overseas Relationship 1985/86, 1986/87, 1987/88, 1988/89 sessions.

(ii) Member, Faculty Review Panel 1984/85, 1985/86 and 1986/87 sessions and since 1997 to date.

(iii) Secretary, University of Ife Staff Club (1986)

(iv) Acting Head, Department of Pharmaceutical Chemistry 1991/92 and 1992/93 sessions.

(v) Representative of the Faculty on ARC and Board of Postgraduate College, 91/92, 92/93 and 93/94 sessions.

(vi) Deputy Hall Master, Fajuyi Hall, 91/92 and 92/93 sessions.

(vii) Deputy Hall Master, Awolowo Hall, 93/94 session.

(viii) Representative of the Dean on the Management Committee and Board of Centre for Energy and Research 92/93 93/94, and 95/96 sessions.

(ix) Member, Petrol Station Task Force, Sept. 1993 to 2001

(x) Chairman Faculty Postgraduate Committee 1993/94, 1995/96 and 1996/97 sessions.

1. Vice-Dean, Faculty of Pharmacy January 1998 to February 2000.
2. Dean, Faculty of Pharmacy August 2001 to July 2005.
3. Deputy Chairman, University Ceremonials Committee 2005 and 2006
4. Chairman, University Ceremonials Committee 2007 and 2008
5. Director, Central Science Laboratory, OAU, Ile-Ife August 2009 to 2013.
6. Member, University Governing Council, representing the Senate 2012-2013.
7. Executive Director, Central Office of Research, OAU, Jan 2017 to July 2018.

*Services Outside the University:*

(i) Drug Analyst of the Federal Ministry of Health as designated under the Food and Drugs Act, 1974.

(ii) Honorary Inspector for Pharmacist Council of Nigeria, Osun State 1995-1996

1. President, Osun State Cooperative Pharmacy (Coopharm.) 1995-1997.
2. Member, Education Committee of the National PSN, 1995 – 1997
3. Member, OAUTHC Joint Hospital Computer Project. 1993 to 1996.
4. Member, PCN Accreditation committee to University of Jos 2001 and University of Uyo 2004.
5. Participant, Pharmacy Curriculum Conference organized by the PCN, Sango-Otta, 2001
6. Delivered the Plenary Lecture at the National Conference of the National Association of Academic Pharmacists held at Shagamu, 2001 and Nnamdi Azikiwe University, Agulu, 2010.
7. Participant, Special Pharmacists Summit, organized by the PSN, May 2002.
8. Member, Pharmacists Council of Nigeria, PCN (consequently a member of the Dean’s and Education Committee of the Board (2001 – 2005)
9. Chairman, Establishment Committee, Obafemi Awolowo University Teaching Hospitals Complex (OAUTHC), August 2001 to 2004.
10. Member, Management Board, OAUTHC August 2001– 2004 (representing the Senate, Obafemi Awolowo University).
11. Member, Osun State Council of PSN (State Branch of PSN) 2001-2006
12. Member, Ogun State Transition Group on Health – 2003.
13. Chairman, NUC Accreditation Team to the several Faculties of Pharmacy such as University of Jos, Ahmadu Bello University, Zaria, Nnamdi Azikiwe University, Agulu, Madonna University, Elele and Igbinedion University, Okada.
14. Chairman, PCN Accreditation Team to the several Faculties of Pharmacy and recently Nnamdi Azikiwe University, Awka and Niger Delta University, Amasoma.
15. External Examiner to many Nigerian Universities.
16. External Examiner to the University of Sierra Leone, College of Medicine and Allied Health Sciences 2011 to 2014.
17. Chairman, Resource Verification Team of PCN to Lead City University, Ibadan and Afe Babalola University, Ado-Ekiti. (December 2021).

#### (I) GRANTS RECEIVED

(i) "Structure Activity Relationship studies of some Bibenzyl alcohols" -A. O. Ogundaini University Research Council Grant No. 1427CM (1990) - **N19,000.00**

(ii) "Bioactivity -guided studies on *Acalypha* species". - A. O. Ogundaini & others. Raw Materials Research and Development Council (1994). **N100,000.00**

(iii) International Foundation for Science Research Grant No. F/2021-1 (1992). "Isolation and structure elucidation of the anti-inflammatory compounds of *Laportea aestuans*" - A. O. Ogundaini **SEK 59,400.00**

(iv) International Program in the Chemical Sciences (IPICS), Uppsala University, Sweden. "Chemical and Biological investigation of Nigerian Medicinal plants used in traditional medicine".

**F. O. Ogungbamila (Coordinator) and others (I was a member of the group)**

(1991/1993) Grant SEK 298,214.00

(1993/1994) Grant SEK 230,000.00

(1994/1995) Grant SEK 200,000.00

(1995/1996) Grant SEK 255,000.00

(1996, 6m) Grant SEK 110,000.00

1. Grant SEK 300,000.00

##### A. O. Ogundaini (Coordinator) and others

1. Grant SEK 300,000.00
2. Grant SEK 300,000.00
3. Grant SEK 300,000.00
4. Grant SEK 300,000.00
5. Grant SEK 240,000.00
6. Grant SEK 230,000.00
7. Grant SEK 190,000.00

(v) "Screening and phytochemical evaluation of some Nigerian weeds for antimicrobial, anti-inflammatory and antioxidant activities" - **A. O. Ogundaini and others.** University Research Council Grant No. 11 813AET (2003). **N600,000.00**.

(vi) Optimization of the use of research equipment/facilities in the OAU Central Science Laboratory and addressing gender imbalance in the Sciences at OAU (2010 – 2012) Carnegie Cooperation of New York – **USD687,000** (Project Leader – **Prof. A. O. Ogundaini**).

(vii) “Chemical Studies of Nigerian Medicinal Plants with antimicrobial and CNS activities” – **A. O. Ogundaini** (Principal Investigator) and others. Tertiary Education Trust Fund-sponsored National Research Fund (NRF) Intervention (2013). **N25 million.**



Prof. A. O. Ogundaini *B. Pharm., Ph.D., CChem., MRSC, MIPAN, FPSN, FNAPharm.*

**ABIODUN OGUNTUGA OGUNDAINI**

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**SKILLS SUMMARY**: I am a focused and highly motivated lecturer/pharmacist with 45 years of extensive experience in teaching, research, administration and community service. I have published extensively in areas of validation of ethno-medicines and isolating the compounds responsible for the observed activities, papers which are widely cited in Google Scholar, Research Gate and other databases. In the process I have isolated many compounds which were reported in the literature for the first time and have also contributed jointly, along with my students, compounds to the pan African Natural Product Library (p-ANAPL), which is available for those wishing to screen compounds for drug development.

I am a member of the Institute of Public Analyst of Nigeria. I have acquired varied experiences in consulting for pharmaceutical industries on product registration; analysis and solving general production issues. I am an innovative and energetic team player, relationship builder and a highly effective communicator.

During my career so far, in addition to managing men and materials, I have been able to attract and manage funds effectively either for research projects, locally and internationally, and for procurement, installation, servicing and maintenance of expensive modern high-tech items of equipment.

**EMPLOYMENT HISTORY**

*Name of Employer* – Obafemi Awolowo University, Ile-Ife, Osun State

*Position & Title* – Lecturer/Professor

*Years of Service* –1976 to date

Over the last 20 years, in addition to my teaching and research duties, I have served as:

1. **Dean, Faculty of Pharmacy (August 2001 to July** **2005)** – This entailed providing academic and administrative leadership to the Faculty of about 400 students and 60 staff members. By virtue of the office, I represented the faculty on many policy-making bodies within and outside the university, as a council member of the Pharmacist Council of Nigeria (PCN); Board member and Chairman, Establishment Committee of the Obafemi Awolowo University Teaching Hospitals Complex and a member of the Council of the Pharmaceutical Society of Nigeria (PSN).
2. **Director, Central Science Laboratory (August 2009 to 2013)** – I managed a Central Science Laboratory, accredited by the Federal Ministry of Environment, that provided access, on a 24/7 basis, to modern expensive research and analytical equipment for the university. In addition, I was involved in the procurement, installation, servicing and maintenance of new items of equipment for laboratories and departments within the university. Thus, I was a member of the Procurement Planning and Tenders Committees of the university. During my tenure, the laboratory procured a JEOL 400MHz NMR to replace the Varian 200MHz that had been in use for about 10 years. The laboratory was the only one in the West Africa sub-region with such a facility until recently.
3. **Executive Director, Central Office of Research (COR) (January 2017 to July 2018) –** The office coordinates the research effort of the University, administer linkages with local and international partners and encourages problem-solving research effort for eventual uptake.
4. **Member of the Governing Council, Obafemi Awolowo University (2011-2013)** – I was elected by the Senate of the University to represent it on the governing Council of the university for a period of 2 years. During this period, I was involved in policy formulation, appointments and promotions and other such duties as defined by the Law governing its establishment. During my term of office, I was a member of the Finance and General Purposes Committee and Tenders Committee.

**ACCOMPLISHMENTS**

* I have been involved in training manpower for the country over the last 40 years.
* Supervised about 15 postgraduate students at either M.Sc/M.Phil/PhD levels.
* Led a research group for about 8 years (1998-2004) and attracted research grants of about **SEK 1,860,000.00** from the International Programme in Chemical Sciences (IPICS), Uppsala, Sweden, during which period a viable research laboratory was established.
* Attracted and managed a Carnegie Cooperation of New York grant for the Central Science Laboratory on “Optimization of the use of research equipment/facilities in the OAU Central Science Laboratory and addressing gender imbalance in the Sciences at OAU (2010 – 2012)”.
* Tertiary Education Trust Fund-sponsored National Research Fund (NRF) Intervention (2013) research grant of **N25 million** on “Chemical Studies of Nigerian Medicinal Plants with antimicrobial and CNS activities”**.**