

CURRICULUM VITAE

PERSONAL DATA



EJEATULUCHUKWU OBI

LECTURER/TOXICOLOGIST/BIOMEDICAL SCIENTIST

DEPARTMENT OF PHARMACOLOGY AND THERAPEUTICS

COLLEGE OF HEALTH SCIENCE

NNAMDI AZIKIWE UNIVERSITY NNEWI – CAMPUS,

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ACADEMIC AND PROFESSIONAL QUALIFICATIONS WITH DATES:

Doctor of Philosophy, Pharmacology & Toxicology (Ph.D) 2006

Abia State University, Uturu, Imo-State, Nigeria

M.Sc. in Applied Biochemistry – 1997

Nnamdi Azikiwe University, Awka, Nigeria

Post Graduate Diploma (PGD) in Applied Biochemistry 1992

Nnamdi Azikiwe University, Awka, Nigeria

AIMLS Haematology and Blood Group Serology 1985

Medical Laboratory Science Council of Nigeria

WORKING EXPERIENCE

- [a] Teaching Hematology practical classes to Medical Students, University of Maiduguri, Borno State 1986 – 1989.
- [b] Teaching Diagnostic services to students of community health officers training programme, UMTH Maduguri, 1987 – 1989.
- [c] Performing routine Haematology investigations, Department of Haematology UMTH, Maduguri, 1986 – 1989
- [d] Teaching haematology practical classes to medical students, NAUTH, Nnewi 1989-2011.
- [e] Teaching Pharmacology & Therapeutics to medical students, Dept. of Pharmacology, NAU, CHS, 2011-Present.
- [e] Associate lecturer, School Medical Laboratory Sciences, NAUTH, Nnewi 1998-Present
- [d] Part-time Lecturer, National Open University of Nigeria (NOUN). 2004-Present
- [f] Research Fellow, African Education Initiative (NEF)
- [g] I have also participated in the following research works:
 - (i) Pharmacology of medicinal plants in Nigeria
 - (ii) Pharmacokinetics of various drugs
 - (iii) Environmental toxicology
 - (iv) Metaltoxicology
 - (v) Biochemical Pharmacology
- [h] Currently, a lecturer in the Department of Pharmacology, Faculty of Medicine, College of Health Sciences, Nnamdi Azikiwe University, Nnewi-Campus.

INTERNATIONAL RESEARCH COLLABORATORS/ONGOING

COLLABORATIVE PROJECTS

- [a] University of Michigan, Ann Arbor/Childhood lead poisoning in Nigeria
- [b] University of Michigan, Ann Arbor/Exposure to Environmental Pollutants and Birth Outcomes in Eastern Nigeria.

PROFESSIONAL/ SCIENTIFIC SOCIETES TO WHICH I BELONG:

- [a] Member, Association of Medical Laboratory Scientists of Nigeria
- [b] Member, Nigeria Society for Immunology
- [c] Member, Biochemical Society of Nigeria
- [d] Member, Foundation for African Development through International Biotechnology [FADIB]
- [e] West African Society for Pharmacology
- [f] African Society for Toxicological Sciences (ASTS)
- [g] American Biographical Institute (ABI) RESEARCH BOARD OF ADVISORS

- (h) Past President Society of Quality Assurance of Nigeria, (SQAN)
- (i) Member, Society of Environmental Toxicology and Chemistry (SETAC).

SPONSORSHIP TO INTERNATIONAL CONFERENCE/WORKSHOP

Name of Conference/Theme: International Conference on Herbal medicinal products for HIV/AIDS malaria and tuberculosis

Sponsor: African Education Initiative, USA (www.nef3.org)

Role in Conference: Participant

Date/Place: August 25-26th 2004, Le Meridien Hotel, Abuja, Nigeria

Name of Conference/Theme: African Society For Toxicological Sciences, 3rd International Conference

Sponsor: ASTS/Third World Medical Research Foundation

Role in Conference: Symposium speaker

Date/Place: 22-26th April 2003, NICON HILTON HOTEL Abuja

Name of Conference/Theme: African Society For Toxicological Sciences, 2006 Risk Assessment and Quality Assurance Training Workshop.

Sponsor: ASTS, NIHES USA, SQA USA.

Role in Conference: Symposium speaker

Date/Place: October, 21-28th 2006, Seme New Beach Hotel Limbe, Cameroun.

NAME OF THE CONFERENCE : PESTICIDES RISK ASSESSMENT TO MAN,ENVIRONMENT AND TRADE (PRIMET).

SPONSOR : CAMEROON SOCIETY FOR TOXICOLOGIC SCIENCES

ROLE IN THE CONFERENCE : PARTICIPANT.

DATE/PLACE : 7TH August,2009,UNIVERSITY OF DSCHANG,CAMEROON.

NAME OF THE CONFERENCE :CHEMICAL RISK EVALUATION COURSE

SPONSOR : INTERNATIONAL UNION TOXICOLOGISTS (IUTOX).

ROLE IN THE CONFERENCE : PARTICIPANT

DATE/PLACE : AUGUST 17-18,2009.,ROCK VIEW HOTEL ,ABUJA,NIGERIA.

NAME OF THE CONFERENCE : IUTOX RISK ASSESSMENT SUMMER SCHOOL ON RISK ASSESSMENT OF CHEMICALS.

SPONSOR : INTERNATIONAL UNION OF TOXICOLOGISTS (IUTOX)>

ROLE IN THE CONFERENCE: PARTICIPANT.

DATE/PLACE : MAY 23-30,2010.,AMBER-TINAPA,HOTEL,CALABAR/OBUDU RANCH RESORT,OBUDU,CROSS RIVER STATE,NIGERIA.

NAME OF THE CONFERENCE :TOTAL DIET STUDIES IN SUB-SAHARAN AFRICA.

SPONSOR : WHO,FAO ,INRA.

ROLE IN THE CONFERENCE : PARTICIPANT.

DATE/PLACE : MARCH 1-5,2010.,CENTRE PASTEUR OF CAMEROON,
YAOUNDE,CAMEROON.

NAME OF THE CONFERENCE : INTERNATIONAL TRAINING WORKSHOP ON NON-
TIMBER FOREST PRODUCTS DEVELOPMENT AND UTILIZATION.

SPONSOR : MINISTRY OF SCIENCE AND TECHNOLOGY, THE PEOPLE,S REPUBLIC OF
CHINA.

ROLE IN THE CONFERENCE : PARTICIPANT.

DATE/PLACE : SEPTEMBER 9-24,2010.,LIN,AN MODERN FORESTRY SCIENCE AND
TECHNOLOGY CENTER,P.R CHINA.

NAME OF THE CONFERENCE : JOINT INTERNATIONAL TOXICOLOGY CONFERENCE

SPONSOR : AFRICA EDUCATION INITIATIVE (NEF),USA.(www.nef3.org)

ROLE IN THE CONFERENCE : PARTICIPANT.

DATE/PLACE : MAY 31-JUNE,3,2011.,UNIVERSITY OF BUEA,BUEA,CAMEROON.

RESEARCH AWARD WON

[a] Fellow, African Education Initiative, Toxicology Internship Programme, 2004

[b]Visiting Scholar,Telluride Association,University of Michigan,Ann Arbor,USA,2011.

[c]Research Scholar,Department of Environmental Health Sciences,School of Public
Health.University of Michigan,Ann Arbor,USA,2011.

[b] Visiting Scholar, Department of Environmental Health Sciences, School of Public

Health, University of Michigan, Ann Arbor, USA,2011.

PUBLICATIONS

- (1) **Obi E.**, Nwobodo, E.O. Ofili, J. Dioka, E. (1992). Some Dietary Factors in Profound Haematology changes in albino rats 1. *Nigeria Journal Physiol Sc.* 8[1-2], 1-3. (NIGERIA).
- (2) **Obi E.**, Nwobodo E.O., Ofili J., Dioka, E. (1992). Dietary factors in profound Haematology changes in albino rats 11. *Medical Science Research*, (ENGLAND).
- (3) Nwobodo, E.O., **Obi, E.** (1993). Chloroquine overdose and leucopenia in Nigeria, *Israel J. Med. Sci.* 29, 817 – 818 (ISRAEL).
- (4) Nwobodo, E.O., Orisakwe, O.E., **Obi E.**, Amilo, G (1995). Menarch in Nigeria Igbos. *Orient Journal of Medicine.* 7[2]: 23-26 (NIGERIA).
- (5) Ofoefule, S.I., **Obi E.**, Orisakwe, O.E. (1996). A Procedural Update in Laboratory Diagnostic Tests and Current Treatment Protocols for Immunologically Mediated Infertility in Male. *The Indian Journal of Hospital Pharmacy* (INDIA).
- (6) Amilo, G., Ndukuba, P.I., Nwobodo, Ed., **Obi, E.**, Chilaka K.C., Ifeanyi, M. (1997). The Leucocyte Features of Healthy Nigeria Igbos. *Orient Journal of Medicine.* 8[4]: 51-55 (NIGERIA).
- (7) Orisakwe, E.O., **Obi E.**, Asomugha, A.L. (1997). Use of Neutrophil from Cardiac Puncture and Wound Smear as Ulcer Markers. *Nigeria Journal of Medical Research.* 2 [1&2]: 27-28 (NIGERIA).
- (8) Orisakwe, O.E. **Obi, E.**, Dioka, E., Amilo, G., Afonne O.J., Ufearo C.S. (1999). Na and K levels and label review studies of Nigeria Spices. *Indian Journal of Nutrition and Dietetics* 37:146-150 (INDIA).
- (9) Orisakwe O.E., Asumugha R., Afonne O.J., **Obi E.**, Chilaka K.C., Dioka C.E. (1999). Effects of Industrial Effluents on Water and Soil Qualities in Nnewi, Nigeria, *Journal of Health Science*, 45[4]: 177-183 (JAPAN).
- (10) Orisakwe, O.E., **Obi E.**, Emeh, J.K. (2001). Antiulceration of *Synclisia Scabrida*. Neutrophil: An alternative ulcer index. *Asia Pacific Journal of Pharmacology.* 15[4]:77-81. (JAPAN).
- (11) Orisakwe O.E., Chilaka K.C., Afonne O.J., **Obi E.**, Ilondu N. (2000). Evaluation of the Developmental Toxicity of Amlodipine Besylate in Mice. *Journal of Health Science.* 46[1]: 42-45 (JAPAN).
- (12) Afonne O.J., Orisskwe O.E., **Obi E.**, Chilaka K.C., Akumka D.D. (2000). Some pharmacological properties of *Synclisia Scabrida* [111]. *Indian Journal of Pharmacol.* 32: 239-241. (INDIA).
- (13) Ilondu N., Orisakwe O.E., Ofoefule S.I., Afonne O.J., **Obi E.**, Chilaka K.C., Orish C. (2000). Pharmacokinetics of diethylcarbamazine. Predication by concentration in Saliva. *Biological and Pharmaceutical Bulletin.* 23[4]: 443-445 (JAPAN).
- (14) Orisakwe O.E., Agbasi, P.U., Afonne, O.J., Ofoefule S.I., **Obi E.**, Orish, C.N. (2000). Rifampicin pharmacokinetics with and without ciprofloxacin. *American Journal of Therapeutics.* 8 [3]: 151-153 (U.S.A.).

- (15) **Obi E**, Emeh JK, Orisakwe O.E., Afonne O.J., Ilondu N.A., Agbasi P.U. (2000). Investigation of the biochemical evidence for the antiulcerogenic activities of *Synclisia scabrida*. *Indian Journal of Phamcology*. 32: 281-283 (INDIA).
- (16) Orisakwe OE, Asomgha R, **Obi E.**, Afonne O.J., Dioka C.E., Akumka O., Ilondu N.A. (2001). Ecotoxicological study of the Niger Delta area of River Niger. *Bulletin of Environmental Contamination and Toxicology*. 66[4]: 548-552 (U.S.A.).
- (17) Agbasi P.U., Orisakwe O.E., **Obi E.**, Ofoefule S.I., Ilondu NA., Afonne O.J., Orish C.N.(2001). Effect of sulphate cathartics on the absorption of rifampicin to activated charcoal. *Indian Journal of pharmaceutical sciences*. (July-August): 320-322 (INDIA).
- (18) Orisakwe OE, Oluboyo A, Ofoefule S, **Obi E**, Ilondu N, Afonne OJ, Agbasi P, Chiroma DH. (2001). Adsorption studies of artesunate: Evaluation of saline cathartics as additive in management of artesunate poisoning. *J. Health Sci*. 47[5]: 1-4 (JAPAN).
- (19) Afonne OJ, Orisakwe OE, **Obi E**, Dioka CE, Ndubuka GI. (2001). Nephrotoxic actions of low-dose mercury in mice: Protection by zinc. *Archives of Environmental Health*. 57[2]: 98-102 (USA).
- (20) Orisakwe OE, Afonne OJ, Ilondu N, **Obi E**, Ufearo CS, Agbasi PU, Maduka SO, Orish CN., Orish VN (2002). Influence of prokinetics on the gastrointestinal transit and residence times of activated charcoal. *Journal of the Pakistan Medical Association* 52(8): 354-356 (PAKISTAN).
- (21) Chude MA, Orisakwe OE, Afonne OJ, Gamaniel KS, Vongtau OH, **Obi E.** (2001). Hypoglycaemic effect of the aqueous extract of *Boerhavia diffusa* leaves. *Indian J Pharm* 33: 215-216 (INDIA).
- (22) Orisakwe OE, Afonne OJ, Ilondu NA, Ofoefule SI, **Obi E.** (2001). Adsorptive capacity of activated charcoal for rifampicin with and without sodium chloride and sodium citrate. *Biol Pharm Bull* 24[6]: 724-726 (JAPAN).
- (23) Orisakwe OE, Afonne OJ, Dioka CE, Agbasi PU, Azikiwe CC., **Obi E.** (2002). Testicular toxicity of rinbacin in rats. *Biol Pharm Bull*. 25[2]: 206-208 (JAPAN).
- (24) Afonne OJ, Orisakwe OE, Ofoefule SI, Tsalha S, **Obi E.**, Ilondu NA, Okorie O. (2002). Saline cathartics and adsorptive capacity of activated charcoal for doxycycline. *Acta Poloniae Pharmaceutica Drug Research* 59(3): 177-179 (POLAND).
- (25) Afonne O.J., Orisakwe O.E., Dioka C.E., Ndubuka G.I., Ukoha U., **Obi E.** (2002). Effects of rinbacin on rat kidney. *Biol Pharm Bull* 25(8): 1022-1025 (JAPAN).
- {26} Nwobodo Ed, Amilo G, **Obi E** , Marchie C, Dioka CE. {2002}. An Inter-conversion Equation for erythrocyte sedimentation rates taken at 30mintes, 1hour and 2hours. *Tropical Journal of Medical Research* 6{1}: 1-2 {NIGERIA}.
- {27} Orisakwe OE, Afonne OJ, **Obi E**, Dioka CE. {2003}. Subchronic toxicity studies of the a qeous extract of *Boerhavia diffusa* leaves. *Journal of Health Science*. 49{6}: {JAPAN}

- {28} Orisakwe O.E., Asomugha R., **Obi E.**, Afonne O.J., Anisi., Dioka C.E. (2004). Impact of effluents from car battery manufacturing plant on water, soil and food qualities in Nnewi, Nigeria. *Arch. Environ. Health* 59 (1), 31-36 (USA).
- {29} Orisakwe OE, Hussaini DC, Orish VN, **Obi E.**, Udemezue OO {2003}. Nephrotoxic effects of Hibiscus Sabdariffa Calyx in Rats. *European Bulletin of Drug Research*. 11{4}:99-103. (ITALY).
- {30} Orisakwe OE, **Obi E.**, Udemezue OO, Meludu SC {2003} Effect of Halofantrine on Testicular Architecture and Testosterone level in Guinea pigs. *European Bulletin of Drug Research*. 11{4}: 105-109. (ITALY).
- (31) **E. Obi**, Orisakwe O.E., L. A Asomugha, V.N Orish, O.O. Udemezue and N.A. Ezejiiofor (2004) Hepatotoxicity of halofantrine in guinea pigs *Ind J Pharmac* 36 (5), 303-305 (INDIA)
- (32) Rose Asomugha, Orish E. Orisakwe, Onyenmechi J. Afonne, **Ejeatuluchukwu Obi**, John C. Nduka, Chudi E. Dioka (2005). Impact of effluents from cable manufacturing plant on food, water and soil qualities in Nnewi, Nigeria. *Pakistan J Biol Sci* 8 (5) 744-747 (PAKISTAN).
- (33) Maduabuchi J.M.U, Nzegwu C.N, Adigba E.O, Alope R.U, Ezomike C.N, Okocha C.E, **Obi E.**, Orisakwe O.E (2005) Lead and Cadmium exposures from canned and non-canned beverages in Nigeria: A public health concern. *Science of the Total Environment*, 336:621-626(USA).
- {34} **Obi E.**, Dora N. Akunyili, B. Ekpo, Orish E. Orisakwe {2006} Heavy metal Hazards of Nigerian herbal remedies. *Science of the Total Environment*, 369:35-41 (USA).
- (35) **Obi E.**, Agbasi P.U, Ezejiiofor N.A, Maduagwuna C, Orish E Orisakwe (2006) Safety Warnings and First Aid Instructions on Nigerian Traditional Herbal Remedies: Are They Adequate?. *World Journal of Medical Sciences*, 1(2) 108-111. (PAKISTAN)
- (36) Igwilo, I. O., Afonne, O. J; Maduabuchi, J.M.U **Obi, E.**, Orisakwe, O. E (2006) Heavy metal Hazards of sachet water in Nigeria. *Archives of Environmental and occupational Health*, 61(5):209-213 (USA).
- (37) Igwilo, I.O. Oloyede, O.B., **Obi, E** (2007) Effect of simple cook and defatten processing method on the protein quality of Jack Bean. (*Canavalla ensiformis*) Seeds. *International Journal of Agriculture and Food systems*. 1 (1): 87-91 (NIGERIA)

(38) Orisakwe O.E, **Obi E**, Odike M. (2008) Testicular toxicity of U&DEE sweet bitter herbal supplement in male albino rats. Trends in Reproductive Biology. (INDIA) (Accepted for publication).

(39) Nriagu J, Afeiche M, Arowolo T, Ana G, Sridhar M.K.C, Oloruntoba E.O, **Obi E**, Ebenebe J.C, Orish E Orisakwe, Adesina A. (2008). Lead poisoning associated with malaria in children of urban areas of Nigeria. Int. J. Hyg. Environ. Health. ,211;591-605 (U.S.A)

(40) **Obi E**, Afonne O J, Orish E O (2011). Testicular toxicity of b-success herbal supplement in male albino rats. Int Res. Pharmacy and Pharmc. 1(8):221-227

(41) **Obi E**, Orish, E. O. (2011). Effect of Sub-Chronic Administration of U and Dee Sweet Bitter Herbal Supplement on the Accessory Sex Organs of Male Wistar Rats. (Accepted for Publication).

PAPERS UNDER REVIEW

- (1) Orisakwe, E.O., Dioka, C.E., Okonkwo, R., **Obi, E.**, Afonne, O.J., Chilaka, K.C. Liver and Kidney Function Tests as a tool for health evaluation of Artisans in Mechanic Villages. *Nigerian Quarterly Journal of medicine*, (2000) (NIGERIA).
- (2) Ifeyinwa C. Olife , Antoinette N.Okaka, Chudi E. Dioka, Samuel C. Meludu, **Obi Ejeatuluchukwualo**, Orish E. Orisakwe (2004). Iodine Status and effect of soil erosion on trace elements in Nanka and Oba towns of Anambra State, Nigeri Int J Env Res & Pub Health (USA).

SOME RECENT CONFERENCE ABSTRACTS

- (1) **Obi, E.**, Anyaegbu, C.C., Amilo, G.I. (1995). Mandatory HIV Screening: A neo- Deterrent to Blood Donation in Nigeria Medical Student Population. 21st Annual Scientific conference for Nigeria society for Immunology (Nnewi).
- (2) Afonne, O.J., Orisakwe, O.E., Chilaka, K.C., **Obi, E.**, Ndubuaku, G.I., Mercury and Multiple Organ Toxicity: Protection by Zinc. 26th Annual Regional Conference of the West African Society for Pharmacology (WASP), October, 20-23, 1999, Nsukka, Nigeria.
- (3) Akumka, D.D., Orisakwe, O.E., Amos, S., Ose, J.T., Afonne O.J., **Obi, E.**, Gamaniel, K.S. Does bonny light crude oil cause Testicular Toxicity. 26th Annual Regional Conference of the WASP, October 20-23, 1999, Nsukka, Nigeria.
- (4) Amilo, G.I., **Obi, E.**, Ahaneku, J.E. The Pattern of Blood Group System in a typical commercial town in Nigeria. 27th Annual Scientific Conference of Nigeria Society for Haematology and Blood Transfusion, October 21st – 22nd 1999, Lagos, Nigeria.
- (5) **Obi E.**, Orisakwe O.E., Odike M., Afomugha R., Agomugha L., Afonne O.J., Ilondu N.A., Agbasi P.U., Ukoha U. Toxicologic Pathology of halofantrine on guinea pig. 27th Annual

Regional Conference of the West African society for pharmacological (WASP), Port Harcourt, Nigeria. October 23 – 28, 2000.

- (6) Asomugha R., Asomugha L.A., Ukoha U., Maduka S.O., Orish V.N., **Obi E.**, Afonne O.J., Orisakwe O.E. Splenic and haematologic effects of artesunate in guinea pigs 27th Annual Regional Conference of the West African Society for Pharmacology (WASP). Port Harcourt, Nigeria. October 23 – 28. 2000.
- (7) Orisakwe O.E., Ilo E.C., Afonne O.J., Ofoefule S.I., Ilondu N.A., Agbasi P.U., **Obi E.**, Maduka S.O., Effect of chloroquine on the urinary excretion of ciprofloxacin. 27th Annual Regional Conference of the West African Society for Pharmacology (WASP). Port Harcourt, Nigeria. October 23 – 28, 2000.
- (8) Asomugha R, Orisakwe O.E., **Obi E.** Afonne O.J., Ilondu N.A., Husaini D.C. Environmental effects of effluents from petroleum processing industry. Environmental Health Conference. Legon, Ghana, 3rd – 6th January 2001.
- (9) Orisakwe OE, Asomugha R, Afonne OJ, **Obi E.** Husaini DC. Impact of effluents from lead battery and cable manufacturing plants on soil, water and food qualities. Environmental Health Conference, Ghana. 3rd-6th January 2001.
- (10) **Obi E.**, Orisakwe O.E. Effect of halofantrine on testicular structure and testosterone in guinea pigs. 3rd International conference of African Society for Toxicological Sciences. Abuja, Nigeria. April 22-26, 2003.
- (11) Orisakwe O.E., Afonne O.J., Tsalha S., **Obi E.** In vitro effects of sulfate cathartics on the adsorption of doxycycline to activated charcoal. 3rd International conference of African Society for Toxicological Sciences. Abuja, Nigeria. April 22-26, 2003.
- (12) Orish E. Orisakwe and **Obi E.** Heavy metal hazard of Nigerian traditional remedies 7th International International Society for the Study Xenobiotics meeting Vancouver, Canada August 29- September 2, 2004
- (13) Ugwuona, M.J.M., Nzegwu, C.N., Odigba, O., Oragwu, C., **Obi E.**, Okacha, E., Orish E Orisakwe (2006) Arsenic and chromium exposure from canned and non-canned beverages in Nigeria: A Public health concern? 16th Annual meeting of Society of Environmental Toxicology and Chemistry {SETAC Europe}, Hague, Netherlands May 7-11, 2006.
- (14) **Obi E.**, Afonne O J., Ekpo B O., Ezejiolor N A., Okechi O O., Agbasi P U., Orisakwe O E. Heavy metal Content of Some Nigerian Herbal supplements and Testicular Toxicity in Albino rats. African Society for Toxicological Sciences, Risk Assessment and Quality Assurance Training Workshop Limbe, Cameroun, October 21-28, 2006.

REFEREES

- [a] Prof. Orish E. Orisakwe
Department of Pharmacology
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University of PortHarcourt
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- [b] Prof. Chudi E. Dioka
Department of Chemical Pathology
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