

CURRICULUM VITAE

01 PERSONAL

- (i) Name: **AKINLOYE** Oluseyi Adeboye (Ph.D)
- (ii) Date of Birth: April 4th, 1968.
- (iii) Place of Birth: Olla, Osun-State.
- (iv) Age: 54 years.
- (v) Sex: Male.
- (vi) Marital Status: Married.
- (vii) Nationality: Nigerian.
- (viii) Town and State of Origin: Ajaawa, Oyo-State.
- (ix) Contact Address: Department of Biochemistry,
College of Biosciences,
Federal University of Agriculture,
P.M.B 2240, Abeokuta. Ogun-State, Nigeria.
- (x) Phone Number: +2348030824063
- (xi) E-mail Address: oaakin@yahoo.com or akinloyea@funaab.edu.ng
- (xii) Present Post and Salary: **PROFESSOR**; CONUASS 07:09
- (xiii) Areas of Specialization: **Phytomedicine/Enzymology/Biochemical Toxicology.**

02. EDUCATIONAL BACKGROUND

(i) Educational Institutions attended (with dates):-

- (1) Obafemi Awolowo University (O.A.U), Ile-Ife - Sept. 1987- Nov.1991.
- (2) Obafemi Awolowo University (O.A.U), Ile-Ife - Jan. 1994- Dec. 1997.
- (3) University of Agriculture (UNAAB), Abeokuta - Jan. 2003- Jan. 2008.
- (4) Pan African Bioinformatics Network for H3Africa Sept. 2018- Dec. 2018

(ii) Academic and Professional Qualifications (with dates):-

- (1) Bachelor of Science (**B.Sc.**) Biochemistry (**First Class**) - Nov. 1991.
- (2) Master of Science (**M.Sc.**) Biochemistry - Dec. 1997.
- (3) Doctor of Philosophy (**Ph.D**) Biochemistry - Jan. 2008.
- (4) Certificate in Introduction to Bioinformatics Dec. 2018.

(iii) Prizes, Honours and Scholarship (with dates):

- (1) Award of University Scholarship for outstanding student in Biochemistry-1988/89 Session
- (2) Award of Postgraduate Fellowship (O.A.U, Ile-Ife) - Jan-Aug, 1994.

03. WORK EXPERIENCE

- (i) Lecturer II- Usmanu Danfodiyo University, Sokoto - June.1998- Sept. 2001.
- (ii) Lecturer I- Usmanu Danfodiyo University, Sokoto - Oct. 2001- May 2002.
- (iii) Lecturer I- University of Agriculture, Abeokuta - June 2002 - Sept. 2008.
- (iv) Senior Lecturer- University of Agriculture, Abeokuta- Oct. 2008 – Sept. 2011.
- (v) Reader – Federal University of Agriculture, Abeokuta - Oct. 2011- Sept. 2014
- (vi) Professor- Federal University of Agriculture, Abeokuta- Oct. 2014 to Date.

COURSES TAUGHT IN 2019/2020 ACADEMIC SESSION

COURSE CODE	UNITS	TITLE	NO. OF LECTURERS	LEVEL	NO. OF STUDENTS
BCH 201	3	General Biochemistry I	9	200	525
BCH 202	3	General Biochemistry II	9	200	350
BCH 304	2	Enzymology	2	300	170
BCH 309	2	Biochemical Methods	9	300	83
BCH 313	1	Experimental Biochemistry I	9	300	83
BCH 316	1	Experimental Biochemistry II	9	300	83
BCH 402	2	Seminar	9	400	85
BCH 404	3	Industrial Biochemistry	2	400	170
BCH 409	3	Advanced Enzymology	2	400	52
BCH 413	2	Plant Biochemistry	2	400	85
BCH 416	2	Bioinformatics and Biostatistics	2	400	10
BCH 417	1	Experimental Biochemistry III	7	400	52
BCH 810	4	General Biochemistry	6	PG	10
BCH 811	4	Methods of Biochemical Analysis	1	PG	10
BCH 816	4	Enzymology& Protein Chemistry	1	PG	07
BCH 817	4	Plant Biochemistry	1	PG	04
BCH 821	2	Seminar	5	PG	10

COURSES TAUGHT IN 2018/2019 ACADEMIC SESSION

COURSE CODE	UNITS	TITLE	NO. OF LECTURERS	LEVEL	NO. OF STUDENTS
BCH 201	3	General Biochemistry I	9	200	525
BCH 202	3	General Biochemistry II	9	200	350
BCH 304	2	Enzymology	2	300	170
BCH 309	2	Biochemical Methods	9	300	83
BCH 313	1	Experimental Biochemistry I	9	300	83
BCH 316	1	Experimental Biochemistry II	9	300	83
BCH 402	2	Seminar	9	400	85
BCH 404	3	Industrial Biochemistry	2	400	170
BCH 409	3	Advanced Enzymology	2	400	52

BCH 413	2	Plant Biochemistry	1	400	85
BCH 417	1	Experimental Biochemistry III	7	400	52
BCH 811	4	Methods of Biochemical Analysis	1	PG	28
BCH 816	4	Enzymology& Protein Chemistry	1	PG	28
BCH 817	4	Plant Biochemistry	1	PG	28
BCH 821	2	Seminar	5	PG	28

COURSES TAUGHT IN 2017/2018 ACADEMIC SESSION

COURSE CODE	UNITS	TITLE	NO. OF LECTURERS	LEVEL	NO. OF STUDENTS
BCH 201	3	General Biochemistry I	7	200	350
BCH 202	3	General Biochemistry II	7	200	310
BCH 304	2	Enzymology	1	300	160
BCH 309	2	Biochemical Methods	7	300	92
BCH 313	1	Experimental Biochemistry I	7	300	92
BCH 316	1	Experimental Biochemistry II	7	300	92
BCH 402	2	Seminar	7	400	83
BCH 404	3	Industrial Biochemistry	1	400	162
BCH 409	3	Advanced Enzymology	1	400	83
BCH 413	2	Plant Biochemistry	1	400	83
BCH 417	1	Experimental Biochemistry III	7	400	83
BCH 811	4	Methods of Biochemical Analysis	1	PG	06
BCH 816	4	Enzymology & Protein Chemistry	1	PG	06
BCH 817	4	Plant Biochemistry	1	PG	01
BCH 821	2	Seminar	5	PG	06

04 (a). SPECIAL ASSIGNMENT/COMMUNITY SERVICE (within FUNAAB):-

- (i) 300 level adviser (Biochemistry Department, UNAAB) - 2002/03 academic session.
- (ii) 400 level adviser (Biochemistry Department, UNAAB) - 2003/04 session to 2013/2014.
- (iii) Member- Time-table and Examination (TIMTEC), UNAAB - Aug. 2004 to Dec. 2013
- (iv) Member-College (COLNAS) Information Handbook Production Committee- July, 2005.
- (v) **Departmental Coordinator (Biochemistry, UNAAB)** - Sept. 2nd, 2006 - Aug 12th, 2007.
- (vi) Member- College (COLNAS) Committee on Space Constraint – 2008 to Oct. 2014.
- (vii) College (COLNAS) Representative to SDC- May 22nd, 2008 to Dec.16th 2010.
- (viii) College nominee as invigilator for 2008/09 Post UME screening exercise.
- (ix) Member-Senate Committee on Examination Results- July 23rd, 2008 – Oct. 2017.
- (x) Member-College Users' committee on the repair of leaking roofs- July 28th, 2008 to date.
- (xi) COLNAS representative to COLVET Board meetings (UNAAB) June 2009 - June 2010.
- (x) Coordinator- COLNAS Leadership Seminar – May 17, 2010 – Oct. 2014..
- (xi) Senate nominee - On College Committee on examinations Results-May 5, 2010-2014
- (xii) Representative (ASUU) - On Board of UNAAB Health Services – April 14, 2010 to date.
- (xiii) COLNAS Representative –Admission Committee- Dec. 17, 2010 to Dec. 2013.

- (xiv) **Congregation Representative at Senate** – February 16, 2011-Aug. 2015
- (xv) **Departmental PG Coordinator** – January 2008 to January 2012.
- (xvi) Senate nominee for COLMAS COCER - October 2, 2012- Oct. 2017
- (xvii) Acting HOD, Biochemistry Department, FUNAAB - November 14-16, 2012.
- (xviii) **Deputy Director**-INHURD, FUNAAB - January 18, 2012 to January 17, 2014.
- (xix) Member, INHURD Management Board, FUNAAB - January 18, to January 17, 2014
- (xx) Chairman, INHURD, FUNAAB Hostels committee - Jan 18, 2012 to January 17, 2014
- (xxi) Chairman, INCER, INHURD, FUNAAB - Jan 18, 2012 to January 17, 2014.
- (xxii) Member, INHURD, FUNAAB Academic Board - Jan. 18, 2012 to January 17, 2014.
- (xxiii) Member, Committee on the Review of University Calendar (CORUC) - August, 2012 to date.
- (xxiv) Represented Director INHURD, on the FUNAAB Silver Jubilee Anniversary Committee, Sept. 7, 2012 to January 17, 2014.
- (xxv) Chairman, INHURD, FUNAAB Students' welfare and Code of Conduct - October, 2012 to January 17, 2014.
- (xxvi) Resource Person, at 2-Day Research Methodology Seminar on: Unraveling the Key Tips for Impactful Research; Organized by Nigeria Computer Society at ICTREC, FUNAAB, 27th - 28th May, 2014.
- (xxvii) Member, COLBIOS, Research Proposal Review Committee, July 1, 2017 to date.
- (xxviii) **Head of Department**, Biochemistry Department, FUNAAB, Aug. 1st, 2015 to Oct, 31st, 2017.
- (xxix) Member, FUNAAB SEVICOM management committee, October 29, 2018 to date.
- (xxx) **Dean**, College of Biosciences, FUNAAB, November 1st, 2017 to date.
- {xxx} Member, Committee on Review and Update of University (FUNAAB) Calendar, July 16, 2021 to date.

04 (b). SPECIAL ASSIGNMENT/COMMUNITY SERVICE (outside FUNAAB): - INTERNATIONAL/FOREIGN:

- (i) **Assessor for Doctor of Philosophy (Ph.D) in**
 - (i) Microbial, Biochemical and Food Biotechnology Programme, University of The Free State, South Africa. 2017
 - (ii) Plant Science, University of The Free State, South African – November 17, 2017 to date.
 - (iii) Biochemistry, Sefako Makgatho Health Science University (SMU), South Africa, February 2, 2022 to date.

LOCAL

- (ii) **Member and Chairman**, National University Commission Accreditation (NUC) Team to some Nigerian universities, 2019 to Date
- (iii) **Assessor** for Candidates being considered for Promotion to the Rank/Position of Reader/Associate Professor and/or Professor of Biochemistry (in University of Ibadan, Ibadan, Nigeria; Ladoke Akintola University of Technology, Ogbomoso, Nigeria; Caleb University, Imota, Lagos-State, Nigeria; Obafemi Awolowo University, Ile-Ife, Nigeria; Federal University of Technology, Akure, Nigeria; Lead City University, Ibadan, Nigeria; Osun-State University, Osogbo, Nigeria; Landmark University, Omu-Aran, Nigeria, Federal University, Oye-Ekiti, Nigeria
- (iv) **External Examiner** for B.Sc. Biochemistry Programme, McPherson University, Seriki Sotayo Area, along Lagos-Ibadan Expressway, Ogun-State, Nigeria, 2021/2022 and 2022/2023 Academic Sessions.
- (v) **External Examiner** for B.Sc Biochemistry Programme, Anchor University, Lagos, Lagos-State, Nigeria, 2021/2022 and 2022/2023 Academic Sessions.
- (vi) **External Examiner** for Biochemistry (M.Sc), Fountain University, Osogbo, Osun-State, Nigeria. 2018/2019.
- (vii) **External Examiner** for Biochemistry (PGDM.Sc/Ph.D), Ajayi Crowther University University, Oyo, Oyo-State, Nigeria. 2020/2021 to 2022/2023 academic session.
- (viii) **External Assessor** for Academic staff due for promotion in Department of Chemical Sciences, Yaba College of Technology, Yaba, Lagos, Nigeria. June7, 2021.
- (ix) **External Examiner** for Biochemistry (B.Sc.) programme, Caleb University, Imota, Lagos-State, Nigeria, June 2018 to Dec. 2020.
- (x) **External Examiner** for Doctor of Technology: Biomedical Technology Programme, Cape Peninsula University of Technology, South Africa - November 29, 2013 to date.
- (xi) **External Examiner** for Postgraduate Examinations, O.A.U, Ile-Ife – June 2, 2011 to date.
- (xii) **External Examiner** for Biochemistry (B.Sc.) programme, Federal University, Oye-Ekiti, Nigeria, 2017/2018 and 2018/2019 Academic Sessions.
- (xiii) **External Examiner** for Biochemistry (B.Sc. and M.Sc) programme, Babcock University, Ilishan, Ogun-State, Nigeria, 2018/2019 Academic Session.
- (xiv) **External Examiner** for Biochemistry (B.Sc.) programme, Bowen University, Iwo, Nigeria, 2018/2019, 2019/2020 and 2020/2021 Academic Sessions.

- (xv) **External Examiner** for Biochemistry (B.Sc.) programme, Redeemer's University, Ede, Nigeria, 2018/2019 and 2019/2020 Academic Sessions.
- (xvi) **External Examiner** for Biochemistry (B.Tech and M.Tech) programme, LAUTECH, Ogbomoso - February 21, 2012- February 28, 2013
- (xvii) **External Examiner** for Department of Veterinary Physiology and Biochemistry, University of Nigeria, Nsukka - 2012 to 2015.
- (xviii) **External Examiner** for D.V.M Degree Examinations (Veterinary Biochemistry Programme), University of Ibadan, Ibadan – 2014 to 2016.
- (xix) **External Examiner** for Biochemistry (B.Sc and M.Sc.) programme, Osun-State University, Osogbo – May 2016 to August 2017.
- (xx) **External Examiner** for Biochemistry (M.Sc. and Ph.D) programme, Covenant University, Ota, Nigeria, 2016/2017, 2017/2018 and 2019/2020 Academic Session.
- (xxi) **External Examiner** for M.Sc and Ph.D Biochemistry Degree Programme, Federal University of Technology, Akure, Nigeria, 2017/2018, 2018/2019, Academic Session.
- (xxii) **External Examiner** for Biochemistry (B.Sc.) Programme, Chrisland University, Abeokuta, Nigeria, 2018/2019, 2019/2020 and 2020/2021 Academic Session.
- (xxiii) **External Examiner** for Biochemistry (Ph.D) Candidate, University of Benin, Benin-City, Aug 2021
- (xxiv) **External Examiner** for Biochemistry (Ph.D) Candidate, Adeleke University, Ede, Osun-State, October 2021.
- (xxv) **External Examiner** for Biochemistry (Ph.D) Candidate, University of Benin, Benin, Edo-State, May 2021.
- (xxvi) **External Examiner** for M.Sc and Ph.D Biochemistry Degree Programme, University of Lagos, LUTH, Idi-Araba, Lagos, Nigeria, 2016/2017 Academic Session
- (xxvii) **International Speaker and Expert**, at Indo-Global Healthcare Summit and Expo 2014 - 20-22 June, 2014, Hyderabad, India.
- (xxviii) **Expert on the Interview Panel** for the regularization/promotion/appointment Interview of some academic members of staff across Faculties in the Lagos State University, Ojo. (Biochemistry Candidates) - January 18, 2014.
- (xxix) **Expert for Assessment of Ph.D Thesis**- University of Lagos, Akoka, Nigeria-May 2016 to Date.
- (xxx) **Chairman**, Institute of Agricultural Research and Training, Obafemi Awolowo

University, Moor Plantation, Ibadan Seminar Series on KIDNEY BEANS IN THE REGULATION OF CHOLESTEROL LEVELS, on October 17, 2013 at Home Science Building, I.A.R&T, Ibadan.

(xxxix) **Chairman**, Maintenance Committee, Victory Baptist Church, Obantoko, Abeokuta, 2006 - 2008.

05 TRAINING PROGRAMME ATTENDED (with dates).

- (i) International workshop for the Heads of Biochemistry Departments and Units of Tertiary Institutions, Parastatals Government and Industry on BIOCHEMISTRY AND MILLENNIUM DEVELOPMENT GOALS MATCHING CURRICULUM WITH CURRENT REALITIES, Abuja - July 9-11, 2008.
- (ii) International workshop on STEM CELL TRANSPLANTATION AS A MEDICINE OF THE 21ST CENTURY, Abuja - October 5-6, 2007.
- (iii) Workshop on WRITING GRANT WINNING RESEARCH PROPOSAL, Research and Development Centre (RESDEC), UNAAB - January 4-6, 2006.
- (iv) Workshop on BIOTECHNOLOGY TODAY AND TOMORROW, Abeokuta, on 15th Dec., 2005.
- (v) Training workshop for lecturers on TEACHING AND ACADEMIC ADMINISTRATION IN THE NIGERIAN UNIVERSITY SYSTEM, RESDEC, UNAAB, Abeokuta, 13th–15th Sept, 2005.
- (vi) Training workshop on BIOINFORMATICS AND COMPUTATIONAL MOLECULAR BIOLOGY, Biotechnology Center, UNAAB, Abeokuta - July, 28th –August 1st 2003.
- (vii) YEAR 2002 PRACTICAL SUMMER COURSE ON STANDARD IN-VITRO RECOMBINANT DNA TECHNIQUES, Biotechnology Center at the University of Agriculture, Abeokuta - 16th - 28th Sept.2002.
- (viii) Training workshop on MODERN TRENDS IN SEPARATION TECHNIQUES AND STRUCTURE ELUCIDATION, O.A.U, Ile-Ife - Sept. 8 to 12, 1997.
- (ix) Training Workshop on BIOTECHNOLOGY: FERMENTATION TECHNOLOGY AND ENZYME PRODUCTION, Organized by National Agency for Science and Engineering Infrastructure and UNESCO, Lagos, Nigeria - Nov. 28th to Dec.10th 1994.

06. COMMENDATION/RECOGNITION.

- (i) Commendation and Appreciation from the Acting Vice-Chancellor of UNAAB, for commitment, diligence, integrity and cordial interactions with him as the Coordinator, Department of Biochemistry, during his 10 months' tenure. Dated May 17, 2007.
- (ii) Commendation from the Vice-Chancellor of UNAAB, as a member of TIMTEC for the painstaking manner in which the 2007/08 session first semester examinations were conducted. Dated August 18, 2008.
- (iii) Commendation from the Vice-Chancellor of UNAAB, as a member of Senate Committee on Examination Results for the generous service and for painstakingly carrying out assignments with full integrity and successfully grasped all intricacies on student's results. Dated 2nd July, 2010.
- (iv) Appreciation from the Vice-Chancellor of UNAAB, as a member of TIMTEC for the commitment and dedication to responsibilities during second semester 2009/2010 examinations. Dated December 14, 2010.
- (v) Appreciation from the Deputy Vice-Chancellor of UNAAB, as a member of TIMTEC for the immense contribution towards improved successful conduct of examinations in our University in the recent time. Dated May 13, 2011.
- (vi) Recognition as part of the Top 500 Authors, by Scholarly Output in Nigeria over the period 2019 to 2022 (Number 478).

07. MEMBERSHIP OF PROFESSIONAL BODIES: -

- (i) Nigerian Society of Biochemistry and Molecular Biology (NSBMB).
- (ii) Nigerian Society for Experimental Biology (NISEB).
- (iii) Canadian Society of Biochemistry and Molecular Biology (CSBMB)

08. RESEARCH INTEREST OR COMMISSIONED PROJECTS

- (i) Completed –

RESEARCH GRANT AWARDS

- (1) Title of Research: Pharmacologic evaluation of the coccidiostatic potential of *Khaya senegalensis* stem bark extract and powder combined with vitamin C in broilers.

Grant Awardee: Institute of Food Security, Environmental Resources and

Agricultural Research (IFSERAR), University of Agriculture,
Abeokuta (UNAAB)

Programme: Biosciences Research Programme
Year of Award: 2010
Duration: 1 year
Amount: ₦300, 000:00 (Three Hundred Thousand Naira only)
Research Team: Biobaku, K.T (project leader)., Okediran, B.S., Takeet, M.I.,
Akinloye, O.A., Adekunle, M.F., Ayinde, I.A., Ajayi, O.L and
Eruvbetine, D.

(2) Title of Research: Evaluation of *in vivo* antiplasmodial activity of commonly used
antimalarial plants in Southwestern Nigeria.

Grant Awardee: Institute of Food Security, Environmental Resources and
Agricultural Research (IFSERAR), University of Agriculture,
Abeokuta (UNAAB).

Programme: Biosciences Research Programme
Year of Award: 2010
Duration: 1 year
Amount: ₦300, 000:00 (Three Hundred Thousand Naira only)
Research Team: Idowu, O.A., (project leader)., Olukunle, J.O., Ajayi, O.L.,
Akinloye, O.A., Aworinde, D.O and Agbonlahor, M.

09. PUBLICATIONS: -

(a) DISSERTATION/THESIS: -

- (1) Isolation and partial characterization of acid phosphatase from the haemolymph of giant African snail, *Archachatina marginata*, B.Sc. Dissertation (Nov. 1991).
- (2) Structure and mechanism of action of β -glucosidase from the haemolymph of giant African snail, *Archachatina marginata*, M.Sc. Thesis (Dec. 1997).
- (3) Paraquat toxicity and its mode of action in leafy vegetables and rats, Ph.D Thesis, (Jan. 2008).

(b) JOURNAL ARTICLES (in print).

- (1) Afolayan, A., Agboola, F.K and **Akinloye, O.A.** (1997): Some properties of β -glucosidase from the haemolymph of the giant African land snail, *Archachatina marginata*. *Nigerian Journal of Biochemistry and Molecular Biology*. 12; 43-51,

Published by Nigerian Society of Biochemistry and Molecular Biology.
www.njbmb.org.

- (2) **Akinloye, O.A.** and Olorede, B.R. (2000): Effect of different feeding conditions on performance, haemolymph biochemical and mineral value of giant African snail, *Archachatina marginata*. ***Journal of Agriculture and Environment***. 1 (1); 143-147, Published by Faculty of Agriculture, Usmanu Danfodiyo University, Sokoto, Nigeria.
- (3) **Akinloye, O.A.** and Olorede, B.R. (2000): Effect of *Amaranthus spinosus* (Linn) leaf extract on haematology and serum chemistry of rats. ***Nigerian Journal of Natural Products and Medicine***. 04; 78-81, Published by The Nigerian Society of Pharmacognosy. www.njnpm.org.
- (4) **Akinloye, O.A.** and Olorede, B.R. (2001): Effect of *Amaranthus spinosus* (Linn) leaf extract on plasma lipid levels in rats. ***Sokoto Journal of Veterinary Sciences***. 3(1); 18-22, Published by Faculty of Veterinary Medicine, Usmanu Danfodiyo University, Sokoto, Nigeria.
- (5) Olorede, B.R., **Akinloye, O.A.** and Saidu, H. (2001): *Acacia nilotica* (Bagaruwa) seed pods as a replacement for maize in diets for rabbits, ***Nigerian Journal of Experimental and Applied Biology***. 2(2); 141-145, Published by the Department of Biological Sciences, Faculty of Sciences, University of Maiduguri, Maiduguri, Nigeria. www.njeab.org.
- (6) Ajagbonna, O.P., Esaigun, P.E., Alayande, M.O. and **Akinloye, O.A.** (2002): Antimalarial activity and haematological effect of stem bark water extract of *Nauclea latifolia*. ***Bioscience Research Communications***. 14(5); 481-486, Published by Nigerian Society for Experimental Biology. www.brc.org.
- (7) **Akinloye, O.A.**, Ahmed, A.S., Olorede, B.R. and Ajagbonna, O.P. (2002): Some biochemical effects of various doses of aqueous seed extracts of *Cassia occidentalis* in rabbits. ***Bioscience Research Communications***. 15(1); 85-90, Published by Nigerian Society for Experimental Biology. www.brc.org.
- (8) **Akinloye, O.A.** (2003): An evaluation of the toxic effects of *Hyptis suaveolens* leaf in rats. ***Nigerian Journal Natural Products and Medicine***. Vol. 07; 49-52, Published by the Nigerian Society of Pharmacognosy. www.njnpm.org.
- (9) **Akinloye, O. A.**, Idowu, C.O and Oke, T.O. (2004): Metal content and physicochemical properties of some beverages. ***An International Journal of Agricultural Sciences, Sciences, Environment and Technology (ASSET), Series B***. 3(1); 43-51, Published by Federal University of Agriculture, Abeokuta, Nigeria. www.unaab.edu.ng/asset/

- (10) Idowu, A.B., Akinloye, O.A and Ifede, O.D. (2006): Effects of *Hyptis suaveolens* ethanolic extract on physiology of albino rats. *Zoologist*. 1(4); 75-79, Published by Zoological Society of Nigeria.
- (11) Idowu, A.B., Akinloye, O.A. and Ogunlaru, O.O. (2006): Comparative studies of the effects of *Amaranthus spinosus* and *Amaranthus caudatus* leaf extract on the physiology of albino rats. *Zoologist*. 1(4); 45-48, Published by Zoological Society of Nigeria.
- (12) Akinloye, O.A. and Adamson, I. (2007): Developmental variability in some enzymic antioxidant properties of some vegetables commonly consumed in Nigeria. *An International Journal of Agricultural Sciences, Sciences, Environment and Technology (ASSET), Series B*. 6(2); 109-118, Published by Federal University of Agriculture, Abeokuta, Nigeria. www.unaab.edu.ng/asset/
- (13) Adeniyi, T.T., Ajayi, G.O and Akinloye, O.A (2008): Effect of ascorbic acid and *Allium sativum* on tissue lead level in female *Rattus navigicus*. *Nigerian Journal of Health and Biomedical Sciences*. 7(2); 38-41, Published by College of Medicine, Lagos State University, Lagos, Nigeria. <http://www.inasp.info/ajol>.
- (14) Adekunle, I.M., Ogundele, J.A., Oguntoke., O and Akinloye, O.A. (2010): Assessment of blood and urine lead levels of some pregnant women residing in Lagos, Nigeria. *Environmental Monitoring Assessment*. 170; 467-474, Published by Springer. www.springer.environ.monit.assess.com.
- (15) Idowu, O.M.O., Ajuwon, R.O., Oso, A.O and Akinloye, O.A. (2011): Effects of Zinc supplementation on laying performance, serum chemistry and Zn residues in tibia bone, liver, excreta and egg shell of laying hens. *International Journal of Poultry Science*.10(3); 225-230, Published by Asian Network for Scientific Information, www.ansinet.org/ijps.
- (16) Akinloye, O.A, Adamson, I., Ademuyiwa, O. and Arowolo, T.A. (2011): Paraquat toxicity and its mode of action in some commonly consumed vegetables in Abeokuta, Nigeria. *International Journal Plant Physiology and Biochemistry*. 3(4); 75-82, Published by Academic Journals. www.academicjournals.org/ijppb.
- (17) Akinloye, O.A and Solanke, O.O. (2011): Evaluation of hypolipidemic and potential antioxidant effects of pigeon pea (*Cajanus cajan* (L) mill sp) leaves in alloxan-induced hyperglycemic rats. *Journal of Medicinal Plant Research*. 5(12); 2521-2524, Published by Academic Journals, Nigeria. www.academicjournals.org/JMPR.
- (18) Idowu, O.M.O., Ajuwon, O.R., Fafiolu, A.O., Oso, A.O and Akinloye, O.A. (2011):

Modulation of cholesterol and copper residue levels in muscles and blood serum of finishing broiler chickens fed copper and ascorbic acid supplements. *Pakistan Journal of Nutrition*. 10(8); 781-985, Published by Asian Network for Scientific Information. www.pjn.org.

- (19) **Akinloye, O.A.**, Adamson, I., Ademuyiwa, O and Arowolo, T.A. (2011): Occurrence of paraquat residues in some Nigerian crops, vegetables and fruits. *Journal of Environmental Chemistry and Ecotoxicology*. 3(7); 195-198, Published by Academic Journals. www.academicjournals.org/JECE.
- (20) Lasisi, A.A., Folarin, O.M., Dare, E.O., **Akinloye, O.A.** and Fisuyi, M.O. (2011): Phytochemical, antibacterial and cytotoxic evaluation of *Raphiostylis beninensis* [Hook F. ex Planch] stem bark extract. *International Journal of Pharma and Bioscience*. 2(3); 489-495, Published by International Journal of Pharma and Bioscience, Indexed in Elsevier Bibliography. www.ijpbs.net.
- (21) **Akinloye, O.A.**, Adamson, I., Ajayi, O.E., Ademuyiwa, O and Arowolo, T.A. (2011): Changes in superoxide dismutase and catalase activities in response to paraquat treatments in two different varieties of *Celocia* vegetables. *International Journal of Scientific Research*. 1(2); 127-133. Published by International Centre for Advanced Studies – Nebadhoi School – Para, Dattapubar, North 24 Prgs, West Bengal. www.ijsr.org.
- (22) **Akinloye, O.A.** and Olaniyi, M.O. (2011): Hepatoprotective effect of *Cajanus cajan* on tissue defense system in D-galactosamine-induced hepatitis in rats. *Turkish Journal of Biochemistry*. 36(3); 237-241, Published by Turkish Biochemical Society.
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- ^x(118) Ore, A and **Akinloye, O.A** (2021) Phytotherapy as Multi-Hit Therapy to confront the multiple Pathophysiology in Non-Alcoholic fatty liver disease: A systematic Review of Experimental Interventions. **Medicina**. 57, (822), 1-17. Published by Lithuanian University of Health Sciences in Collaboration with Lithuanian Medical Association.
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inflammatory changes and dyslipidemic rats. **Asian Journal of Research in Biochemistry**, 9(4).

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- ^x(124) Dosumu, O.A., Taiwo, O.A., **Akinloye, O.A.**, Obadina, A.O., Rotimi, S.O., Owolabi, O.P and Ojo, O.A (2021) Implications of cannabis sativa on serotonin receptor 1B (HTR1B) and 7 (HTR7) genes in modulation of aggression and depression. **Vegetos**, 1-7. Published by Springer.
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EDITED CONFERENCE PROCEEDINGS.

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Association (NVMA), Sharubutu, G and Daneji, I. (Eds.) 156-162. Published by NVMA.

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(131) Olayinka, O.T., Idowu, A.B., Dedeke, G.A., **Akinloye, O.A.**, Ademolu., K.O and Bamgbola, A.A (2011) Earthworm as Biomarker of Heavy metal pollution around Lafarge, Wapco Cement Factory, Ewekoro, Nigeria. **Proceedings of the Environmental Management Conference, Federal University of Agriculture, Abeokuta, Nigeria**, 489-496.

^x(132) Ilesanmi, F.F., **Akinloye, O.A** and Ugbaja, R.N. (2017) Evaluation of proximate and phytochemical composition of *Cajanus cajan* seed extract. **Proceedings of the 5th National Conference and Annual General Meeting of Nigerian Women in Agricultural Research Development**, hosted by Federal University of Agriculture, Abeokuta, Nigeria. Omemu, A.M., Babajide, J.M., Sokoya, O.O Oderinde, O.A and Kosoko, S.B (Eds), 34-35. (12th-15th September, 2017).

^x(133) Ilesanmi, F.F., **Akinloye, O.A.**, Ugbaja, R.N., Olaniyi, M.O., Odusola, K.B and Ogungbemi, K (2019) Antihyperlipidaemic effects of *Cajanus cajan* seeds extract of streptozotocin-induced diabetic rats. **Proceedings of 5th Regional Food Science and Technology Summit**, held at Nigerian Stored Products Institute (NSPRI), Ilorin, Nigeria, Akinwande, B.A., Karim, O.R., Olatunde, S.J., Oyeyinka, S.A., Raji, A/. Abioye, V.F and Bolarinwa, I.F (Eds), 488-493. (10th - 11th June, 2019).

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10. MAJOR CONFERENCES (International and Local) ATTENDED WITH

PAPERS READ:

1. A 3-day Academic Retreat on University Ethics, Pedagogy and Examination Matters Organized by Federal University of Agriculture, Abeokuta. Held between 21st to 23rd June, 2021.
2. 2nd Biennial Conference on “Sustaining Biosciences for Human and Agricultural Development” Organized by College of Biosciences, Federal University of Agriculture, Abeokuta (FUNAAB), on November 12-15, 2019, held at Postgraduate School Auditorium, FUNAAB.
3. 4th Annual South-South Zonal Conference of Nigerian Society of Biochemistry and Molecular Biology (NSBMB), on The Role of Biochemistry and Molecular Biology in Sustainable Economic Development, held at University of Calabar on 7th – 8th October, 2019. Protective effect of *Curcuma longa* Lin (Turmeric Plant) extract against alcohol-induced oxidative stress and nephrotoxicity in female wistar rats.
4. Adekunle Ajasin University, Akungba-Akoko, Humboldt Kolleg (2018) Conference on “The role of Commercialization of University-Based Research Results for National Development” held at Adekunle Ajasin University, Akungba-Akoko, Ondo-State, Nigeria, on 4th-7th June, 2018.
5. Maiden Crawford University Science and Technology Conference and Fair with the theme “Science and Technology: Yesterday, Today and Tomorrow” Held at Crawford University Multipurpose Hall, Faith City, Igbesa, Ogun-State, Nigeria on 23-25 October, 2018. Evaluation of ethanolic extract of propolis on lipid metabolism in streptozotocin-induced diabetic rats.

6. Maiden Bioscience Annual Conference with the theme : Harnessing Bioscience for Economic Development” Organized by College of Biosciences, Federal University of Agriculture, Abeokuta, Nigeria.

Biochemical Evaluation of the heart and liver of female albino rats exposed to microwaved foods.

7. 5th Unibadan Conference of Biomedical Research, held at the Conference Centre, University of Ibadan on July 12-15, 2016.

Theobroma cacao stem bark ameliorates doxorubicin-induced oxidative damage and organ toxicity in experimental rats.

8. Indo-Global Healthcare Summit and Expo 2014, Innovations and Advances, held at Banjara Hills, Taj Krishna and Taj Deccan, Hyderabad, India on June 20-22, 2014.

Phytomedicine and Biochemistry: The Journey So Far.

9. International Conference on Biochemistry and Molecular Biology (ICBMB 2013) held at the Crown Plaza Hotel, Salahudin Street, Dubai, December 2-3, 2013.

Some untoward effects associated with the use of *Picralima nitida* seed extracts as antidiabetic agent: Biochemical and Histological Evidences.

10. ANDi Health Innovation for Development. 3rd Stakeholders meeting of the African Network for Drugs and Diagnostic Innovation, held at United Nation Office in Nairobi UNON Kenya, Oct. 11-13, 2010. Rectal artesunates and its utilization in the management of malaria in children, Abeokuta, Southwest, Nigeria (paper 248).

12. 4th Nigerian Institute of Food Science and Technology (NIFST) Western Chapter, held at the Federal University of Agriculture, Abeokuta, Ogun-State, Nigeria, 26-28th May, 2014. Nutritional Composition and Acceptability of cereal gruel (Ogi) produced from sorghum (*Sorghum bicolor*) fortified with Soybeans (*Glycine Max*) and Ginger (*Zingiber officinale*).

13. 48th Annual Conference of the Science Association of Nigeria (SAN) held at the Federal University of Agriculture, Abeokuta, Ogun-State, Nigeria, June 9th-June 14th, 2013. Antioxidant and Toxic Evaluation of *Picralima nitida* seed extracts in Alloxan-Induced Diabetic rats.

14. 47th Annual Conference of the Science Association of Nigeria (SAN) held at Landmark University, Omu-Aran Kwara State, Nigeria, August 26th –August 30th, 2012. Modulatory effects of paraquat on the levels of C-reactive protein, cholesterol and histology of organs in albino rats.

15. 32th Annual Scientific Conference of The Nigerian Society of Biochemistry and Molecular Biology (NSBMB) Calabar 2012, 14th-17th November, 2012.
16. 3rd Unibadan Conference of Biomedical Research 2012, Organized by the Faculty of Basic Medical Sciences, College of Medicine, University of Ibadan, Ibadan, Nigeria, held at University of Ibadan, Ibadan, July 24-27, 2012.
Modulatory effects of stem bark extract of *Alstonia boonei* on some biochemical parameters in *Plasmodium berghei* infected mice.
17. Nigerian Society for Experimental Biology (NISEB) 2010, University of Ibadan.
Hepatoprotective activity of *Cochlospermum tinctorium* against carbon tetrachloride induced hepatotoxicity in rats.
18. 29th Annual Conference of The Nigerian Society of Biochemistry and Molecular Biology (NSBMB) 2009, held at FUTA, Akure.
19. 3rd International Conference on Science and National Development, Organized by COLNAS, UNAAB (Now FUNAAB), 24th-27th Nov. 2008.
Occurrence of paraquat residues in some Nigerian crops, vegetables and fruits.
20. 27th Annual Conference of the Nigerian Society of Biochemistry and Molecular Biology (NSBMB), held at Federal University of Technology, Owerri, Nigeria, 6-9th November, 2007. Changes in superoxide dismutase and catalase activities in response to paraquat in two different species of *Celocia* vegetables.
21. 2nd International Conference on Science and National Development, Organized by COLNAS, UNAAB (Now FUNAAB), 10th-13th Oct. 2006.
22. 1st International Conference on Science and National Development, Organized by COLNAS, UNAAB (Now FUNAAB), 25th -28th Oct. 2004.
Quality assessment of some commonly consumed beverages in Nigeria.
23. 25th Annual Conference of the Nigerian Society of Biochemistry and Molecular Biology/Federation of African Society of Biochemistry and Molecular Biology, West African sub-region, University of Lagos, Akoka-Lagos, Nigeria, Nov 15th-18th, 2005.
Haematobiochemical and histopathological studies of paraquat challenged rats.
24. 20th Annual Conference of the Nigerian Society of Biochemistry and Molecular Biology (NSBMB) held at Usmanu Danfodiyo University, Sokoto, 18th-21th Sept. 2000. Isolation and characterization of acid phosphatase from the hemolymph of giant African land snail (*Archachatina marginata*).

25. 20th Annual Conference of the Nigerian Society of Biochemistry and Molecular Biology (NSBMB) held at Usmanu Danfodiyo University, Sokoto, 18th-21th Sept. 2000. Food Poisoning in Sokoto metropolis, North Western Nigeria.

11. INFORMATION ON FELLOWSHIP, MASTER'S PROJECTS AND Ph.D THESIS SUPERVISED

POSTGRADUATE SUPERVISION.

1. Partial purification and characterization of α -glucosidase from *Trichoderma longbrachiatum*. Mosaku, O.S. M.Sc. PG 08/0370, Completed, Major supervisor, Biochemistry.
2. Hypoglycemic, antioxidant and toxicological evaluation of *Picralina nitida* seed extract in alloxan-induced diabetic rats. M.Sc. Adeleye, O.O. PG 09/ 0095, Completed, Major supervisor, Biochemistry.
3. Toxicological evaluation of *Croton zambesicus* in mice. M.Sc Njoku, H.U. PG 09/0096, Completed, Major supervisor, Biochemistry.
4. Hypoglycemic and antimalaria properties of *Momordica charantia* and its effect on organ function in malaria- induced diabetic mice. M.Sc. Ajayi, E.O. PG08/0384, Completed. Co-supervisor, Biochemistry.
5. Rural community based introduction of rectal artesunate as pre-referral and therapeutic treatment of childhood malaria in Ogun-State, Southwest, Nigeria. Agbeyangi, O.A. Ph.D. PG06/0035, Completed, Co-supervisor, Biological Sciences.
6. Assessment of blood and urine lead levels of some pregnant women residing in Lagos, Nigeria. Ogundele, A.J. M.Sc. PG01/0239, Completed. Co-supervisor, Environmental Toxicology.
7. Effect of copper sulphate and probiotic as feed additives on laying performance, gut microflora, copper residues on copper residues in products and cholesterol status of hens. Bamidele, S.A. M.Agric. PG08/0055, Completed, Co-supervisor, Animal Nutrition.
8. Effect of dietary copper and probiotic supplementation, performance, nutrient digestibility residues in blood of broiler chicken. Oguntoye, M.A M.Sc. PG08/0060. Completed. Co-

- supervisor, Animal Nutrition.
9. Effect of dietary supplementation of organic and inorganic copper in starter and grower's turkeys. Durojaiye, O.E. M. Agric. PG07/0092. Completed. Co-supervisor, Animal Nutrition.
 10. Salt, sugar, fat intake and cardiovascular risk factors of Civil Servants in Abeokuta, Ogun-State, Nigeria. Nupo, S.S. Ph.D. PG07/0073. Completed. Co-supervisor, Nutrition and Dietetics.
 11. Production of Tannase from fungi isolated from dried fish. Liadi, A.I. M.Sc. PG09/021. Completed. Co-supervisor, Microbiology.
 12. Toxicological studies and *in-vivo* evaluation of Fe(III) AND Zn(II) metal complexes of artesunates against *Plasmodium Berghei* in mice. Asogwa, N.T. M.Sc. PG09/0098. Completed, Co-supervisor, Biochemistry.
 13. Hypocholesterolemic properties and effects kidney bean seed of *Phaseolus vulgaris* on hematological parameters of albino rats. Olanipekun, O.T. M.Sc. PG09/0100. Completed, Co-supervisor, Biochemistry.
 14. Effect of vitamin D on organ function of artemisinin combination therapy treated malaria mice. Atoloye, M.O. M.Sc. PG09/0099. Completed, Co-supervisor, Biochemistry.
 15. Earthworm and soil microbes as bio-indicator of heavy metal pollution around Lafarge, WAPCO Cement factory, Ewekoro, Nigeria. Olayinka, O. T. M.Sc. PG08/0373. Completed. Co-supervisor, Biological Sciences
 16. Evaluation of some biochemical and hematological parameters in malaria-HIV co-infections among pregnant women in Abeokuta, Ogun-State, Nigeria. Obe, V.O. M.Sc. PG08/0096, Completed, Co-supervisor, Biological Sciences.
 17. Partial purification and biochemical properties of lipases from germinating palm seeds and mesocarp of *Raphia palm*. Okunwaye, T. M.Sc. PG10/00101, Completed, Major supervisor, Biochemistry.
 - 18. Biochemical modulatory properties of *Cajanus cajan* and *Moringa oleifera* in Hypertensive and diabetic-induced rats. Ilesanmi, F.F. Ph.D PG10/0099, Completed, Major supervisor, Biochemistry.**
 19. Protective effect of *Moringa oleifera* and *Azadirachta indica* leaf extracts in gentamicin-induced hepatorenal toxicity in rats model. Akinyemi, A.K. M.Sc. PG10/0096. Completed, Major supervisor, Biochemistry.

20. Effect of *Phyllanthus amarus* ethanolic leaf extract on some membrane bound and antioxidant enzymes in diabetic rats. Yinusa, Y. M.Sc. PG10/00104. Completed, Major supervisor, Biochemistry.
21. Toxicity of 2,3-dichlorovinyl dimethyl phosphate (Sinper 1000 EC) on *Clarias gariepinus* and *Oreochromis niloticus* under laboratory conditions in Minna, Niger-State. Abubakar, M. Ph.D. PG07/0118. Completed, Co-supervisor, Fishery and Aquaculture.
22. Clinico-Chemical changes of experimental oral exposure to lead in male albino rats. Okediran, Babatunde Samuel, Ph.D– PG02/0363- Completed, Co-supervisor, COLVET
23. Antimicrobial activity, antioxidant screening and toxicity evaluation of *Senna alata* leaves, flower and bark, Oluwatobi, Oluremi Bamidele- M.Sc - PG09/00214- Completed, Co-supervisor, Microbiology.
24. Neonatal sepsis: Microbiological profile and diagnostic role of procalcitonin, Arowosegbe, Adediwura O.–M.Sc- PG11/0476- Completed, Co-supervisor, Microbiology.
25. Enzymatic transesterification of used palm oil and engine oil in the production of biodiesel, Falokun, Esther Imoleayo- M.Sc- PG 11/00485 – Completed, Co-supervisor, Microbiology.
26. Comparative effects of the ethanolic extract of *Cnidioscolus aconitifolius* with vitamin C on dimethyl nitrosamine-induced toxicity in male wistar rats, Somade Oluwatobi Temitope- Ph.D- PG12/0379- Absconded, Major Supervisor, Biochemistry.
27. **Organo-protective effect of the methanolic extract of *Jatropha gossypifolia* leave on Cypermethrin-induced toxicity in wistar rats, Faokunla, Opeyemi – Ph.D- PG11/00176- Completed, Major Supervisor, Biochemistry.**
28. Anti-inflammatory and antipyretic potentials of West African Black Pepper (*Piper guineense*) seeds and leaves in wistar rats. Odediran, O.A –M.Sc, PG11/00180, Completed, Co-supervisor, Biochemistry.
29. **Evaluation of biochemical effects of *Sapium ellipticum* (Hochst) pax leaf extract in wistar rats, Ighodaro, Osasenaga Macdonald – Ph.D - PG12/0376 – Completed, Major Supervisor, Biochemistry.**
30. **Investigation into mechanism of anti-diabetic activity of methanolic leaf extracts of *Costus afer* and Biochemical evaluation of its anti-diabetic properties on Type-2 diabetes rats and 3T3-L1 adipocytes models. Atere, Tope Gafar – Ph.D – PG12/0374, Completed, Major, Biochemistry.**

31. Hepatoprotective effects of *Hyptis suaveolens* leaves in isoniazid and rifampicin induced hepatotoxicity in wistar rats. Ogunyomade, A.Y- M.Sc, - PG11/00181- Completed, Major, Biochemistry.
32. Purification and characterization of glutathione-S-transferase in cockroach (*Periplaneta americana*) Rufai, M.A M.Sc, - PG11/00185- On-going, Major, Biochemistry.
33. Evaluation of the hypoglycemic and antioxidant potentials of aqueous and ethanolic extracts of the corm of *Gladiolus psittacus* in streptozocin-induced diabetes rats. Odedeyi, M.O - M.Sc- PG11/00179, Completed, Major, Biochemistry.
34. Phytochemical screening, hypoglycemic and antioxidant potentials of aqueous extract of *Combretum micranthum* leaves in streptozocin-induced diabetic rats. Otusanya, Moyosola Joseph- M.Sc PG11/0209- Completed, Major- Biochemistry.
35. Evaluation of some Biochemical and Immunological perturbations associated with exposure to Nigerian Bonny light crude oil in albino rats. Ikanone Christopher Ese. Ph.D - PG12/0377 – Absconded, Major – Biochemistry.
36. The use of modified cocoa shell in low molecular weight natural rubber compounding. Bello, Olalekan Hammed. M.Sc – PG10/0123 – Completed, Co-supervisor, Chemistry.
37. Anti-psychotic properties of ethanol leaf extract and oxidative damage of *Lagereria breviflora* (Tagiri) in ketamine-induced schizophrenia-like behavior in male wistar rats. Rufai, A.M M.Sc- PG11/0212- On-going, Major, Biochemistry.
38. Biodegradation of paraquat dichloride contaminated soil with fermented corn steep. Yahaya, Paulina Blessing. M.Sc. – PG12/0493- Completed, Co-supervisor, Microbiology.
39. Metal complexes of thiosemicarbazide-isonicotinic acid mixed ligand: Synthesis, characterization and antimicrobial activities. Liadi, Shefiu Babatunde. M.Sc. - PG12/0411- Completed, Co-supervisor, Chemistry.
40. Toxigenic *Escherichia coli* in the environment, feed and faecal matter of poultry, monogastric and ruminant farm animals. Nwachukwu, Blessing Chidinma. M.Sc. – PG13/0109 – Completed, Co-supervisor, Microbiology.
41. Citric acid production from orange and pawpaw peels with wild and mutant *Aspergillus niger* using solid state fermentation. Abiola, Hikmat Titilayo. M.Sc. – PG12/0494 – Completed, Co-supervisor, Microbiology.
42. Nutrient composition, fatty acids and lipid profile of pastry based franchised fast foods in three South-Western states of Nigeria. Uthman-Akinhanmi, Yewande Olajumoke. Ph.D – PG06/0256 – Completed, Co-supervisor, Nutrition and Dietetics.

43. The use coconut shell in natural rubber compounding. Quadri, Rasak Kolawole. M.Sc – PG12/0410 – Completed, Co-supervisor, Chemistry.
44. Physiological studies of seed germination and seedling growth of some underutilized vegetables crops of Southwest Nigeria. Fadimu, Idris Olatoye. M.Sc-PG13/0141- Completed, Co-supervisor, Pure and Applied Botany
45. Phytochemical and proximate contents of *Solanum lycopersicum L.* and *Trichosanthes cucumerina* and their utilization in Abeokuta, Ogun-State. Ugbaja, Clementina Chekwube. M.Sc-PG13/0353 – Completed, Co-supervisor, Pure and Applied Botany.
46. Effect of Propolis on electrolyte level in streptozotocin-induced diabetic rats. Adeniji, Azeez Adedayo. M.Sc – PG 12/0370 – Absconded, Co-supervisor, Biochemistry.
47. Effect of Propolis on lipid metabolism in streptozotocin-induced diabetic rats. Fatokun, Tolulope P. M.Sc – PG 14/0105 – Completed, Co-supervisor, Biochemistry.
48. Heavy metal speciation and health risk assessment of soil and jute mallow (*Corchorus olerius*) collected from a farm settlement in Ikorodu, Lagos State. Makanjuola, Olatunji, Mojeed. MEMP – PG 14/0048 – Completed, Co-supervisor, Environmental Management and Toxicology.
49. Effects of fertilizer and pesticide application on pesticide residues in soil and health risk assessment in vegetable. Adetunji, Oluwabamike Waliat. MEMP – PG 14/0521 – Completed, Environmental Management and Toxicology.
50. Development of oil in water (O/W) Nanoemulsion formulations for spontaneous transdermal delivery of drug. Bamisaye, Olusegun Abayomi. M.Sc. – PG 13/0623 – Completed, Co-supervisor, Chemistry.
51. Development of Biodegradable mulch films from starch/LDPE polymer composite. Ayedun, Gbemileke Solomon. M.Sc.-PG 13/0054 – Completed. Co-supervisor, Chemistry.
52. Comparative properties and investigations in the use of natural fibres from *Delonix regia* and *Albizia zygia* fruit pods as additives in natural rubber composites. Completed, Gabriel Opeoluwa. M.Sc.- PG13/0305- Completed Co-supervisor, Chemistry.
53. Chemical and microbial evaluation of some brands of Co-trimoxazole tablets sold in Abeokuta, Ogun-State. Adeniji, Olufunmlola Stella. M.Sc. PG 12/0400- Completed. Co-supervisor, Chemistry.
54. Biosynthesis of ascorbic acid from brewery spent grain by genetically modified free and immobilized *Aspergillus flavus* and *Aspergillus tamari*. Banjo Temitope Temitayo. Ph.D. PG 05/0095- Completed, Co-supervisor, Microbiology.

55. Environmental and toxicological assessment of atrazine usage in Nasarawa States, North Central, Nigeria. Udeogu, V. Ogochukwu Ph.D. PG 11/0416- Completed, Co-supervisor, Environmental Management and Toxicology.
56. Toxicological Evaluation of the ethanolic corm extract of *Gladiolus psittacinus* (Baka) in male albino rats. Adegbaso, Oluwagbemileke Caleb. M.Sc. PG 12/0369-Absconded. Major Supervisor, Biochemistry.
57. **UHPL-ESI-QTOF-MS/MS Analysis of hydroethanolic extract of defatted Buchholzia coriacea seeds and its hepatoprotective effects in murine models of acute and chronic hepatic diseases. Ore Ayokanmi. Ph.D. PG15/0080- Completed. Major, Biochemistry.**
58. Status of *Wuchereria bancrofti* infection and molecular characterization of mosquito vectors in six Local Government Areas, Ogun State, Southwest, Nigeria. Adepoju, Oluwafunmilola D. Ph.D PG 15/0173- Completed, Co-supervisor, Pure and Applied Zoology.
59. Effect of Hormonal treatment and Coconut water on seed germination and vegetative growth of pigeon pea (*Cajanus cajan* (L) Mill sp seedling. Ogunjimi, Adeyemi Gbenga M.Sc. PG14/0653 – Completed, Co-supervisor, Pure and Applied Botany.
60. Adequacy of micronutrient and bioavailability of standardized maize and sorghum based complementary foods in Ogun-State, Nigeria. Olutayo, Kolawole Olukunmi, Ph.D. PG14/0076 – On-going, Co-supervisor, Nutrition and Dietetics.
61. Nutritional status and metabolic responses to work stress among health workers in Ogun-State, Nigeria. Bolajoko, Opeyemi O. Ph.D PG09/0234 – Completed. Co-supervisor, Nutrition and Dietetics.
62. **Evaluation of antidiarrheal potential of Bambara groundnut (*Vigna subterranean* {L.} *Verde*) condiment in male wistar rats. Olanipekun, Oyeyoyin Taiwo. Ph.D PG14/0101. Completed, Major Supervisor, Biochemistry.**
63. Formulation of Nanoemulsion for transdermal delivery of drug. Bamisaye, Abayomi Olusegun. Ph.D. PG13/0623. Completed, Co-supervisor, Chemistry.
64. **Screening and characterization of Phyto-inhibitors of receptor Tyrosine Kinases as Novel Drug Phyto-scaffold in cancer: DMBA model of breast Carcinoma in wistar rats. Metibemu, Damilohun Samuel. Ph.D. PG15/0534. Completed, Major, Biochemistry.**

65. Prophylactic effects of methanolic extract of African walnut (*Plukenetia conophora*) leaf against doxorubicin-induced inflammation and oxidative stress in rats. Toriola Mubaraq A. M.Sc. PG 15/0168- Completed. Major, Biochemistry.
66. Anti-inflammatory potentials of methanolic extract of Date Palm fruits (*Phoenix dactylifer*). Adewale, Abiodun Olaiya. M.Sc. PG 15/0438- Completed. Major, Biochemistry.
67. Protective potential of Wild garlic bulb (*Allium vineale*) bulb methanol extracts in doxorubicin-induced oxidative stress and inflammation in male wistar rats. Odubiyi, Abiola Esther. M.Sc. PG 15/0482- Completed. Major, Biochemistry
68. Anti-inflammatory potentials of methanolic extract of Spiny pigweed (*Amaranthus spinosus*) Ogunbiyi, Oluwabunmi Elizabeth. M.Sc. PG 15/0345- Completed. Major, Biochemistry.
69. *In vivo* study of the anti-inflammatory potential of aqueous extract of Sorghum leaf (*Sorghum bicolor*) in wistar rats. Salami Olarenwaju Adewale. M.Sc. PG 15/0447- Completed. Major, Biochemistry.
70. Effects of Marijuana on serotonin gene expression and neurotransmission in male albino rats. M.Sc. Taiwo Odunayo Anthonia PG 15/0103- Completed. Co-supervisor, Biochemistry.
71. Kinetics, Thermodynamics and Optimization of process variables of acid hydrolysis of cellulose from cassava peels. M.Sc. Oladeji, Olugbenga Bowale. PG10/0125, On-going, Co-supervisor, Chemistry.
72. Molecular characterization of clinically isolated dermatophyte within Lagos metropolis and their susceptibility to extracts of selected medicinal plants and honey. Ph.D. Olanlege Abdul-Lateef Olatunde, PG 12/0521 – On-going, Co-supervisor, Microbiology.
73. Effects of *Ficus exasperate* stem bark on pro and anti-apoptotic gene expression in dimethylnitrosamine-induced hepatocarcinoma in wistar rats. M.Sc. Alabi, Sunday Olaitan, PG 16/0102- On-going, Major, Biochemistry.
74. Modulatory effects of *Hunteria umbellate* extract on alpha feta protein and angiogenesis genes in diethylnitrosamine-induced hepatocarcinoma induced wistar rats: *in silico* and *in vivo* studies. M.Sc. Kayode, Oluwatobi Ayodeji. PG 16/0156 – On-going, Major, Biochemistry
75. Physiological studies on seed germination, seedling growth and effect of organic and inorganic fertilizer on five varieties of cassava (*Manihot esculenta* Krantz). M.Sc.

- Onawoga, Deborah Anuoluwapo. PG 15/0023)- Completed, Co-supervisor, Pure and Applied Botany.
75. Effects of *Calliandra protoricensis* root bark methanol extract on high fat –induced oxidative stress and dyslipidemia in male wistar rats. Ph.D. Siemuri, Ogugu Eze. PG 15/0391- On-going, Major, Biochemistry
 76. Evaluation of the protective effect of *Xylopia aethiopica* fruit ethanol extract on cadmium-induced oxidative stress, inflammation and hyperlipidemia in male albino rats. M.Sc. Ayodele, Peter Folorunso, PG 16/0041. Completed, Major, Biochemistry
 77. Ameliorative effects of Golden melon (*Cucumis melon*) fruit pulp aqueous extract on high salt-induced hypertension in male albino rats. M.Sc. Onabowale, Opeoluwa Olufunmilola, PG 16/0560. Completed, Major, Biochemistry.
 78. Evaluation of hepatoprotective and antidyplipidemic potentials of *Kigelia Africana* fruit (Pandoro) ethanol extract in cadmium-induced toxicity in male albino rats. M.Sc. Williams Olawale, Dada, PG 16/0032, Completed, Major, Biochemistry.
 79. Purification and Characterization of Glutathione-S-transferase in the liver of rats exposed to Glyphosate. M.Sc. Oyewole, Olawale Moses, PG 16/0569. On-going, Major, Biochemistry.
 80. Kinetics, equilibrium, thermodynamics and optimization studies of the removal of anionic dyes from aqueous solution by magnetic supported corncob. M.Sc. Akinloye, Olaoluwa Jacob. PG 15/0045. Completed, Co-supervisor, Chemistry.
 81. Kinetics, thermodynamic and isothermal studies of dyes and insecticide removal from aqueous solutions by metal-ferrites modified chitosan. Ph.D. Osideko, Oluremi Abosedo, PG 11/0248, Completed, Co-supervisor, Chemistry.
 82. Plasmid profiling of *Acinetobacter baumannii* isolated from wounds of patients attending Federal Medical Centre, Abeokuta, Ogun-State, Nigeria. M.Sc. Fasuyi, Oluwagbemisola Christianah, PG 16/0046, Completed, Co-supervisor, Microbiology.
 83. Development and evaluation of natural rubber membrane for sustainable drug release application. Ph.D. Ilesanmi, Nathanael Yinka, PG 14/0562, Completed, Co-supervisor, Chemistry.
 84. Immobilization of *Aspergillus niger* on bio-natural surfaces of vegetable sponge of *Luffa aegyptica* and structural fibrous network of *Carica papaya* for cellulase production. M.Sc. Babayanju, Latifat Olajumoke, PG 17/0157, On-going, Co-supervisor, Microbiology

NUMBER OF POSTGRADUATES STUDENTS SUPERVISED

SUCCESSFULLY AS MAJOR SUPERVISOR

7 Ph.D {As Major Supervisor} - Details are in bolded fonts above

14 M.Sc {As Major Supervisor}

12. EXTRA CURRICULA ACTIVITIES: (i) Footballing (ii) Watching educative films.

13. REFEREES:

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