

OJO, Opeolu Oyejide, PhD, AMRSC, CSci, FIBMS

CONTACT

Biosciences Research Education and Advisory Centre

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EDUCATION

- Elected FIBMS (2014)
- Awarded CSci (2014)
- PhD, Diabetes Research - University of Ulster, Coleraine, UK (2012)
- Elected AMRSC (2012)
- M.Tech Biochemistry – Fed. Univ. of Tech., Yola, Nigeria (2006)
- Postgraduate Diploma in Science Education - Fed. Univ. of Tech., Yola, Nigeria (2005)
- B.Sc. Biochemistry - Obafemi Awolowo University, Ile-Ife, Nigeria (1999)

AWARDS

- Young Endocrinologist Trainee Award, The Society of Endocrinology (2012)
- O'Donovan Medal, Irish Endocrine Society (2011)
- EASD Young Scientists Training Award, European Society for the Study of Diabetes (2011)
- Vice Chancellor Research Scholarship, University of Ulster, Coleraine (2009)
- Innovators of Tomorrow Award, STEP-B Project, Nigeria (2009)

CURRENT POSITION

- Director of Research - Bioscience Research Education and Advisory Centre, Yola, Nigeria (05/2014 – till date)

CONCURRENT POSITION

- Founder – Cecejyde Lifesciences Limited, Nigeria (11/2014 – till date)
- Research Associate in Diabetes - Diabetes Research Group, School of Biomedical Sciences, University of Ulster, UK (01/2013 – 03/2015)

PAST POSITIONS

- Lecturer I/Senior Research Fellow: Biotechnology Department, School of Pure and Applied Sciences/Chevron Biotechnology Centre, Federal University of Technology, Yola, Nigeria (10/2011 – 10/2014)
- Personal Assistant to the Vice Chancellor on Development and International Collaborations - Federal University of Technology, Yola, Nigeria (2009 – 2013)
- Lecturer II/Research Fellow - Biotechnology Department, School of Pure and Applied Sciences/Chevron Biotechnology Centre, Federal University of Technology, Yola, Nigeria (10/2009 – 10/2011)
- Nigerian Representative/Member Technical Support Team - Applied Biotech Inc., Plantation, Florida (2008 – 2013)
- Assistant Lecturer/Research Officer - Biotechnology Department, School of Pure and Applied Sciences/Chevron Biotechnology Centre, Federal University of Technology, Yola, Nigeria (2006 – 2009)
- Lecturer III - Department of Integrated Science, Federal College of Education, Yola, Nigeria (2004 - 2006)
- Assistant Lecturer - Department of Integrated Science, Federal College of Education, Yola, Nigeria (2001 -2004)

PROFESSIONAL TRAINING

- Role of reactive metabolites in late diabetic complications at University of Heidelberg Teaching Hospital, Heidelberg, Germany (October, 2011)
- Business planning and development at Pan African University (Lagos Business School), Lagos, Nigeria (September, 2009)
- Applied biotechnology and molecular biology at South Eastern Zonal Centre, National Biotechnology Development Agency (NABDA), University of Nigeria, Nsukka, Nigeria (May, 2009)
- Bioinformatics tools for comparative biology of *Glossina morsitan* at South African National Bioinformatics Institute, University of Westerncape, Cape Town, South Africa (August, 2008)
- Plant and microbial transformation techniques at Biotechnology Centre, University of Agriculture, Abeokuta, Nigeria (October, 2007)
- Basic molecular biology techniques for DNA manipulations at Biotechnology Centre, University of Agriculture, Abeokuta, Nigeria (July, 2007)

RESEARCH PUBLICATIONS

- 31 peer reviewed journal articles
- 2 book chapters
- 14 short communications/conference abstracts
- 1 patent filed

A list of publications is attached as Appendix.

PATENT

- Abdel-Wahab, Y.H.A., Flatt, PR., Ojo, OO and Conlon, J.C. Esculentin-2CHa peptide and analogues thereof. Filed on 31 January 2014 under UK Patent Application No. 1401673.7

RESEARCH FUNDING

Research Spin-out Grant

- Youth with Innovations (YouWin) grant for the establishment of Cecejyde Lifesciences Limited, Nigeria. Awarded by the President, Federal Government of Nigeria; NGN 10,000,000 (~£40,000), Awarded October, 2014; (Sole Awardee)

Research Grants

1. Novel amphibian peptides for the treatment of type-2 diabetes; Diabetes UK; £176,000; 2012 – 2015 (Co-Investigator)
2. Novel Amphibian skin peptides for the treatment of type 2 diabetes; Invest NI Proof of Concept Grant; £125,000; 2014-2015 (Co-Investigator)
3. Pharmacological studies of novel amphibian skin peptide-analogues for the treatment of type-2 diabetes; Irish Endocrine Society Small Grant Scheme; £8292; 2012 – 2013 (Co-Investigator)
4. Esculentin-2CHa and its substituted analogues as novel peptides for treatment of type 2 diabetes; University of Ulster Technology Innovation Centre - Proof of Principle Grant; £7974; 2012 (Co-Investigator)
5. Pilot testing of the insulin-releasing effects of a novel antimicrobial peptide, (caerulin precursor fragment, CPF-AM1) isolated from the skin secretion of the African frog, *Xenopus amietii*; Diabetes, Endocrinology and Nutritional Research Group Small Grant; £1200; 2012 (Co-Investigator)
6. Characterization of Oil degrading microbes in Niger Delta region of Nigeria; Innovators of Tomorrow Grant, Science and Technology Post-Basic (STEP-B), Nigeria; \$20,000; 2010-2012 (Principal Investigator)
7. Capacity Building for Advanced Molecular Biology and Biotechnology; Science and Technology Post-Basic (STEP-B) Project, Nigeria/World Bank; \$234,000; 2009 –2012 (Principal Investigator)
8. Capacity Building for Bioinformatics and Computational Biology; Science and Technology Post-Basic (STEP-B) Project, Nigeria/World Bank; \$228, 768.75; 2009 –2012 (Principal Investigator)

Travel Grants

- Travel grant of the Society for Endocrinology to SET for Britain 2014 at House of Commons, London; March 17, 2014.
- Travel grant of the Endocrine Society to the 49th Annual Meeting of the Endocrine Society, Houston, Texas, USA; June 23 -26, 2012.
- Basic Research Meeting Grant of European Society of Endocrinology to the 15th International and 14th European Congress of Endocrinology, May 05 – 09, 2012, Florence, Italy
- Travel grant to the Annual Meeting of The International Society for Computational Biology (ISCB) and The African Society for Bioinformatics and Computational Biology (ASBCB), November 30 – December 03, 2009, Bamako, Mali

STUDENT SUPERVISION

PhD Thesis

S/No	Student	Title	Year	Status	Remark
1	Bosede Owolabi	Discovery of novel bioactive compounds with insulin-releasing or glucose lowering effects for the treatment of diabetes	2013 -	Ongoing	Collaborative Supervision

M.Sc Supervision

S/No	Student	Title	Year	Status	Remark
1	Daniel Kwada Ayuba	Bioactive secondary plant compounds in the foliage and stem bark of <i>Eucalyptus camaldulensis</i> Dehn, grown in Yola, Adamawa State	2007	Completed	Collaborative Supervision
2	Justin Eromonsele Omijeh	Antidiabetic effects of extracts of <i>Anacardium occidentale</i> in alloxan-induced rats	2008	Completed	Sole Supervision
4e	Prasad S. Shinde	Isolation and Characterization of insulin-releasing and glucose-lowering agents from European and Indian Plants used traditionally for the treatment of diabetes	2010	Completed	Collaborative Supervision
5	Dinesh Srinivasan	Insulin releasing properties of magainin-AM2 peptide isolated from skin secretions of <i>Xenopus amieti</i> frog	2010	Completed	Collaborative Supervision
6	Nicholas Devlin	Comparison of the insulin releasing properties of Alyteserin-2a and [Lys3]Alyteserin-2a peptides isolated from skin secretions of the midwife toad <i>Alytes obstetricans</i>	2011	Completed	Sole Supervision
7	Mohammad Al-Thubiti	Insulin releasing properties of esculentin-2CHa peptide isolated from skin secretion of <i>Lithobates chiricahuensis</i> frog.	2011	Completed	Sole Supervision
8	Adetoye Ojeniyi	Insulin-releasing activities of XPF-SE2 isolated from the skin secretions of <i>silurana epitropicalis</i> frog	2012	Completed	Sole Supervision
9	Dawood Khan	Antidiabetic effects of tigerinin-1R and its tryptophan substituted analogues	2013	Completed	Collaborative Supervision
10	Vishal Musale	Characterization of anti-diabetic actions of purified HPLC fractions of <i>Tamarindus indica</i>	2013	Completed	Sole Supervision
11	Dipak Sarnobat	Insulinotropic activities of [DLys 6] substituted analogue of Hymenochirin-1B peptide isolated from skin secretion of frog <i>Hymenochirus boettgeri</i>	2014	Completed	Collaborative Supervision
12	Eibhlin McCole	[Lys21]-PGLa-AM1: A novel insulin releasing peptide analogue for the treatment of type 2 diabetes	2014	Completed	Sole Supervision

CONSULTANCY SERVICES/TRAINING FACILITATION

- STEP/UP Demonstrator for University of Ulster, Coleraine (2009 – 2012).
- Workshop Trainer for STEP-B/World Bank on Capacity Development, Training for research in Applied Molecular Biology and Biotechnology Africa (December, 2011)
- Workshop Trainer for National Biotechnology Development Agency of Nigeria, Training in Applied Molecular Biology and Biotechnology (May, 2009)
- Workshop Trainer for Covenant University, Ota, Nigeria, Training in Advance Molecular Biology and Applied Biotechnology (August, 2008)
- Workshop Organizer for Federal University of Technology, Yola, Nigeria for Training in Applied Biotechnology and Advanced Molecular Biology (July, 2008)
- Workshop Trainer for the Federal Government of Nigeria, Millennium Development Goals Education Project (April, 2005)

NATIONAL/INTERNATIONAL COMMUNITY SERVICE

- Representative of the Society of Endocrinology to the UK Parliament's Voice of Future Event, House of Commons, Westminster, London (March, 2013)
- Chief Scientific Officer, Bioscience Research Education and Advisory Centre, Yola, Nigeria (2012 – till date)
- Assistant General Secretary – Biotechnology Society of Nigeria (2010 – 2011)
- Personal Assistant to The Vice Chancellor, Federal University of Technology, Yola, Nigeria (2008 – 2009)
- Member, Examinations Committee, School of Pure and Applied Sciences, FUT, Yola, Nigeria (2007 – 2008).
- Acting Head, Department of Biotechnology, School of Pure and Applied Sciences, FUT, Yola (2007-2008)
- Member, Schools Board Committee, School of Pure and Applied Sciences, FUT, Yola, Nigeria (2007 – 2008)
- Public Relations Officer – Biotechnology Society of Nigeria (2006 – 2010)
- Parish Pastor, Redeemed Christian Church of God, Overcomers Parish, Yola, Nigeria (Leader, 2005 – 2009)
- Examination/Students' Advisory Officer, Department of Integrated Science, Federal College of Education, Yola, Nigeria (2003 – 2006)
- Chairman, Adamawa State Gospel Artistes Association (Leader, 2002 – 2007)
- Choir Leader, Nigerian Christian Corpers' Fellowship Choir, Adamawa State, Nigeria (Leader, 1999 – 2000)
- General Secretary, Biochemistry Students Society, Obafemi Awolowo University, Nigeria (General Secretary, 1994 – 1998)

ADMINISTRATIVE EXPERIENCE

- Radiation Protection Supervisor, School of Biomedical Sciences, University of Ulster, Coleraine (2013– 2014)
- Assistant General Secretary – Biotechnology Society of Nigeria (2010 – 2011)
- Personal Assistant to The Vice Chancellor, Federal University of Technology, Yola, Nigeria (2008 – 2009)
- Acting Co-ordinator, Chevron Biotechnology Centre, Federal University of Technology (FUT), Yola, Nigeria (2007 – 2008)
- Principal Investigator, Drug Discovery Research Unit, Chevron Biotechnology Centre, FUT, Yola (2006 – 2009).
- Member, Examinations Committee, School of Pure and Applied Sciences, FUT, Yola, Nigeria (2007 – 2008).
- Acting Head, Department of Biotechnology, School of Pure and Applied Sciences, FUT, Yola (2007 - 2008)
- Member, Schools Board Committee, School of Pure and Applied Sciences, FUT, Yola, Nigeria (2007 – 2008)
- Public Relations Officer – Biotechnology Society of Nigeria (2006 – 2010)
- Examination/Students' Advisory Officer, Department of Integrated Science, Federal College of Education, Yola, Nigeria (2003 – 2006)
- Drug Discovery research team of Chevron Biotechnology Centre, FUT, Yola, Nigeria (Leader, 2006 – 2009)
- National Executive Committee, Biotechnology Society of Nigeria (Member, 2006 – 2009)
- Redeemed Christian Church of God, Overcomers Parish, Yola, Nigeria (Leader, 2005 – 2009)
- Adamawa State Gospel Artistes Association (Leader, 2002 – 2007)
- Nigerian Christian Corpers' Fellowship Choir, Adamawa State, Nigeria (Leader, 1999 – 2000)
- Biochemistry Students Society, ObafemiAwolowo University, Nigeria (General Secretary, 1994 – 1998)

HONOURS, DISTINCTIONS AND MEMBERSHIP OF LEARNED SOCIETIES

- Associate Member, Royal Society of Chemistry
- Member, European Association for the Study of Diabetes
- Member, European Society of Endocrinology
- Member, European Peptide Society
- Member, The Endocrine Society
- Member, The Biochemical Society, United Kingdom
- Member, American Society for Microbiology
- Member, International Society for Adolescent and Paediatric Diabetes
- Member, International Society for Bioinformatics and Computational Biology
- Member, Biotechnology Society of Nigeria

EXTRA-CURRICULAR ACTIVITIES

- Playing in a music group and orchestra
- Volunteering and fundraising for community development projects
- Blogging on scientific and social issues

List of Publications

Journal Articles

1. **Ojo OO**, Srinivasan DS, Owolabi BO, Flatt PR and Abdel-Wahab YHA (2015). Magainin-related peptides stimulate insulin-release and improve glucose tolerance in high fat fed mice. *Protein and Peptide Letters* (In Press).
2. **Ojo OO**, Srinivasan DS, Owolabi BO, Flatt PR and Abdel-Wahab YHA (2015). Beneficial effects of tigerinin-1R on glucose homeostasis and beta cell function in mice with diet-induced obesity-diabetes. *Biochimie* 109:18-26
3. Thomson HAJ, **Ojo OO**, Flatt PR, Abdel-Wahab YHA (2015). Antidiabetic actions of aqueous bark extract of *Swertia chirayita* on insulin secretion, cellular glucose uptake and protein glycation. *Journal of Integrative and Experimental Medicine* 5:1-12
4. **Ojo OO**, Srinivasan DS, Owolabi BO, Flatt PR and Abdel-Wahab YHA (2015). Magainin-AM2 improves glucose homeostasis, and beta cell function in high fat fed mice. *BBA General Subjects*, 1850:80-87.
5. Hannan JMA, **Ojo OO**, Ali L, Rokeya B, Khaleque J, Akhter M, Flatt PR, Abdel-Wahab YHA (2014). *Actions underlying antidiabetic effects of Ocimum sanctum leaf extracts in animal models of type 1 and type 2 diabetes. European Journal of Medicinal Plants (In Press)*
6. Ojo OO (2014). *In vitro insulinotropic actions of various extracts of Moringa oleifera leaves. Nigerian Journal of Biotechnology*, 27:14-20
7. Thomson HAJ, **Ojo OO**, Flatt PR and Abdel-Wahab YHA (2014). Aqueous bark extracts of *Terminalia arjuna* stimulates insulin release, enhances insulin action and inhibits starch digestion and protein glycation in vitro. *Austin Journal of Endocrinology and Diabetes*, 1:1-6.
8. Fatumo SA, Adoga MP, **Ojo OO**, Oluwagbemi O, Adeoye TA, Ewejobi I, Adebisi M, Adebisi E, Clement B, Oyekanmi, N (2014). *Computational Biology and Bioinformatics in Nigeria. PLOS Computational Biology*, 10 (4):E1003516 (1-7).
9. Srinivasan D, **Ojo OO**, Abdel-Wahab YH, Flatt PR, Guilhaudis L, Conlon JM. (2014). *Insulin-releasing and cytotoxic properties of the frog skin peptide, tigerinin-1R: A structure-activity study. Peptides* 14: 43-46.
10. **Ojo OO**, Abdel-Wahab YHA, Flatt PR and Conlon JM. (2013). Insulinotropic actions of the frog skin host-defense peptide alyteserin-2a: a structure-activity study. *Chemical Biology & Drug Design*, 82 (2): 196-204.
11. **Ojo OO**, Conlon JM, Flatt PR & Abdel-Wahab YHA. (2013). Frog skin peptides (tigerinin-1R, magainin-AM1, AM2, CPF-AM1 and PGIa-AM1) stimulate secretion of glucagon-like peptide 1 (GLP-1) by GLUTa cells. *Biochemistry Biophysics Research Communications*, 431(1): 14-18
12. Jide-Ojo CC, Gungula DT and **Ojo OO** (2013). Extracts of *Jatropha curcas L.* exhibit significant insecticidal and grain protectant effects against maize weevil, *Sitophilus Zeamais* (Coleoptera: Curculionidae). *Journal of Stored Products and Postharvest Research*, 4(3): 44 -50.

13. **Ojo OO**, Abdel-Wahab YHA, Flatt PR, Mechkarska M and Conlon JM (2011). Tigerinin-1R: a potent, non-toxic insulin-releasing peptide isolated from the skin of the Asian frog, *Hoplobatrachus rugulosus*. *Diabetes, Obesity and Metabolism*, 13(12):1114-1122
14. Zahid OK, Mechkarska M, **Ojo OO**, Abdel-Wahab YHA, Flatt PR, Meetani MA, and Conlon JM (2011). Caerulein- and xenopsin-related peptides with insulin-releasing activities from skin secretions of the clawed frogs, *Xenopus borealis* and *Xenopus amietii* (Pipidae). *General and comparative endocrinology*. 172(2): 314-320
15. Jide-Ojo CC and **Ojo OO** (2011). Evaluation of the biological effects of leaf extracts of *Jatropha curcas* against *Sitophilus Zeamais* (Coleoptera: Curculionidae). *Electronic journal of environmental, agricultural and food chemistry*. 10(5): 2166 – 2172
16. Mechkarska M, **Ojo OO**, Meetani MA, Coquet L, Jouenne T, Abdel-Wahab YHA, Flatt PR, King JD and Conlon JM (2011). Peptidomic analysis of skin secretions from the bullfrog *Lithobates catesbeianus* (Ranidae) identifies multiple peptides with potent insulin-releasing activity. *Peptides*, 32(2): 203 – 208
17. **Ojo OO** and Omabe M (2010). Incorporating bioinformatics into biological science education in Nigeria: Prospects and challenges. *Infection, Genetics and Evolution*. 11: 784 – 787
18. Tella IO, **Ojo OO**, Omijeh JE and Eronmosele, JE (2008). Control of streptozotocin-induced hyperglycaemia in rats using Psidium Guajava extracts. *Nigerian Journal of Biotechnology*. 13: 32 – 38
19. Omijeh JE, **Ojo OO**, Tella IO, and Eronmosele JE (2008). Aqueous extract of *Anacardium occidentale* reduces hyperglycaemia induced by streptozotocin in rats. *Nigerian Journal of Biotechnology*. 13: 24 – 29.
20. Ayuba DK, Tella IO and **Ojo OO** (2008). Bioactive secondary plant compounds in the foliage and stem bark of *Eucalyptus camaldulensis* Dehn, grown in Yola, Adamawa State. *Journal of Research in Bioscience*, 4 (3):111 -117
21. Ayuba DK, Tella IO and **Ojo OO** (2008). Determination of infochemicals and the phytochemical screening of the foliage and stem-bark of *Senna siamea* (Lam.) grown in Yola, Adamawa State. *International Journal of Bioscience*, 3(2): 107 – 111
22. **Ojo OO** and Ladeji, O (2007). Prevention of paracetamol induced-oxidative stress by extracts of some common Nigeria Trees. *Biological and Environmental Science Journal for the Tropics*. 4 (1): 65 – 69
23. **Ojo OO** and Jide-Ojo CC (2007). Efficacy of the extracts of *Cymbropogon citrates* against acetaminophen-induced lipid peroxidation in rats. *Nigerian Journal of Biotechnology*, 12 (1): 34-39
24. **Ojo OO**, Ladeji O and Nadro MS (2007). Studies of the antioxidative effects of green and black tea (*camellia sinensis*) extracts in rats. *Journal of medicinal foods* 10 (2): 373-378
25. **Ojo OO**, Kabutu RF, Bello LM and Babayo U (2006). Inhibition of paracetamol-induced oxidative stress in rats by extracts of lemongrass (*cymbropogon citratus*) and green tea (*camellia sinensis*). *African Journal of Biotechnology*. 5(12): 1227 – 1232

26. **Ojo OO**, Nadro MS and Tella IO (2006). Protection of rats by extracts of some common Nigerian trees against acetaminophen-induced hepatotoxicity. *African Journal of Biotechnology* 5(9): 755-760
27. **Ojo OO**, Jide-Ojo CC, Kabutu FR, Onyirioha N and Kyado SS (2006). Study of the antioxidative effects of lemon grass (*Cymbropogon citratus*) in rats. *Nigerian Journal of Science, Technology and Environmental Education*. 2: 51 – 57
28. Kabutu RF, **Ojo OO**, Kyado J and Onyirioha N (2006). Factors that control teachers' effectiveness in teaching primary science. *Journal of Science, Technology and Environmental Education*, 2: 124 – 130
29. **Ojo OO** and Ladeji O (2005). Hepatoprotective and antioxidant effects of *Camellia sinensis* (Black tea) in rats. *African Journal of Biotechnology*, 4 (11): 1432-1438
30. **Ojo OO**, Tella IO and Ademola-Aremu OO (2005). Hepatoprotective effects of *Azadirachta indica*, *Tamarindus indica* and *Eucalyptus camaldulensis* on paracetamol-induced hepatotoxicity in rats. *Journal of Sustainable Development in Agriculture and Environment*. 1 (1): 77-85
31. Tella IO and **Ojo OO** (2005). Effects of *Azadirachta indica*, *Tamarindus indica* and *Eucalyptus camaldulensis* on paracetamol-induced lipid peroxidation in rats. *Journal of Sustainable Development in Agriculture and Environment*. 1 (1): 86-95
32. **Ojo OO**, Kabutu RF and Kidah MI (2005). Assessment of the Effectiveness of micro-computer as a teaching material in teaching of sciences: A case study of Federal college of Education, Yola. *Journal of General Studies in Education*, 1: 8-12

Book Chapters

1. **Ojo OO**, Flatt PR, Abdel-Wahab YHA and Conlon JM (2013). *Insulin-Releasing Peptides*. In: Kastin AJ (Ed), *Handbook of Biologically Active Peptides* (2nd Edition). Oxford: Elsevier, pp. 364-370. ISBN 978-0-12-385095-9
2. Ojo OO (2013). Introduction to Bioinformatics. In: Ogbonna JC, Ubi BE, Eweani IB (Eds), *Fundamental, Industrial and Medical Biotechnology*. A publication of Biotechnology Society of Nigeria, Beijing: Universal Academic Services, pp78 – 118. ISBN 978-978-993-166-6

Patent

1. Abdel-Wahab, Y.H.A., Flatt, PR., Ojo, OO and Conlon, J.C. Esculentin-2CHa peptide and analogues thereof. Filed on 31 January 2014 under UK Patent Application No. 1401673.7

Conferences/Research Communication

1. Abdel-Wahab YHA, **Ojo OO**, Owolabi BO, Conlon JM and Flatt PR (2014). [Lys-4]-substitution of the frog skin peptide, caerulein precursor fragment-AM1 (CPF-AM1), enhances its insulin-releasing properties *in vitro*. *Diabetic Medicine* 31(1), P74. Conference Information: Diabetes UK Annual Professional Conference, March 5 – 7, 2014 Liverpool, England (Poster)
2. **Ojo OO**, Srinivasan DS, Owolabi OB, Conlon JM, Flatt PR, Abdel-Wahab YHA (2014). Frog Skin Peptide (CPF-AM1) for the treatment of type 2 diabetes. Conference Information : SET for BRITAIN at House of Commons, London 17 March, 2014 (Poster)

3. Haggag Y, **Ojo OO**, Abdel-Wahab Y, Osman M, McCaron P, Faheem A (2014). Preparation, characterization and in vivo evaluation of insulin-loaded PLGA-PEG nanoparticles for controlled delivery. Conference Information: Joint Schools of Pharmacy Research Seminar, April 14-15, 2014, Trinity College, Dublin (Poster).
4. **Ojo OO**, Owolabi BO, Usman MU, Jide-Ojo CC (2013). Amphibian skin peptides: A new paradigm in type 2 diabetes treatment. Conference Information: 26th Annual conference of the Biotechnology Society of Nigeria, August 26 -30, 2013, Abuja, Nigeria (Oral).
5. **Ojo OO**, Adeyemo OO, Adedeji BO, Njobdi S, Mujeli M, Jelani FB, Jide-Ojo CC (2013). Applications of proteomics techniques to bioresources exploration and exploitation in Nigeria. Conference Information: 26th Annual conference of the Biotechnology Society of Nigeria, August 26 -30, 2013, Abuja, Nigeria. (Oral)
6. **Ojo OO**, Conlon JM, Flatt PR, Abdel-Wahab YHA. (2012). Caerulein precursor fragment-AM1 (CPF-AM1): A novel non-toxic insulin-releasing peptide isolated from the skin secretions of the clawed frog, *Xenopus amieti*. *Endocr. Rev.* 33(03): MON 109 Conference Information: 94th Annual Meeting and Expo of the Endocrine Society, June 23 – 26, Houston, Texas, USA (Poster)
7. **Ojo OO**, Conlon JM, Flatt PR, Abdel-Wahab YHA (2012). Evaluation of the *in vitro* and *in vivo* insulinotropic and glucose-lowering effects of Caerulein Precursor Fragment (CPF-AM1) isolated from the skin secretion of the clawed frog, *Xenopus amieti*. 2nd Irish Peptide Workshop, p. 35 Conference Information: 2nd Irish Peptide Workshop, June 14 – 15, 2012, Coleraine, United Kingdom (Poster)
8. Srinivasan DS, **Ojo OO**, Flatt PR, Conlon JM, Abdel-Wahab YHA (2012). [Lys-3] substitution of peptide Alyteserin-2a from skin secretions of the midwife toad *Alytes obstetricians* enhances insulin-releasing activity in vitro. 2nd Irish Peptide Workshop, p. 40 Conference Information: 2nd Irish Peptide Workshop, June 14 – 15, 2012, Coleraine, United Kingdom (Poster)
9. **Ojo OO**, Conlon JM, Flatt PR, Abdel-Wahab YHA (2012). Caerulein precursor fragment (CPF-AM1): a novel insulinotropic peptide from the skin secretion of the clawed frog, *Xenopus amieti*. Conference Information: 15th International and 14th European Congress of Endocrinology, May 05 – 09, 2012, Florence, Italy (Oral)
10. Abdel-Wahab YHA, **Ojo OO**, Flatt PR, Conlon JM (2011). Tigerinin-1R from the skin secretions of Vietnamese Frog *Hoplobatrachus rugulosus*, exerts potent insulinotropic effects both *in vitro* and *in vivo*. *Diabetologia* 54: S193 Conference Information: 47th Annual Meeting of the European Society for the Study of Diabetes, September 12 -16, 2011, Lisbon, Portugal (Poster)
11. **Ojo OO**, Cara D, Hewage C, Flatt PR, Abdel-Wahab YHA (2011). Extracts of *Tinospora cordifolia* stimulate insulin release and inhibit protein glycation *in vitro*. Conference Information : 3rd Annual Translational Medicine Conference, May 5 -6, 2011, Derry, Northern Ireland (Poster)
12. **Ojo OO**, Conlon JM, Flatt PR, Abdel-Wahab YHA (2011). Insulinotropic effects of caerulein precursor fragment (CPF-AM1) isolated from the skin secretion of the clawed frog, *Xenopus amieti*. *Irish Journal of Medical Science*, 180: Supplement 13: S481 Conference Information: 35th Annual Meeting of the Irish Endocrine Society, November 11-12, 2011, TemplePatrick, Northern Ireland (Oral)
13. **Ojo OO**, Flatt PR, Conlon JM, Abdel-Wahab, YHA (2010). *Isolation and structural characterization of novel insulinotropic peptides from skin secretions of Xenopus amieti*. *Regulatory Peptides*, 164 (1, Sp. Iss. SI). pp. 36-37. Conference Information: 18th International Symposium on Regulatory Peptide, September 5 – 8, 2010, Belfast, UK (Poster)

14. **Ojo OO** (2009). Incorporating bioinformatics into biological science education in Nigeria: Problems and prospects. Conference Information: Annual Meeting of The International Society for Computational Biology (ISCB) and The African Society for Bioinformatics and Computational Biology (ASBCB), November 30 – December 03, 2009, Bamako, Mali (Oral)