**Oghale Oghenefego OVUAKPORIE-UVO, Ph.D.**

**Ag. Director, Centre for Herbal Medicine and Drug Discovery**

University of Medical Sciences, Ondo.

Department of Science Laboratory Technology

[ooghale@unimed.edu.ng](mailto:ooghale@unimed.edu.ng); [oghale.uvo@gmail.com](mailto:oghale.uvo@gmail.com)

**Education**

|  |  |  |
| --- | --- | --- |
| Ph.D. (Phytomedicine) | 2017 | University of Benin |
| M.Sc. (Phytomedicine) | 2015 | University of Benin |
| B.Sc. (Second Class Honours, Upper Division) | 2012 | University of Benin |

**Working Experience**

*Selected recent working experiences with dates*

|  |  |
| --- | --- |
| University of Medical Sciences, Ondo, Ondo, Nigeria  Lecturer I: Department of Science Laboratory Technology,  University of Medical Sciences, Ondo State. | October 2021 till date |
| Lecturer II: Department of Biological Sciences,  University of Medical Sciences, Ondo State. | 2019 -2022 |
| Intern Researcher to Professor (Mrs.) E. S. Omoregie (Professor of Plant Biochemistry, University of Benin) | 2018 |
| Research Assistant to Professor MacDonald Idu (Professor of Phytomedicine, University of Benin) | 2013 -2017 |
| Intern Researcher  National Institute for Pharmaceutical Research and Development (NIPRD), Abuja | 2015 |
| Industrial Trainee  Pax Herbals Quality Control and Biochemistry Laboratories, Ewu-Esan, Edo State | 2011 |

**Publications**

*Peer-Reviewed Publications*

1. Oyeyemi O., Oladoyin V., Okunlola O., Mosobalaje A., Oyeyemi I., Adebimpe W., Nwuba R., Anuoluwa I., Tiamiyu A., **Ovuakporie-Uvo O.,** Adesina I., Olatunji B., Kone J., Oluwafemi Y., Obajaja C. and Ajiboye A. (2020). COVID-19 Pandemic: An online-Based Survey of Knowledge, Perception and Adherence to Preventive Measures among Educated Nigerian Adults. *Journal of Public Health: From Theory to Practice*. DOI: 10.1007/s10389-020-01455-0.
2. **Ovuakporie-Uvo O.O.**, Idu M., Afolabi O. and Irieabo M.K. (2020). Molecular phylogenetic authentication of the relative evolution of *Desplatsia* *spp*. from Southern Nigeria.Biokemistri (Nigerian Society for Experimental Biology), 32(2): 125 – 132.
3. Akanji O.C., Idu M. and **Ovuakporie-Uvo O.** (2020). Ethnomedicinal Survey of Indigenous Flora for the Management of Cancer in South-Western, Nigeria. *Current Traditional Medicine*, 7(2): 1-27. DOI: 10.2174/2215083806666200220123521.
4. **Oghale Ovuakporie-Uvo**, MacDonald Idu and Omotuyi Idowu Olaposi (2019). Toxicogenetic Studies of *Desplatsia dewevrei* using Gene Expression of Blood, Pancreatic and Intestinal Genes in Wistar rats. *Canadian Journal of Biotechnology,* 2(4): 124 - 131*.*
5. **Oghale Ovuakporie-Uvo**, Idu M. and Omoregie E.S. (2019). Nutrients and Composition of *Desplatsia dewevrei*. *Food Science and Nutrition*, 7(5): 1768–1777. [https://doi.org/10.1002/fsn3.1019.](https://doi.org/10.1002/fsn3.1019)
6. Aihiokhai, M.O., Idu, M. and **Ovuakporie-Uvo O.** (2019). Histopathological Studies of *Physostigma venenosum* Balf on Wistar Rats. *Journal of Advanced Botany and Zoology,* 7(1): 1- 3.
7. **Ovuakporie-Uvo Oghale**, MacDonald Idu, Anne O. Itemire (2018). Phytochemistry, gas chromatography-mass spectrometry analysis and *in vitro* anti-bacterial activities of *Desplatsia dewevrei* (De Wild. & T. Durand). *Brazilian Journal of Biological Sciences*, 5(10): 373 - 404*.*
8. Omoregie G.O., **Ovuakporie-Uvo O.** and Idu M. (2018). Phytocomposition and antimicrobial activities of the ethanol seed extracts of *Buccholzia coriacea*. *African Journal of Pharmacology and Therapeutics*, 7(2): 53- 58.
9. Idu M., Omoregie E.S., **Ovuakporie-Uvo** **Oghale** and Omosigho Mabel (2018). Physicochemical properties, Antioxidant activity and Phyto-nutritional composition of CP and HP coconut oils*. GSC Biological and Pharmaceutical Sciences,* 05(01): 056 - 066.
10. **Ovuakporie-Uvo O.**, Idu M., Obarisiagbon P. and Abode C. (2018). Analgesic, Pro and Anti Inflammatory Activities of *Desplatsia dewevrei*; Cytokine Gene Expression using Wistar Rats and Mice. *Journal of Phytopharmacology,* 7(2):185-190.
11. **Ovuakporie-Uvo O.** and Idu M. (2017). Ethnobotanical knowledge of *Desplatsia dewevrei* (De Wild. & T. Durand) Burret by the Bini tribe Edo State, Nigeria. *Journal of Ayurvedic and Herbal Medicine,* 3(3): 129-132.
12. Idu MacDonald, **Ovuakporie-Uvo Oghale**, Obayagbona Nosa Omoregbe and Ogbemudia Osaigbovo (2017). Phytochemistry, Antimicrobial and Toxicological Studies of *Greenwayodendron suaveolen* seed extracts. *Journal of Basic Pharmacology and Toxicology,* 1(1): 8-12.
13. Omotuyi I.O., **Ovuakporie-Uvo O.** and Idu M. (2017). Regulation of intestinal GLP-1 and GLUT 2 genes underlie hypoglycemia in *Desplatsia subericarpa* Bocq. Fed Wistar Rats. *Journal of Herbal Drugs,* 8(2): 79-86.
14. Idu M., **Ovuakporie-Uvo O**. and Ima-osagie O.S. (2017). Indigenous Plants used by the Otuo tribe of Owan East Local Government Area of Edo State, Nigeria. *The Journal of Medicinal Plants for Economic Development,* 1(1): a10. https://doi.org/10.4102/ jomped.v1i1.10.
15. Idu M., **Ovuakporie-Uvo O.** and Okojie O.S. (2017). Protective Effects of Neem (*Azadirachta indica* A. Juss) Seed Oil on Carbon Tetrachloride (CCl4)-Induced Hepatotoxicity in Wistar Rats. *The Journal of Medicinal Plants for Economic Development,* 1(1), a6. <https://doi.org/10.4102/jomped.v1i1.6>
16. **Ovuakporie-Uvo** **Oghale** and Idu MacDonald (2016). Phytochemistry, Anti-asthmatic and anti-oxidant activities of *Anchomanes difformis* Engl leaf extract. *Asian Journal of Tropical Biomedicine,* 6(3): 225-231.
17. Idu MacDonald, **Ovuakporie-Uvo Oghale**, Eze Gerald Ikechi and Okoro Amarachi Orji (2016). Hepatoprotective potentials *Picralima nitida* against *in vivo* carbon tetrachloride-mediated hepatotoxicity. *The Journal of Phytopharmacology,* 5(1): 6-9.
18. Idu MacDonald, **Ovuakporie-Uvo Oghale** and Seriki Cecilia Olajesu (2016). Antihyperglycemic effect of *Canarium schwenfurthii* fruit oil on Wistar rats. *Journal of Applied Medical Research,* 2(1): 6-8.
19. Idu MacDonald, **Ovuakporie-Uvo** **Oghale** and Gana Jiya Hauwa (2016). Ethnomedicinal Survey of Plants used in the treatment of Female Infertility in Chanchaga Local Government Area in Minna, Niger State, Nigeria. *Marmara Pharmaceutical Journal,* 20(3): 269-274.
20. Idu MacDonald, **Ovuakporie-Uvo** **Oghale** and Nwaokolo Martin John (2016). Phytochemistry and microscopy of *Tapinanthus dodoneifolius* (DC) (Danser) (Santalales: Loranthaceae) (African mistletoes) from Guava, Rubber and Orange host trees. *Brazilian Journal of Biological Sciences,* 3(5): 27-35.
21. Idu MacDonald, **Ovuakporie-Uvo Oghale** and Bukar Samira Oyiza (2016). Species diversity in handling infertility in some Local Government Areas of Kano State, Nigeria. *Annals of Biological Sciences,* 4(1): 13-25*.*
22. Idu MacDonald, **Ovuakporie-Uvo** **Oghale** and Uwaya Dickson (2016). *In vivo* antioxidant activities of *Combretum platypterum* (Welw.) Hutch. and *Combretum racemosum* P. Beauv. (Combretaceae). *Applied Medical Research,* 2(3): 50-55.
23. Idu M., **Ovuakporie-Uvo O**. and Saliu O.C. (2016). Knowledge, Attitude and Practice of Conception amongst Women and Female Youths in Mararaba, Nasarawa State, Nigeria. *African Scientists,* 17 (4): 337-343.
24. Idu M., **Ovuakporie-Uvo P. O.** and Ndama R.W. (2015). Preliminary Phytochemistry and *in vitro* Antimicrobial properties of the chloroform and ethanol extracts of the Roots of *Cedrela odorata, Chlorophora excelsa* and *Gmelina arborea*. *International Journal of Analytical, Pharmaceutical and Biomedical Sciences,* 4(2): 117-122
25. Idu M., Ezenwa C. Kingsley., **Ovuakporie-Uvo Oghale** and Faustina K. Idu (2015). Evaluation of diuretic activity of *Starchytapheta jamaicensis* L. (Vahl). on Wistar rats. *Asian Journal of Biochemical and Pharmaceutical Research,* 2(5): 9-14.
26. Omoregie G.O., Idu M. and **Ovuakporie-Uvo O.**  (2015). GC-MS analysis of the aqueous extracts of *Buchholzia coriacea* Engl (Capparidaceae), Seeds. *International Journal of Life Science and Pharma Research,* 5(3): 26-32.
27. Idu M., Adeola J., **Ovuakporie-Uvo O.** (2015). Microbial load of some polyherbal products from Lagos State, Nigeria. *International Journal of Ethnobiology and Ethnomedicine,* 1(1): 1-14.
28. Idu M., **Ovuakporie-Uvo Oghale,** JimohAdeola (2015). Heavy metals contamination of some herbal products from Lagos State, Nigeria. *Journal of Ayurvedic and Herbal Medicine,* 1(2): 45-50.
29. **Ovuakporie-Uvo** **Oghale** and Idu MacDonald (2015). Effects of the aqueous leaf extract of *Anchomanes difformis* on the glucose level and organ/body weight ratio of Wistar rats. *Journal of Herbs and Ethnomedicine*, 1(1): 64-67.
30. **Ovuakporie-Uvo Oghale,** Idu MacDonald, Eze Gerald O. and Ozolua Raymond I. (2015). Toxicological studies of *Anchomanes difformis* Blume (Araceae) using rats and mice. *International Journal of Basic and Clinical Pharmacology,* 4(6): 1228-1234.
31. Idu, M., Erhabor, J.O., Oshomoh, E.O., **Ovuakporie-Uvo O.** (2014). Phytochemical and antimicrobial properties of the seeds of *Khaya senegalensis* (Desc). A. Juss. *Journal of Advanced Botany and Zoology*, 1(4): 1-4.
32. MacDonald Idu, Joseph O. Erhabor and **Oghale Ovuakporie-Uvo** (2014). Ethnomedicinal plants used by the Idoma people - Benue State, Nigeria. *American Journal of Ethnomedicine,* 1(1): 072-088
33. MacDonald Idu, Erhabor Joseph, Timothy Odaro and **Ovuakporie-Uvo Oghale** (2014). Market survey and heavy metal screening of selected medicinal plants sold in some markets in Benin City, Nigeria. *International Journal of Humanities, Arts, Medicines and Sciences*, 2(2): 7-16
34. Timothy Odaro, Idu MacDonald, Olorunfemi Daniel and **Ovuakporie-Uvo Oghale** (2014). Cytotoxic and genotoxic studies of the aqueous leaf extract of *Icacina trichantha* Oliv. *South African Journal of Botany*, 91: 71-74.
35. Idu MacDonald, Erhabor Joseph Omorogiuwa, **Ovuakporie-Uvo Oghale**, Obayagbona Nosa Omoregbe (2014). Antimicrobial qualities, phytochemistry and micronutritional content of *Khaya senegalensis* (Desc.). A. Juss seed oil. *The Journal of Phytopharmacology*, 3(2): 95-101.
36. Idu MacDonald and **Ovuakporie-Uvo Oghale** (2013). Studies on the allelopathic effect of aqueous extract of *Ageratum conyzoides* Asteraceae on seedling growth of *Sesanum indicum* L. (Pedaliaceae). *International Journal of Science, Environment and Technology,* 2: 1185-1195.
37. Idu M., Oshomoh E.O and **Ovuakporie-Uvo O.** (2013). Phytochemistry and antimicrobial properties of *Chlorophora excelsa, Cedrela odorata* and *Tectona grandis. Journal of Herbal Medicine,* 2(11): 248-253.

**Conference Participation**

* 1. 1st University of Benin Life Sciences’ Annual Research Conference. **(Paper Read:** Anti-fertility and Pro-fertility activities of *Desplatsia dewevrei* on Wistar rats**) 2022.**
  2. 5th SOMPED International Conference. (Virtual conference; poster presentation). **August, 2021.**
  3. Pharma Food Congress. Theme: Functional Foods and Phytomedicine: Healthy Eating, a key strategy in a post-COVID 19 Era. **August, 2021**
  4. An Online Elsevier Seminar on “Grant writing, Research Funding and Article publishing/Publications”. **June, 2020**
  5. An Online Elsevier Workshop on “Making Academia-Industry Collaborations Work”. **June, 2020**
  6. 1st Nigerian Academy of Science (NAS) Scientific Conference, Lagos State, Nigeria. **(Paper Read:** Phytochemistry and *in vitro* anti-bacterial studies on *D. dewevrei***) February, 2020.**
  7. Bioinformatics foundation training organized by the African Centre of Excellence for Genomics of Infectious Diseases. **November, 2019**.
  8. 4th SOMPED International Conference. (**Paper Read:** Diversity and Conservation of Plant Species used in Handling Infertility in Six Local Government Areas of Kano State, Nigeria).**August, 2019.**
  9. 1st International Conference and Exhibition of the College of Basic and Applied Sciences, Samuel Adegboyega University in collaboration with Pax Herbal Clinic and Research Laboratories, Ogwa, Edo State, Nigeria. **(Paper Read: ‘**Toxicogenetic Effects of *Desplatsia dewevrei* on the Expression of Pancreatic and Intestinal Genes in Wistar Rats’**) May, 2019.**
  10. 1st Cerhi-Uniben Africa Research Excellence Fund (AREF) Research Leadership Development Workshop. **May, 2019.**
  11. Seminar/ Workshop on “Pedagogical Strategies in Teaching” by Professor Emperor Kpangban at the Michael and Cecilia Ibru University, Agbarha-Otor, Delta State, Nigeria. **April, 2019.**
  12. International Conference on Indigenous Traditional Knowledge, Lagos. **October, 2017.**
  13. Ist Conference of the Coconut Extractors of Nigeria, Abuja. **September, 2017.**
  14. AGCPN-CTA VISION 2020. Next Frontier for Growth and Revolution in Clinical Trials in Africa. Powered by: Bioresources Institute of Nigeria (BION). Enugu, Nigeria. **September, 2016.**
  15. 4th Clinical Trial Summit in Nigeria, Abuja. **June, 2016.**
  16. 16th Annual Scientific Conference of the Society for Experimental Biology of Nigeria (NISEB), Calabar. **April, 2016.**

(**Paper Read**: “Anti-asthmatic and antioxidant activities of *Anchomanes difformis* (Blume) Engl. leaf extract”).

* 1. III World Biodiversity Congress, Mokra Gora, Serbia. **October, 2015.**

**Workshops attended**

“A Hands-on Approach: from Sample Preparation to Data Interpretation” sponsored by the Royal Society of Chemistry & Pan Africa Chemistry Network supported by GSK held at the University of Lagos, Akoka, **2021.**

Compulsory Academic Staff Training on Pedagogy. University of Medical Sciences, Ondo, Odosida Campus, **2021**

EA-Microscopy 2021 Workshop Program, **2021.**

Bioinformatics foundation training organized by the African Centre of Excellence for Genomics of Infectious Diseases, **2019**.

1stCerhi-Uniben Africa Research Excellence Fund (AREF) Research Leadership Development Workshop, **2019.**

**Administrative Information**

*Current/ Relevant Administrative Information*

1. Acting Director; Centre for Herbal Medicine and Drug Development, University of Medical Sciences, Ondo (2022/2023 session).
2. Deputy Director; Centre for Herbal Medicine and Drug Development, University of Medical Sciences, Ondo (2021/2022 session).
3. SIWES Coordinator 2021/2022 Session; Biological Sciences Department,University of Medical Sciences, Ondo.
4. Secretary; Strategic Planning Committee, Biological Sciences Department,University of Medical Sciences, Ondo (2021/2022 session).
5. Financial Secretary; Welfare Committee, Biological Sciences Department,University of Medical Sciences, Ondo (2021/2022 session).
6. Secretary; Strategic Planning Committee, Biological Sciences Department,University of Medical Sciences, Ondo (2020/2021 session).
7. Secretary; Strategic Planning Committee, Biological Sciences Department,University of Medical Sciences, Ondo (2021/2022 session).
8. SIWES Coordinator 2020/2021 Session; Biological Sciences Department,University of Medical Sciences, Ondo.
9. Course adviser for 300 Level students (2020/2021 session); Department of Biological Sciences Department,University of Medical Sciences, Ondo.
10. COVID-19 Compliance officer; Faculty of Science, University of Medical Sciences, Ondo (2020/2021 session).
11. Secretary: Departmental Student Disciplinary Committee,Biological Sciences Department,University of Medical Sciences, Ondo (2019/2020 session).
12. Member: Biological SciencesDepartmental Examination Committee, University of Medical Sciences, Ondo (2019/2020 session).
13. Course Registration Officer/ Adviser; 100 level students in the Faculty of Science (2019/2020 session).
14. Department of Biological Sciences lectures and examination time-table officer, University of Medical Sciences, Ondo (2018/2019 session).
15. Timetable officer; Department of Biological Sciences, University of Medical Sciences, Ondo (2019/2020 session).
16. General Biology course registration officer for Dentistry, Medical Laboratory Science, Medicine and Surgery and Nursing students 2018/2019 session.
17. Assistant Unit Head; Plant Biology and Biotechnology during the accreditation exercise in May, 2019 at University of Medical Sciences, Ondo.

**Languages**

English, Isoko and Bini

**Hobbies**

Observing nature, travelling, making friends, learning new things/ acquiring new skills.

**References**

**Professor MacDonald Idu**

Head; Phytomedicine Unit, Department of Plant Biology and Biotechnology,

University of Benin, Benin City, Nigeria.

Relationship: Academic mentor/ PhD Supervisor

[mcdonald@uniben.edu](mailto:mcdonald@uniben.edu)

**Dr Olorunjuwon Bello**

Sub-Dean, Faculty of Science,

University of Medical Sciences, Ondo, Nigeria.

Relationship: Superior at work

[oobello@unimed.edu.ng](mailto:oobello@unimed.edu.ng)