

CURRICULUM VITAE

NAME: Mubo Adeola **SONIBARE**
NATIONALITY: Nigerian
SEX: Female
MARITAL STATUS: Married
CONTACT ADDRESS: Department of Pharmacognosy
Faculty of Pharmacy
University of Ibadan, Ibadan,
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RESEARCH AREA: Chemotaxonomy, Biodiversity Conservation,
Molecular authentication of Medicinal plants, Plant
tissue culture, Ethnopharmacology, Medicinal
Plants Research.

EDUCATIONAL INSTITUTIONS ATTENDED WITH DATES:

University of Ibadan 1998-2003 (Ph.D)
University of Ibadan 1994-1995 (M.Sc)
University of Ibadan 1988-1992 (B.Sc)

ACADEMIC / PROFESSIONAL QUALIFICATION WITH DATES:

Ph.D. Botany (Plant Taxonomy), University of Ibadan, Nigeria, 2003.
M.Sc. Botany, University of Ibadan, Nigeria, 1996.
B. Sc. Botany, University of Ibadan, Nigeria, 1992

DETAILS OF TEACHING/WORK EXPERIENCE AND DATES:

| | | |
|-------------------------------|--|------------------------|
| Reader | University of Ibadan, Nigeria | 2012-date |
| Sub-Dean (Postgraduate) | Faculty of Pharmacy, University of Ibadan | 2014-date |
| Acting Head, | Department of Pharmacognosy, Faculty of Pharmacy, University of Ibadan | 2011–2014 |
| TWAS-UNESCO Associateship, | Department of Chemistry, University of Botswana, Botswana | January-April 2013. |
| Senior Lecturer, | University of Ibadan, Nigeria | 2009 – 2012 |
| Postdoc | Institut für Spezielle Botanik und Botanischer Garten, Johannes Gutenberg Universität Mainz, Bentzelweg 9a, 55099 Mainz | 2008-2009 |
| Lecturer I | University of Ibadan, Nigeria | 2006-2009 |
| Lecturer I | Olabisi Onabanjo University, Nigeria | 2005-2006 |
| Lecturer II | Olabisi Onabanjo University, Nigeria | 2003-2005 |
| Assistant Lecturer | Olabisi Onabanjo University, Nigeria | 1996-2003 |
| Tutorial Assistant | University of Ibadan, Nigeria | 1994-1995 |

PUBLICATIONS:

1. **Sonibare, M.A.** (2001): Gymnosperms *In* Adebajo A. and Oyesiku,

O. Editors) Plant Diversity. Department of Biological Sciences, Olabisi Onabanjo University. Vebic Publication, Ogun State pp. 133-145.

2. Soladoye, M.O. and **Sonibare, M.A.** (2003): Non-Timber Forest Products of Old Oyo National Park and their sustainability. *Nigerian Journal of Botany* Volume 16, 16-32.
3. **Sonibare, M.A.** and Osonubi, O. (2004): Degree of roots infection in three *Glomus* species of Vesicular arbuscular Mycorrhizal fungi in relation to maize (*Zea mays*) growth. *Science Focus* Volume 7, 131- 136.
4. **Sonibare, M.A.**, Jayeola, A.A. and Egunyomi, A. (2004): A morphometric analysis of genus *Ficus* Linn. (Moraceae). *African Journal of Biotechnology* Volume 3 (4), 229- 235.
5. **Sonibare, M.A.** and Shokefun, E.O. (2005): Preliminary leaf epidermal studies of some *Ficus* species (Moraceae) in Ogun State of South Western Nigeria. *African Journal of Pure and Applied Sciences* Volume 1, No. 1, 10-13.
6. Soladoye, M.O., **Sonibare, M.A.**, Nadi, A.O. and Alabi, D.A. (2005): Indigenous Angiosperm Biodiversity of Olabisi Onabanjo University Permanent site. *African Journal of Biotechnology* Volume 4, No. 5, 554-562.
7. **Sonibare, M.A.**, Jayeola, A.A. and Egunyomi, A. (2005): A survey of epidermal morphology of the genus *Ficus* Linn. (Moraceae). *Botanical Bulletin of Academia Sinica* Volume 46, 231-238.
8. **Sonibare, M.A.**, Jayeola, A.A. and Egunyomi, A. (2005): Chemotaxonomic significance of leaf alkanes in Species of *Ficus* Linn. (Moraceae). *Biochemical Systematics and Ecology* Volume 33, 79-86.
9. **Sonibare, M.A.**, Jayeola, A.A. and Egunyomi, A. (2006): The Taxonomy of *Ficus* Linn. of the Subgenus *Urostigma* (Sections *Urostigma* and *Galoglychia*) in Nigeria. *Science Focus* Volume 11, No. 1, 31-37.
10. **Sonibare, M.A.**, Ogunwande, I.A., Walker, T.M., Setzer, W.N., Soladoye, M.O. and Essien, E. (2006): Volatile constituents of *Ficus exasperata* leaves. *Natural Product Communications* Volume 1, No. 9, 763-765.
11. **Sonibare M.A.**, Soladoye, M.O. and Ekine-Ogunlana, Y. (2007): A Chemotaxonomic approach to the alkane content of three species of *Anthocleista* Afzel. (Loganiaceae) *African Journal of Biotechnology* Volume 6, No. 13, 1515-1520.
12. **Sonibare, M.A.** and Gbile, Z.O. (2008): Ethnobotanical Survey of anti-asthmatic plants in South Western Nigeria. *African Journal of Traditional, Complementary and Alternative Medicine* Volume 5, No. 4, 340-345.
13. Ogunwande, I. A., **Sonibare M. A.**, Thang T. D., Dung N. X., Soladoye M. O. and Morohunfolu O. O. (2008): Comparative Analysis of the Oils of Three *Ficus* species from Nigeria. *Journal of Essential Oil Research* Volume 20, No. 5, 386-389.

14. Sonibare, O. O., **Sonibare, M.A.**, Adesanya, E. O. (2009): Essential Oil Composition of *Vernonia amygdalina* Del. from Southwestern Nigeria. *Journal of Essential Oil Bearing Plants* Volume 12, No. 1, 55-58.
15. **Sonibare, M.A.**, Sonibare, O. O., Akharam, E. Soladoye, M.O., (2009): Chemical composition of essential oils of *Ficus elasticoides*, *Ficus ovata* and *Ficus natalensis* from Nigeria. *Journal of Essential Oil Bearing Plants* Volume 12, No. 3, 282-286.
16. **Sonibare, M.A.**, Moody, J. O., Adesanya, E. O. (2009): Use of medicinal plants for the treatment of measles in Nigeria. *Journal of Ethnopharmacology* Volume 122, No. 2, 268-272.
17. **Sonibare, M.A.**, Soladoye, M.O., Esan, O. O., Sonibare, O. O. (2009) Phytochemical and Antimicrobial studies of four species of *Cola* Schott & Endl. (Sterculiaceae). *African Journal of Traditional Complementary and Alternative Medicine* Volume 6, No. 4, 518-525.
18. Soladoye M. O., **Sonibare M. A.**, Chukwuma E. C. (2010) Morphometric study of the genus *Indigofera* Linn. (Leguminosae-Papilionoideae) in South-Western Nigeria. *International Journal of Botany* Volume 6, No. 3, 343-350.
19. Soladoye M. O., Onakoya M. A., Chukwuma E. C. **Sonibare M. A.** (2010) Morphometric study of the genus *Senna* Mill. In South-western Nigeria. *African Journal of Plant Science* Volume 4, No. 3, 44-52.
20. Soladoye, M. O., Osipitan, A. A., **Sonibare, M. A.**, Chukwuma, E. C. (2010) From 'Vagabonds' to Ethnobotanical Relevance-Weeds of the campus sites of Olabisi Onabanjo University, Ago-Iwoye, Nigeria. *Ethnobotanical Leaflets* Volume 14, No. 546-558.
21. **Sonibare, M.A.**, Asiedu, R., Albach, D. C. (2010) Genetic diversity of *Dioscorea dumetorum* (Kunth) Pax using Amplified Fragment Length Polymorphisms (AFLP) and cpDNA. *Biochemical Systematics and Ecology* Volume 38, 320-334.
22. **Sonibare M. A.**, Lawal T.O., Ayodeji O.O. (2011) Antimicrobial evaluation of plants commonly used in the management of Psychosis Opportunistic Infections. *International Journal of Pharmacology* Volume 7, No. 4, 492-497.
23. **Sonibare, M. A.**, Oloyede, G. K., Adaramola, T. F. (2011) Antioxidant and cytotoxicity evaluations of two species of *Blighia* providing clues to species diversity. *Electronic Journal of Environmental, Agricultural and Food Chemistry* Volume 10, No. 10, 2960-2971.
24. **Sonibare M. A.**, Umukoro S., Shonibare E. T. (2012) Antipsychotic property of aqueous and ethanolic extracts of *Lonchocarpus cyanescens* (Schumacher and Thonn.) Benth. (Fabaceae) in rodents. *Journal of Natural Medicine* Volume 66, No. 1, 127-132.

25. **Sonibare M. A.**, Abegunde R. B. (2012) Ethnobotanical study of medicinal plants used by the Laniba village people in south western Nigeria. *African Journal of Pharmacy and Pharmacology* Volume 6, No. 24, 1726-1732.

26. **Sonibare M. A.** , Abegunde R. B. (2012) *In vitro* Antimicrobial and Antioxidant Analysis of *Dioscorea dumetorum* (Kunth) Pax and *Dioscorea hirtiflora* (Linn.) and Their Bioactive Metabolites from Nigeria. *Journal of Applied BioSciences* Volume 51, 3583-3590.

27. Attah, A. F., O'Brien, M., Koehbach, J., **Sonibare, M. A.**, Moody, J. O., Smith, T. J., Gruber, C. W. (2012) Uterine contractility of plants used to facilitate childbirth in Nigerian ethnomedicine. *Journal of Ethnopharmacology* Volume 143, 377-382.

28. Koehbach, J., Attah, A. F., Berger, A., Hellinger, R., Kutchan, T. M., Carpenter, E. J., Rolf, M., **Sonibare, M. A.**, Moody, J. O., Wong G. K., Dessein, S., Greger, H., Gruber, C. W. (2013) Cyclotide discovery in Gentianales revisited - Identification and characterization of cyclic cystine-knot peptides and their phylogenetic distribution in Rubiaceae plants. *Biopolymers: Peptide Science* Volume 100, No. 5, 438-452.

29. Adeniran, A. A., **Sonibare, M. A.** (2013) *In vitro* potential anthelmintic activity of bulbils of *Dioscorea bulbifera* L. on earthworms and liverflukes. *Journal of Pharmacognosy and Phytotherapy* Volume 5, No. 12, 196-203.

30. **Sonibare, M. A.**, Armagan, M., Özgö'kce, F., Yaprak, A. E., Maryland-Quellhorst, E., Albach, D. C. (2014) Analysis of taxonomic and geographic patterns of Turkish *Veronica orientalis* using nuclear and plastid DNA and morphological data. *Plant Systematics and Evolution* Volume 300, 645-664.

31. **Sonibare, M. A.**, Adeniran, A. A. (2014) Comparative micromorphological study of wild and micropropagated *Dioscorea bulbifera* Linn. *Asian Pacific Journal of Tropical Biomedicine* Volume 4, No. 3, 176-183.

32. Arowona, I. T., **Sonibare, M. A.**, Umukoro, S. (2014). Antipsychotic property of solvent-partitioned fractions of *Lonchocarpus cyanescens* leaf extract in mice. *Journal of Basic and Clinical Physiology and Pharmacology* Volume 25, No. 2, 235-240.

33. **Sonibare, M. A.**, Oke T. Soladoye, M. O. (2014) A pharmacobotanical study of two medicinal species of Fabaceae. *Asian Pacific Journal of Tropical Biomedicine* Volume 4, No. 2, 131-136.

34. **Sonibare, M. A.**, Olatubosun O. V. (2015) Pharmacognostic and free radical scavenging Evaluation of *Cyathula prostata* (Blume) L. *Pharmacognosy Journal* Volume 7, No. 2, 107-116.

35. **Sonibare, M.A.**, Adegoke, A. A. (2015) Antioxidant and antimicrobial activities of callus culture and leaf extracts of wild *Crotalaria retusa* (rattlepod). *Journal of Pharmacy and Bioresources* Volume 12, No. 1, 38-47.

36. **Sonibare M. A.**, Aremu, T. O., Okorie, P. A. (2015) Micropropagation and Evaluation of Phenolic Content, Antioxidant and Antimicrobial Activities of *Vernonia cinerea* (Linn.) Less. *Nigerian Journal of Natural Products and Medicine* Volume 19, 36-41.
37. Kayode A. A. A., **Sonibare M. A.**, Moody, J. O. (2015) Antiulcer activities of *Securidaca longepedunculata* Fres. (Polygalaceae) and *Luffa cylindrica* Linn. (Cucurbitaceae) in Wistar Rats. *Nigerian Journal of Natural Products and Medicine* Volume 19, 85-91.
38. **Sonibare M. A.**, Ayoola I. O. (2015) Medicinal plants used in the treatment of neurodegenerative disorders in some parts of Southwest Nigeria. *African Journal of Pharmacy and Pharmacology* Volume 9, No. 38, 956-965.
39. **Sonibare M. A.**, Okorie P. N., Aremu T. O., Adegoke Ayodamope (2015) Ethno-medicine for Insect Transmitted Diseases from South-western Nigeria. *Journal of Natural Remedies* Volume 15, 33-42.
40. Oyetoro I. D., **Sonibare M. A.** (2015) Preliminary study on the wound healing activity of ethanolic extract of *Vitellaria paradoxa* C. F. Gaertn. in rats. *Nigerian Journal of Pharmaceutical Research* Volume 11, 89-93.
41. **Sonibare M. A.**, Ekaette E. Onda E. E., Ajayi A. M., Umukoro S. (2015) *In vitro* antioxidant and membrane stabilization activities of fruit extract and fractions of *Tetrapleura tetraptera* (Schumach & Thonn.) Taub. *Journal of Pharmacy and Bioresources* Volume 12, No. 2, 95-105.
42. Adaramola T. F., **Sonibare M. A.**, Sartie A., Lopez-Montes A., Franco J., Albach D. C. (2016) Integration of ploidy level, secondary metabolite profile and morphological traits analyses to define breeding strategy for trifoliolate yam (*Dioscorea dumetorum* (Kunth) Pax). *Plant Genetic Resources* Volume 14, No. 1, 1-10
43. Attah A. F., Hellinger R., Mubo A. **Sonibare M. A.**, Moody J. O., Arrowsmith S., Susan Wray S. Gruber C. W. (2016) Ethnobotanical survey of *Rinorea dentata* used in South-Western Nigerian ethnomedicine and detection of cyclotides. *Journal of Ethnopharmacology* Volume 179, 83-91.
44. **Sonibare M. A.**, Ogunlakin D. A. (2016) Antidiabetic and Antioxidant effects of *Glyphaea brevis* (Spreng.) Monachino leaf extracts and solvent fractions in alloxan-induced diabetic rats. *West African Journal of Pharmacy* Volume 27 No. 1, 42-53.
45. **Sonibare, M. A.**, Aremu, O. T., Okorie, P. A. (2016) Antioxidant and antimicrobial activities of solvent fractions of *Vernonia cinerea* (L.) Less leaf extract. *African Health Sciences* Volume 16 No. 1, 629-639.
46. Adeniran, A. A., **Sonibare, M. A.** (2016) Exploitation of Petiole, Nodal Segment, tubil and tuber Anatomy for species identification in *Dioscorea* Linn. Species from Southwestern Nigeria. *Nigerian Journal of Natural Products and Medicine* Volume 20: 43-51.

47. Attah, A. F., **Sonibare, M. A.**, Moody, J. O. (2016). Chemical detection of cysteine-rich circular peptides in selected tropical Violaceae and Moringaceae families using modified G-250 and mass spectrometry. *Nigerian Journal of Natural Products and Medicine* Volume 20: 88-95.
48. Rafiu B. and **Sonibare M. A.** (2016) Ethnobotanical survey of tree species used for wound healing in Ibadan, Southwest Nigeria. *Nigerian Journal of Natural Products and Medicine* Volume 20: 96-104.
49. Sonibare M.A., Akpan G. U. (2016) *In vitro* Callus Induction and Antioxidant Activity of *Rauwolfia vomitoria* Afzel. (Apocynaceae). *Nigerian Journal of Pharmaceutical Research* 12(2): 101-111.
50. **Sonibare, M.A.**, Eseruoma, G. A., Omojuyigbe, B. M., Ayoola, I. O., Adeniran, A. A. (2016) Pharmacognostic standardization, antioxidant and antimicrobial activities of *Erythrophleum suaveolens* (Guill. & Perr.) Brenan and *Peltophorum pterocarpum* (DC) Backer ex K. Heyne. *West African Journal of Pharmacy* 27 (2): 38-52.
51. **Sonibare M. A.**, Ayoola I. O., Elufioye T. O. (2017) Antioxidant and acetylcholinesterase inhibitory activity of leaf extract and fractions of *Albizia adianthifolia* (Schumach) W. F. Wright. *Journal of Basic and Clinical Physiology and Pharmacology* 28 (2): 143-148.
52. Ayoola I. O., Gueye B., **Sonibare M. A.**, Abberton M. T. (2017) Antioxidant activity and acetylcholinesterase inhibition of field and *in vitro* grown *Musa* L. species. *Journal of Food Measurement and Characterization* 11 (2): 488-499.
53. Adeniran A. A. **Sonibare M. A.** (2017) *In vitro* antioxidant activity, brine shrimp lethality and assessment of bioactive constituents of three Wild *Dioscorea* species. *Journal of Food Measurement and Characterization* 11 (2): 685-695.
54. Onda E. E., **Sonibare M.A.**, Ajayi A. M., Umukoro S. (2017). Anti – inflammatory and Antioxidant Effects of *Tetrapleura tetraptera* (Schumach & Thonn.) Taub. Fruit Extract in Carrageenan/Kaolin-induced Acute Monoarthritis in Rats. *Nigerian Journal of Pharmaceutical Research* 13 (2): 157-166.
55. Adeniran A. A., **Sonibare M. A.**, Rajacharya G. H., Shashi Kumar (2018) Assessment of genetic fidelity of *Dioscorea bulbifera* L. and *Dioscorea hirtiflora* Benth. and medicinal bioactivity produced from the induced tuberous roots. *Plant Cell, Tissue and Organ Culture* 132 (2): 343-357.
56. Adewole K. E., Attah A. F., **Sonibare M. A.**, Moody J. O., Adebayo J. O. (2018). Identification of Antioxidant Cysteine-stabilised Peptides of *Morinda lucida* Benth. Leaf. *Indian Journal of Pharmaceutical Sciences* 80 (1): 99-107
57. **Sonibare M. A.**, Ayoola I. O., Gueye B., Abberton M. T., D'Zouza R., Kuhnert N. (2018) Leaves metabolomic profiling of *Musa acuminata* accessions using UPLC–QTOF–MS/MS and their antioxidant activity *Journal of Food Measurement and Characterization* 12: 1093-1106
58. Ilechukwu C.B., **Sonibare M.A.**, Oluwole O.G., Ajayi A.M., Umukoro S. (2018) Antioxidant and *in vitro* membrane stabilization activities of leaf extract of *Gossypium barbadense* L. (Malvaceae). *West African Journal of Pharmacy* 29 (2): 116-126

59. Sonibare M. A. and Adebodun S. A. (2018) Macroscopic and microscopic evaluation of *Triclisia subcordata* Oliv. (Menispermaceae) towards its standardization. Nigerian Journal of Pharmaceutical Sciences 14 (2): 189-196

OTHER RELEVANT INFORMATION:

Awards and Merits:

TETFUND Conference Intervention Fund, 18th International Conference of FFC and Sixth Symposium of Academic society of Functional and Medical foods, Boston, MA, USA, September 2015

Alexander von Humboldt Fellowship, Jacobs University, Bremen, Germany, April-June, 2015

Bremen Life Sciences Meeting, Jacobs University Bremen, Germany, 29 May, 2015.

TWAS-UNESCO Associateship, Department of Chemistry, University of Botswana, Botswana January-April 2013

Georg Forster Return Fellowship Award by the Alexander von Humboldt Foundation Germany January 2010-January 2011

Conference Grant, 2010, TWOWS Fourth General Assembly and International Conference: Women Scientists in a Changing World 27-30 June-2010, Beijing, China

Georg Forster Research Fellowship by the Alexander von Humboldt Foundation Germany March 2008-July 2009

Third World Organization of Women in Science Research Fellowship tenable at South African Museum (2002)

Research Visit to Prof. Murata Laboratory, Koishikawa Botanical Gardens, Graduate School of Science, University of Tokyo, Japan (2002).

Bashorun MKO Abiola Research Fellowship for postgraduate students (2000/2001)

Best M.Sc Botany Student, University of Ibadan (1994/1995 Session).

Professional Affiliation:

Third World Organization of Women in Science

The Nigerian Field Society

The Botanical Society of Nigeria

Nigerian Society of Pharmacognosists (NSP)

American Society of Plant Taxonomists (ASPT)

Botanical Society of America (BSA)

International Society of Women Engineers and Scientists (INWES)

Conferences and workshop attended:

18th International Conference of FFC and Sixth Symposium of Academic society of Functional and Medical foods, Boston, MA, USA, September 2015

TWOWS Fourth General Assembly and International Conference: Women Scientists in a Changing World 27-30 June-2010, Beijing, China

JSTOR (www.jstor.org) Training Workshop held at the University of Ibadan. 9 April, 2010

Workshop on Pedagogy in Higher Education, Unit for Capacity Building in Pedagogical Skills, University of Ibadan. 16-18 March, 2010

Workshop on Gender Mainstreaming in Higher Education in Africa organized by Women Research and Documentation Centre (WORDOC), University of Ibadan and The Association of African Universities, Working Group on Higher Education. 23 January, 2007

2nd Workshop on Methodology of Basic and Applied Research organized by the Postgraduate School University of Ibadan, Conference Centre, University of Ibadan. 22-26 May, 2006

Botany 2006 Conference, Chico, California, U.S.A. July 28-August 3rd, 2006

Botany 2005 Conference, Austin, Texas, U.S.A. 13-19th August, 2005

Science Association of Nigeria Conference, 2004.

12th Annual Conference of the Botanical Society of Nigeria, 2003

Science Association of Nigeria Conference, Ago – Iwoye, Nigeria, 2000

Sixth International Conference on Fig Biology, Cape Town, South Africa, 2000.

New Trends on separation Techniques and Structural Elucidation, Faculty of Pharmacy, Obafemi Awolowo University, Ile-Ife, Nigeria. 1997.