

CURRICULUM VITAE

- I. (a) Name John Ayodele, Olaniyi
(b) Date of Birth 15 April, 1960
(c) Department Haematology
(d) Faculty Basic Medical Sciences
- II. (a) First Academic Appointment Lecturer 1, 1 February, 2000
(b) Professional Appointment Consultant Haematologist, 1 Feb. 2000
(c) Present Post Professor (1 October. 2016)
(d) Date of last promotion 1 October 2016.
(e) Date last considered for promotion: Not Applicable
- III. University Education (with dates)
(a) Obafemi Awolowo University, Ile-Ife. 1980 – 1987
(b) Obafemi Awolowo University 1984 – 1987
(c) University of Ibadan 2003 – 2007
- IV. Academic Qualifications (with dates)
(a) B.Sc (Hons) Health Sciences 1984
(b) MB.Ch.B 1987
(c) M.Sc. (Chem. Path) 2007
- V. Professional Qualifications (with dates)
Fellow West African College of Physician: FWACP (Lab Med.) – 1998
Member, National Postgraduate Medical College, Nigeria - 1998
- VI. Scholarships, Fellowships and Prizes (with dates) in respect of undergraduate and postgraduate work only
UICC Fellowship Award to study Immunophenotyping at the University of Chicago, USA. August - October 2010

VII. Honors, Distinctions and Membership of Learned Societies

- (a) University of Ibadan. Senate Research Grant (Individual Research Grant): 2007.
- (b) University of Ibadan. Senate Research Grant (Individual Research Grant): 2006.
- (c) University of Ibadan, Senate Research Grant (Joint Senate Research Grant): 2010.
- (d) University of Ibadan, Senate Research Grant (Individual Senate Research Grant): 2010.
- (e) Medical and Dental Association of Nigeria: 1988.
- (f) West African Postgraduate Medical College, Nigeria: 1998.
- (g) Nigerian Society for Haematology and Blood Transfusion: 1998.
- (h) African Society for Blood Transfusion: 2001
- (i) American Society of Clinical Oncology (ASCO): 2011.
- (j) American Society for Haematology (ASH) : 2012

VIII. Details of Teaching/Work Experience.

- (a) Lecturer 1, Department of Haematology, Ladoke Akintola University of Technology, Ogbomoso/Osogbo, June 1998 -January 2000
- (b) Lecturer 1, Department of Haematology, College of Medicine, University of Ibadan, February 2000 – October 2003
- (c) Senior Lecturer, Department of Haematology, College of Medicine, University of Ibadan, October 2003 – October 2013
- (d) Reader, Department of Haematology, College of Medicine, Ibadan, October 2013 – till date
- (e) I taught the following subjects in
Undergraduate Block Postings :- Haemopoiesis, Haemoglobinopathies, Acute Leukaemias, Chonic Leukaemias, Paroxysmal Nocturnal Haemoglobinuria, Classification of Anaemias, Haemostasis and haemostatic Disorders, Myelodysplastic Syndrome, Clinical blood Transfusion, Haemolytic disease of the Newborn, Megaloblastic anaemias, Lymphomas, Multiple myeloma, Haemolytic disease of the Newborn, Megaloblastic anaemias

M.Sc Haematology Class :- I am the co-ordinator of Haem 702 course and I taught the following subjects: Haemopoietic Microenvironment, The Cluster of Differentiation

Antigens, Preparation and processing of Blood components, Haemoglobinopathies, Lymphopoiesis and lymphocyte biology.

M.Sc Chemical Pathology Lecture: - As an invited lecturer in Immunology unit, I taught the following subjects: Cells of the Immune system, Major Histocompatibility complex (MHC), Killer cells, Natural killer cells and Lymphokine activated killer cells.

- (e) Participate in the Clinical and Practical Teachings of Undergraduate and Postgraduate students in the Department since year 2000 – till date
- (f) Participate in the Examinations, marking and grading of undergraduate and postgraduate students.
- (g) Clinical Work: - As an Honorary Consultant, I, daily, manage patients with various Haematological disorders.
- (h) Training: - I participate in the training of Resident Doctors in Haematology through regular Ward-round, Clinical Teachings, Seminar presentations, close supervision of their clinical activities and research supervision
- (i) Update Lectures: - Since 2003, I participate annually in Update Lectures organized by WACP for Resident Doctors, preparing for Part 1 Fellowship examinations.
- (j) Examiner at the West African College of Physician (WACP) (Lab Medicine): - 2003 till date.
- (k) External Examiner in Haematology to University of Maiduguri, Borno State.
- (l) Associate Editor, African Journal of Medicine and Medical Sciences
Reviewer to the following Journals
 - i. African Journal of Medicine and Medical Sciences
 - ii. Nigerian Journal of Postgraduate Medicine
 - iii. Annals of Ibadan Postgraduate Medicine.
 - iv. Medjaden Biomedical Services, Hong Kong, China
 - v. Ethics Committee of University of Ibadan/University College Hospital, Ibadan.
 - vi. African Journal of Biomedical Research
 - vii. International Journal of Applied and Basic Medical Research
 - viii. Annals of African Medicine

IX. RESEARCH

(a) Completed

1. Determination of Haematological Parameters of Patients with Pulmonary tuberculosis
2. Bone marrow abnormalities in patients with Pulmonary Tuberculosis before commencement of therapy
3. Determination of Antioxidant Status, levels of Vitamin E and Essential Trace Elements in Relation to Severity of HIV in Nigerians patients
4. Determination of levels of Cytokines (Interferon gamma, Interleukin 4), levels of Immunoglobulin sub-classes and Anti-oxidant status in Acute Leukaemias cases prospectively recruited at the University College Hospital, Ibadan, Nigeria
5. Determination of Factor VIIIc yield of plasma and cryoprecipitate in different blood groups. Blood group A individuals showed highest yield in plasma and in cryoprecipitate.
6. Tumor Necrosis Factor-alpha (TNF- α), Interleukin-8 and Endothelin-1 Levels in Adult Sickle Cell Anaemia Patients in University College Hospital, Ibadan, Nigeria

(b) In Progress

1. **Low Grade Lymphomas: Pattern in Ibadan, Nigeria:** There is a pressing need to bring into the open the burden and types of low grade Lymphomas as seen at the University College Hospital (UCH), Ibadan. Low grade lymphomas are indolent lymphomas that may be diagnosed late in the disease because it is an insidious disease. Experience in practice had shown that these patients present late. This is a retrospective study geared towards the determination of burden, types, pattern of presentation, clinical management and outcome for the first time. The retrospective study covered 2007 to 2011. The work started in 2012 and so far, the data has been successfully collected and has been analyzed. We are currently on preparation of the manuscript towards publication in a reputable journal.
2. **Haematological Parameters and Beta-2 Microglobulin in CD4 Levels-Stratified HIV Patients in South West Nigeria:** Traditionally, levels of CD4 count are being used to monitor HIV progression to AIDS hence valuable in classifying the disease. This work aimed at determining the value of haematological parameters and beta-2 microglobulin in disease progression. This work started in 2015 in collaboration with an M.Sc. student in the department of Immunology. The student has successfully

defended the project and the manuscript towards publication is currently being prepared.

3. **Correlates of Anaemia in type II Diabetic Mellitus patients:** Anaemia has been noticed to be common among type II Diabetic patients in our practice but factors culminating to this anaemia are yet to be determined. This is a research being carried out by one of our Resident Doctors under my co-supervision. This work commenced in January 2013 and the Resident Doctor has successfully defended the thesis. In fact, the manuscript has been submitted to a reputable journal for publication.

(c) Project, Dissertation and Thesis

1. Haematological parameters of patients with pulmonary tuberculosis: Dissertation presented in partial fulfillment of Fellowship of West African College of Physicians (FWACP) (Lab. Medicine) (1998).
2. Antioxidant status, levels of vitamin E and essential trace elements in relation to severity of HIV in Nigerians M.Sc. Chem. Path. (2007)

(X). Publications

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| (a) | Books already published: | Nil |
| (b) | Chapters in books already published: | 1 |
| (c) | Articles that have already appeared in Refereed Conferences Proceedings: | Nil |
| (d) | Patents: | Nil |
| (e) | Articles that have already appeared in learned journals. | |
1. Aken'Ova, Y.A, Bakare, R.A, Okunade, M.A., **Olaniyi, J.A** (1995) Bacteria causes of acute osteomyelitis in sickle cell anaemia: Changing infection profile. *West African Journal of Medicine*, Vol. 14. No. 4, 255-258
 2. Elumelu, T.N., **Olaniyi, J.A.** Shokunbi, W.A., Campbell, O.B. (2001). Effect of radiotherapy on patients with multiple myeloma in Ibadan, Nigeria. *Nigerian Journal of Clinical Practice*. Vol. 4. No. 2, 69-71.
 3. **Olaniyi, J.A.**, Aken'Ova, Y.A. (2003) Bone marrow findings in patients with pulmonary tuberculosis. *African Journal of Medicine and Medical Sciences*. Vol. 32. No. 2, 155-157. (Nigeria).
 4. **Olaniyi, J.A.**, Aken'Ova, Y.A (2003). Haematological profile of patients with pulmonary tuberculosis at the University College Hospital, Ibadan. *African Journal of Medicine and Medical Sciences*. Vol. 32. No. 3, 239-242.
 5. Oluokun, O.A., **Olaniyi, J. A.**, and Shokunbi W. A (2003). Coagulant factor VIII level among blood donors in Ibadan, Nigeria. *Archives of Ibadan Medicine*. Vol. 4. 26-29
 6. **Olaniyi, J. A.**, Arinola, O. G., Esogwah, B. C., Akiibinu, M. (2003) Liver and renal functions in Nigerian sickle cell disease patients. *Science Focus*. Vol. 5. 78-81
 7. Arinola, A.G., Adedapo, K.S, Kehinde, A.O., **Olaniyi, J.A.**, Akiibinu, M.O. (2004). Acute phase proteins, trace elements and asymptomatic human immunodeficiency virus infection in Nigerians. *African Journal of Medicine and Medical Sciences*. Vol. 33. 317-322.
 8. Shokunbi, W.A, **Olaniyi, J.A.** (2005). Therapy related Acute Myeloid Leukaemia 8-years after treatment for Hodgkin's Lymphoma- A Case Report. *Nigerian Journal of Health and Biomedical Sciences* . Vol.4, No. 1, 14-16. .

9. Kehinde, A.O., **Olaniyi, J.A.**, Fakunle, E.E. (2006). Extra- pulmonary tuberculosis in sickle cell disease: Case report. *African Journal of Medicine and Medical Sciences*. Vol. 35. 381-384. (Nigeria).
10. **Olaniyi, J.A.**, Abjah, U.M.S: (2007). Frequency of hepatomegaly and splenomegaly in Nigerian patients with sickle cell disease. *West African Journal of Medicine*. Vol. 26. 274-277
11. **Olaniyi, J.A.**, Arinola, O.G. (2007). Essential trace elements and antioxidant status in relation to severity of HIV in Nigerians. *Medical Principles and Practice*. Vol.16. 420-425.
12. Olomu, S.A., **Olaniyi, J.A.**, Shokunbi, W.A. (2007). Coagulation profile in pregnant Nigerian women according to gestational age. *Tropical Journal of Obstetrics and Gynaecology*. Vol. 24. No. 1: 3-6.
13. **Olaniyi, J.A.** (2008) Multiple Complications in a sickle cell disease Patient: A case report. *Clinical Medicine: Case Report*. Vol. 1. 97-100. Now Vol 5 (7)).
14. **Olaniyi, J.A.**, Ibijola, A.A. (2009). Richter's syndrome: A case report: *Medical Principles and Practice*. Vol. 18. 152-154. (Kuwait). .
15. **Olaniyi, J.A.**, Otegbayo, J.A, Olomu, O. Omotosho, I.O. (2009). Transfusion related hepatitis C virus infection in sickle cell disease patients. *Journal of Biomedical Research*. Vol. 12. 69-71..
16. Durosinmi, M.A, Faluyi, J.O., Oyekunle, A.A, Salawu, L, Adediran, I.A., Akanmu, S., Ogbe, O.P., Wakama, T.T., Nwauche, C.A., Enosolease, M.E., Halim, D.N., Bazuaye, G.N, Okocha, C.E, **Olaniyi, J.A.**, Akingbola, T.S., Mabayoje, V., Raji, A.A, Mamman, A., Kuliya –Gwarzo, A., Ibegbulam, O.G., Ocheni, S, Yohana, T, Arewa, O.P., Bolarinwa, R.A., Kassim, D.O., Ndakotsu, M.A., Amusu, O.A, Akinyanju, O.O. (2008). The use of imatinib mesylate in Nigerians with chronic myeloid leukaemia. *Cellular Therapy and Transplantation (CTT)*. Vol. 1: 1-5.
17. **Olaniyi, J.A.** (2009). An acute Leukaemia masquerading as immune thrombocytopaenic purpura. *Clinical Medicine Insights: Case Reports. Libertas Academia*. 2; 21-34..
18. **Olaniyi, J.A.**, Arinola, O.G. (2009). Humoral immunity and haemoglobin F (HbF) in steady state adult Nigerian sickle cell disease patients with asymptomatic malaria. *Turkish Journal of Medical Sciences*. Vol. 39. No. 6: 953-957.

19. **Olaniyi, J.A.**, Arinola, O.G. (2010) Nitric oxide and trace metals in relation to haemoglobin F concentration in Nigerian sickle cell disease patients. *Turkish Journal of Medical Sciences*. Vol. 40. No. 1: 109-113.
20. **Olaniyi, J.A.**, Obikoya, M., Akinosun, O.M., Arinola, O.G. (2010) Leucocyte counts, humoral immunity and nitric oxide level in Nigeria consumers of alcoholic beverages. *Report and Opinion Journal* Vol. 2. No. 6, 67-70.
21. **Olaniyi, J.A.**, Arinola, O.G., Odetunde, A.B. (2010). Foetal haemoglobin (HbF) status in adult sickle cell anaemia patients in Ibadan, Nigeria. *Annals of Ibadan Postgraduate Medical Journal*. Vol. 8. No.1, 30-33. .
22. Oluwasola, A.O., **Olaniyi J.A.**, Otegbayo, J.A., Ogun, O.G., Akingbola, T.S., Ukah, C.O., Akang, E.U., Aken'Ova, Y.A: (2011): A fifteen year review of lymphomas in a Nigerian tertiary healthcare centre. *Journal of Health Population and Nutrition* Vol. 29. No. 4, 1-7.
23. **Olaniyi, J.A.**, Oluwasola, A.O., Ibijola, I. (2011): Outcome of Therapy of a T-cell Rich B-cell Lymphoma in Ibadan, Nigeria. *Mediterranean Journal of Haematology and Infectious Disease* 3: 310-316.
24. Arinola O.G., Akinosun, O.M, and **Olaniyi, J.A.** (2011). Passive- and active- cigarette smoking: Effects on plasma levels of antioxidant vitamins, immunoglobulin class and acute phase reactants. *African Journal of Biotechnology*. Vol.10 No. 32: 6130-6132
25. **Olaniyi, J.A.**, Olomu, S.A., Finomo, O.A. (2011). Lupus anticoagulant in pregnant women with recurrent fetal loss. *Journal of blood Medicine*. Vol 2: 1-4. (2013 Issue: Vol 4)
26. **Olaniyi, J.A.** (2011). Flow cytometric immunophenotyping of haematological malignancies: the way forward in Nigeria. *Pathology and Laboratory Medicine International*. Vol. 3. 17-24.
27. Fabian, U.A., Charles-Davies, M.A., Adebusuyi, J.R., Ebesunun, M.O., Ajobo, M.T., Hassan, O.O., Adigun, K., Owolabi, M.O, Oyewole O.O., **Olaniyi, J.A.**, Fasanmade, A.A. Akinlade, S.K., Arinola, O.G., Agbedana, E.O. (2011). Leptin concentrations in Africans blacks with metabolic syndrome and type 2 diabetic mellitus. *Journal of US-China Medical Science*. Vol. 8. No. 8, 493-500.
28. **Olaniyi, J.A.**, Arinola, O.G. (2011). Humoral immunological factors and nitric oxide levels in HIV patients with Low CD4+ T-Lymphocytes count below 500 per microliter Blood. *International Journal of Health Research*. Vol. 4. No. 2, 69-74.
29. Akinloye, O; Adegbenro, M., **Olaniyi, J.A**, Rahaman, S.K., Anifowose, A.I., Awosika, E.O., Arinola, O.G. (2011). Interferon- γ , Interleukin 4, Immunoglobulin classes and nitric oxide in Nigerians with acute leukaemia. *Sierra Leone Journal of Biomedical Research*. Vol .3. No. 3, 138-143.

30. **Olaniyi, J.A.**, Anifowose, A.I, Akinloye, O., Adegbenro, M., Awosika, E.O. ' Rahaman, S.K., Arinola, O.G., (2011): Antioxidant levels of acute leukaemia patients in Nigeria. *Sierra Leone Journal of Biomedical Research*. Vol. 3. No. 3, 133-137.
31. Charles-Davies, M.A, Arinola, O.G., Fasanmade, A.A., **Olaniyi, J.A.**, Oyewole, O.O., Owolabi, M.O., Hassan, O.O., Ajobo, M.T., Adigun, K., Akinlade, S.K., Adebusuyi, J.R., Ebesunun, M.O., Popoola, O.O., Okunbolade, W., Fabian, U.A., Rahamon, S.K., Ogunlakin, M.A., Agbedana, E.O. (2012). Indices of metabolic syndrome in apparently healthy Nigerian traders. *Journal of US-China Medical Science*. Vol. 9. No. 2, 91-100.
32. **Olaniyi, J.A.**, Alagbe, A.E., Olutogun, T.O., Busari, O.E. (2012). Multiple bone and joint disease in a Nigerian sickle cell anaemia. *Mediterranean Journal of Haematology and Infectious Disease*. Vol. 4. No.1, 1. e2012023. (Italy).
33. Edem, E.F., Akinyoola, S.B., **Olaniyi, J.A.** Rahaman, S.K., Owoeye, O., Arinola, O.G. (2012). Haematological parameters of Wistar rats exposed to 2,2, dichlorovinyl dimethyl phosphate chemical. *Asian Journal of Experimental Biological Science*. Vol 3. No. 4, 838-841. (2013 issue: Vol. 4. No. 4.
34. **Olaniyi J.A.**, Fowodu F.O., Olutogun, T.O. (2012) Myelomatous pleural effusion; *International Journal of Medicine and Medical Science*. Vol .45, No. 10: 111 – 112.
35. **Olaniyi, J.A.** (2012). Burkitt lymphoma: A review. *Open Access Scientific Reports*. Vol. 2, No. 2: 1- 4 <http://dx.doi.org/10.4172/scientificreports.337>.
36. **Olaniyi, J.A.**, Umar G.K. (2013) An audit of acute leukaemias at the University College Hospital, Ibadan, Nigeria. *Open Access Scientific Reports*, Vol. 2. No. 2, 1-3
37. Galadanchi, N., Wudil, B.J., Balogun, T.M., Ogunrinde, G.O., Akinsulie, A., Hasan-Hanga, F., Mohammed, A.S., Kehinde, M.O., **Olaniyi, J.A.**, Diaku-Akinwumi, I.N., Brown. B.J., Adeleke, S., Nnodu, O., Emodi, I., Ahmed, S., Osegbue, A.O., Akinola, N., Opara, H.I.O., Adegoke, S.A., Aneke, J., Adekile, A.D. (2013) Current sickle cell disease management practices in Nigeria. *International Health*. <http://doi:10.1093/inthealth/iht022> .
38. **Olaniyi, J.A.**, Akinlade, K.S., Atere, A.D., Arinola, O.G. (2014): Plasma homocysteine, methyl-malonic acid, vitamin B12 and folate levels in adult Nigerian sickle cell anaemia patients. *British Journal of Medicine & Medical Research*. Vol. 4. No. 6, 1327-1334.
- *39. Akinlade, K.S., Atere, A.D., Rahamon, S.K., **Olaniyi, J.A.** (2013): Serum levels of copeptin, C-reactive protein and cortisol in different severity groups of sickle cell anaemia. *Niger. J. Physiol. Sci*. Vol. 28. No. 1:150-164.
- *40. Ajani, O.F., Adalakun, A., Ogunleye, D.T., Disu, E., **Olaniyi, J.A.**, Rahamon, K.S. (2013): Increased IgE level in Nigerian sickle cell disease children: Implication for severity of allergic reactions. *J Appl Haematol* Vol. 4. No. 4: 149-152.
- *41. **Olaniyi, J.A.**, Akuwanta, C.U., Aken'Ova, Y.A. (2013): Chronic blood transfusion in a long survivor sickle cell anaemia patient. *Res. J. Health Sci*. Vol. 1. No. 1: 26-30.

- *42. Charles-Davis, M.A., Fasanmade, A.A., **Olaniyi, J.A.**, Oyewole, O.F., Owolabi, M.O., Adebusuyi, J. R., Hassan, O., Ajobo, M.T., Ebesunun, M.O, Adigun, K., Akinlade, K.S., Fabian, U.A., Popoola. O.O., Rahamon. S.K., Okunbolade, W., Ogunlakin, M.A., Arinola, O.G. and Agbedana, E.O. (2013): Metabolic alterations in different stages of hypertension in an apparently healthy Nigerian population. *International Journal of Hypertension*. article ID351357, <http://dx.doi.org/10.1155/2013/351357>. 6 pages
- *43. Akinlade, K.S, Atere, A.D., **Olaniyi, J.A.**, Rahamon, S.K., Adewale, C.O. (2013): Serum copetin and cortisol do not accurately predict sickle cell anaemia vaso-occlusive Crisis as C-reactive protein. *PLOS ONE* Nov. Vol. 8. No. 11, e77913. www.plosone.org
- *44. **Olaniyi, J.A.**, Akinlade, K.S., Atere, A.D., Arinola, O.G. (2014): Serum iron status and haematological profiles in adult Nigerian sickle anaemia patients. *British Journal of Medicine & Medical Research*. Vol. 4. No. 8: 917-927.
- *45. Rahamon, S.K., Charles-Davis, M.A., Akinlade, K.S., **Olaniyi, J.A.**, Fasanmade, A.A., Oyewole, O.F., Owolabi, M.O., Adebusuyi, J.R., Hassan, O., Ajobo, M.T., Ebesunun, M.O., Adigun, K., Fabian, U.A., Popoola, O.O., Okunbolade, W., Ogunlakin, M.A., Arinola, O.G. and Agbedana, E.O. (2014): Impact of dietary intervention on selected biochemical indices of inflammation and oxidative stress in Nigerians with metabolic syndrome: A Pilot Study. *European Journal of Nutrition and Food Safety* Vol. 4. No. 2: 137-149
- *46. Akinlade, K.S., Adewale, C.O., Rahamon, S.K., Fasola, F.A., **Olaniyi, J.A.**, Atere, A.D. (2004): Defective lipid metabolism in sickle cell anaemia subjects in vaso-occlusive crisis. *Nigerian Medical Journal*. Vol. 55. No. 5: 428-431.
- *47. Charles-Davis, M.A., Fasanmade, A.A., **Olaniyi, J.A.**, Oyewole, O.F., Owolabi, M.O., Adebusuyi, J.R., Hassan, O., Ajobo, M.T., Ebesunun, M.O., Adigun, K., Akinlade, K.S., Fabian, U.A., Popoola, O.O., Rahamon, S.K., Okunbolade W., Ogunlakin, M.A., Arinola, O.G. and Agbedana E.O. (2014): Prevalent components of metabolic syndrome and their correlates in apparently healthy individuals in Sub-saharan Africa (2014): *International Journal of Tropical Disease & Health*. Vol. 4. No. 7: 740-752.
- *48. Enapene, E.O., Adebisi, A.A., Ogah, O.S., **Olaniyi, J.A.**, Aje, A, Adeoye, M.A., Falase, A.O. (2014): Non-invasive estimation of pulmonary artery pressures in patients with sickle cell anaemia in Ibadan, Nigeria: an echocardiographic study. *Acta Cardiol* Vol. 69. No. 5: 505-511.
- *49. Akinlade, K.S., Atere, A.D., Rahamon, S.K., **Olaniyi, J.A.**, Ogundeji, P.S. (2014): Vitamin D, bilirubin and urinary albumin-creatinine ration in adults with sickle cell anaemia. *Arch. Bas. App. Med*. Vol. 2: 77-82.
- *50. **Olaniyi, J.A.**, Fowodu, F.O. (2015): Multiple myeloma: The burden and clinic-laboratory characteristics in a Nigerian foremost tertiary hospital. *J Appl Hematol* Vol. 6. No. 2: 58-63

- *51. **Olaniyi, J.A.**, Alagbe, K.E. (2015): Spinal cord discitis and pathological lumbar fracture in a sickle cell anaemia patient: A case report. *International Journal of Medicine and Medical Sciences* Vol. 48. No. 1: 2051-5731
- *52. **Olaniyi, J.A.**, Ogundeji, P.S., Ogbaro, D.D. (2015): Immune Thrombocytopaenic Purpura following acute lymphoblastic leukaemia in remission: *Journal of Leukaemia* <http://dx.doi.org/10.4172/2329-6917.1000180>.
- *53. Fabian, U.A., Charles-Davis, M.A., Fasanmade, A.A., **Olaniyi, J.A.**, Oyewole, O.E., Owolabi, M.O., Adebuseyi, J.R., Hassan, O., Adebuseyi, J.R., Ajobo, B.M., Ebesunun, M.O., Adigun, K., Akinlade, K.S., Arinola, O.G. and Agbedana, E.O. (2015): Sex hormones and their relationship with leptin and cardiovascular risk factors in pre and post-menopausal Nigerian women with metabolic syndrome. *Cardiology and Angiology: An International Journal* Vol. 3. No. 3: 149-156.
- *54. Fabian, U.A., Charles-Davis, M.A., Fasanmade, A, A., **Olaniyi, J.A.**, Oyewole, O.E., Owolabi, M.O., Adebuseyi, J.R., Adebuseyi, J.R., Hassan, O.O., Ajobo, B.M., Ebesunun, M.O., Adigun, K., Akinlade, K. S., Arinola, O.G. and Agbedana, E.O. (2015): Male sexual dysfunction, leptin, pituitary and gonadal hormones in Nigerian males with metabolic syndrome and type 2 diabetes mellitus. *J Reprod Infertil* ; Vol. 17. No. 1.
- *55. **Olaniyi, J.A.**, Ige, O.M., Rahamon, S.K., Arinola, O. G. (June 2016): Haematological abnormalities in treatment naïve multi-drug resistant tuberculosis patients with or without Human Immuno-Deficiency Virus (HIV) infection: *Arch. Bas. App. Med* Vol. 4. No. 1: 57-62.
- *56. Famuyiwa, O.I, Bitrus, D.P., Charles-Davies, M.A., Fabian, U.A., Fasanmade, A.A., **Olaniyi, J.A.**, Oyewole, O.E., Owolabi, M.O., Adebuseyi, J.R., Hassan, O., Ajobo, B.M., Ebesunu, M.O., Adigun, K., Akinlade, K.S., Okoli, S.U., Arinola, O.G., Agbedana, E.O. (2016): Reproductive function in premenopausal African blacks with metabolic syndrome: Associations among Inhibin B, adipolines, pituitary and sex hormones and sex hormone binding globulin. *International Journal of Medicine and Medical Sciences*; Vol. 8. No. 8: 84-90.
- *57. Onifade, A.A., Emeka, G.J., **Olaniyi, J.A.**, Adeyanju, A.S., Ojerinde, A. O., Aiku, A.O.: (Accepted June 2016; Published September 2016): Non-reliability of beta-2-microglobulin and neopterin as immunological markers of HIV Infection. *Afri. J. Biomed. Res.*: Vol.19. No. 3; 205-202.
- *58. Laniyan D. O. Charles-Davies, M.A., Fasanmade A. A., **Olaniyi, J.A.**, Oyewole E.O., Owolabi M.O., Adebuseyi J.R., O. Hassan, O., Ajobo B. M., Ebesunun, M. O., Adigun, K. Akinlade K. S., Okoli S. U., Arinola O. G. and Agbedana E. O. Inhibin B Levels in relation to obesity measures and lipids in males with different numbers of metabolic syndrome components (March 2016). *Journal of Scientific Research & Reports* Vol. 10. No. 5: 1 – 14.

59. Alagbe A.E., **Olaniyi J.A.**, Aworanti O.W. Adult sickle cell anaemia patients in bone pain crisis have elevated pro-inflammatory cytokines(2018).Mediterr J Hematol Infect Dis Vol 10; e2018017.
60. Olaniyi J.A. Akinwunmi A.O.(2018): Polyostotic osteomyelitis in sickle cell anaemia patient. Annals of Tropical Pathology vol. 8 No 1 DOI10.4103/atp.atp_23_17.
61. Akinlade K.S, Kumuyi A.S., Rahamon S.K., **Olaniyi J.A** .(2018): Insulin sensitivity, inflammation and basal metabolic rate in adults with sickle cell anaemia. International Journal of Applied and Basic Medical Research vol. 8; No 2 DOI 10.4103/ijabmr.IJABMR_96_17
62. Obiageli E. Nnodu¹ , Samuel A. Adegoke ², Osita U. Ezenwosu ³, Ifeoma I. Emodi ³, Ngozi I. Ugwu ⁴, Chinatu N. Ohiaeri⁵, Biobele J. Brown⁶, **John A. Olaniyi** ⁷, Hezekiah Isa ⁸, Chinedu C. Okeke¹, Benard A. Bene ⁹, Modupe T. Balogun ¹⁰, Emmanuel C. Okocha ^{11, 12}, John C. Aneke ¹², Juliana Olufunke J. Lawson ¹³, Abjah M. Usman ¹⁴, Ijeoma N. Diaku-Akinwumi ¹⁵, Angela A. Okolo ¹⁶, Yetunde T. Israel-Aina ¹⁷, Mustapha Jamda¹⁸, Oladapo W. Aworanti ⁷, Frédéric B. Piel ¹⁹, Adekunle D. Adekile :A multicenter survey of acceptability of newborn screening for sickle cell disease in Nigeria. Cureus vol. 10 No 3: e2354. DOI10.7759/cureus.2354
63. Olaniyi J.A., Shonde-Adebola K.B. (2018): Immunoglobulin A myeloma in a newly diagnosed sickle cell disease patient. International Journal of Basic and Applied Medical Research Volume 8 Issue 3 July-September 2018
64. Alagbe A.' Olaniyi J.A: (2019). Pattern of Neutrophil-lymphocyte Ratio and Platelet-lymphocyte Ratio in Sickle Cell Anaemia Patients At Steady State and Vaso – occlusive Crisis. Journal of Applied Haematology Vol : 10 (2) |: 45-50
65. Nnodu OE, Isa H, Nwegbu MM, Ohiai C, Adegoke S, Chianumba R, Ngwu N, Brown BJ, Olaniyi JA, Okocha M, Lawson J, Hassan A, Diaku- Akinwumi I,Madu A, Ezenwosu O, Tanko Y, Kangiwa U,Gerei A, Isreal-Aina Y, Ladu A, Egbusu P, Usman A, Okolo A, Akbulut-Jeradi N, Fernandez M,Piel FB, Adekile K.(2019) HemoTypeSC, a low-cost point-of-care testing device for sickle cell disease: promises and challenges. Blood Cells, Molecules and Diseases 78; 22-28.
66. Fasola FA, Olaniyi JA, Irabor A, Amaunam S. (2019) Characteristics of Whole blood donors in a hospital based blood bank in Nigeria: a one year review (2019). ISBT Science Series [Vox Sanguinis] <http://doi.org/10.1111/voxs.12484>
67. Alagbe A. Olaniyi JA.(2019): Pattern of Neutrophil-Lymphocyte ratio in Sickle Cell Anaemia Patients in Steady state and Vaso-occlusive crisis. (2019).Journal of Applied Haematology 10 (2):45-50. DOI:10.4103/joah.joah_57_18
68. Alagbe A., Olaniyi JA, Alagbe O, (2019). Risk factors, PLR and NLR in Acute and Chronic DVT(2019),Intl.J. Clin. Diag. Res. 2019; 7(6):1 www.ijcdr.net.3.
69. Olaniyi J.A. (2019). Blood transfusion reactions .Chapter 2, in a book (Blood Groups), Edited by Anil Tombak: Intech Open Published in London UK

70. Rahamon SK, Charles Davies MA, Akinlade KS, **Olaniyi JA**, Fasanmade AA, Oyewole OE, Owolabi MO, Adebuseyi JR, Hassan OO, Ajobo MB, Adigun K, Ebesunun MO, Popoola OO, Omiyale W, Arinola OG, Agbedana EO.(**2020**). Changes in Biomedical Factors, Inflammatory Mediators and Prothrombotic Acute Phase Proteins in Patients with Type 2 Diabetics Mellitus on 12 months of Dietary modifications. *Diabsity* 6(4): 28-35.
71. Aworanti OW;Anyanwu-Yeiya C;Shonde-Adebola KB; **Olaniyi JA**: Haematology Consultations in a Tertiary Health Care Centre in Nigeria; Nov 2020.*West African Journal of medicine*; 37(6);662-665
72. Aworanti WO. Fasola FA. Kotila TR, **Olaniyi JA**, Brown BJ (2020). Acute Leukaemia in Sickle cell disease patients in a tertiary health facility in Nigeria: A case series. *African Health Sciences* 20(3):pg
73. Amoo A. Dada-Adegbola H. **Olaniyi JA**. Omosa-Manyonyi SG, Humphrey Kariuki Njaanake Kenneth, (2020). Evaluation of transmissible plasmodium falciparum infection in transfusion medicine. *BMC Malaria Journal*. <https://doi.org/10.21203/rs.3.rs-41859/v1pp>
74. **Olaniyi JA**, Adeoye OA. Plasma cell Leukaemia: a case report and review of literature. (2020). *World Journal of Pharmaceutical Research* 9(5); 85-93.
75. Isa H, Adegoke S, Madu A, Hassan AA, Ohiaeri C, Chianumba R, Brown B, Okocha E, Ugwu N, Diaku-Akinwumi I, Adeyemo T, Kuliya-Gwarzo A, Dogara L, Lawal H, Tanko Y, Ladu A, **Kangiwa U**, Ekwem L, Oniyangi S, Wakama T, Umoru D, Olanrewaju O, Akinola N, Nnebe-Agumadu U, Asala S, Adekile A, **Olaniyi J**, Sangeda R, Sickle Africa Data Coordinating Center SADaCC, Nnodu O. (**2020**) Sickle cell disease clinical phenotypes in Nigeria: A preliminary analysis of sickle cell pan African Research Consortium Nigeria Database(2020). *Blood Cells Mol Dis*. 2020 Sep;84:102438. doi: 10.1016/j.bcnd.2020.102438. Epub **2020** Apr 23. PMID: 32504882
76. Isa H, Adegoke S, Madu A, Hassan AA, Ohiaeri C, Chianumba R, Brown B, Okocha E, Ugwu N, Diaku-Akinwumi I, Adeyemo T, Kuliya-Gwarzo A, Dogara L, Lawal H, Tanko Y, Ladu A, **Kangiwa U**, Ekwem L, Oniyangi S, Wakama T, Umoru D, Olanrewaju O, Akinola N, Nnebe-Agumadu U, Asala S, Adekile A, **Olaniyi J**, Sangeda R; Sickle Africa Data Coordinating Center (SADaCC), Nnodu O. Corrigendum to "Sickle cell disease clinical phenotypes in Nigeria: A preliminary analysis of the Sickle Pan Africa Research Consortium Nigeria database" [*Blood Cells, Molecules and Diseases* (2020) Start page-End page/202438]. *Blood Cells Mol Dis*. 2021 May;88:102480. doi: 10.1016/j.bcnd.2020.102480. Epub 2020 Jul 29. PMID: 32739321.

f) **Books, Chapters in Books and Articles Already accepted for publication:**

77. **Olaniyi J.A.:** Megaloblastic Anaemia Chapter 2 in Intech Open Book Title: Current Topics in Anaemia Edited by Jesmine Khan
78. Olaniyi J.A.: Blood Transfusion reactions. Chapter 2 in IntechOpen Book Title: Blood Groups, Edited by Anil Tombak
79. Olaniyi J.A. Acute Lymphoblastic Leukaemia. Chapter 6 in Textbook of Medicine In Press
80. Olaniyi J.A Acute Myeloblastic Leukaemia. Chapter 7. In Textbook of Medicine:

Technical Reports and Monographs:

81. Management of Lymphomas

XI. Major Conferences Attended with Papers Read (In the last 5 years):

- (1). 2012 Annual General Meeting and Scientific Conference on Stem Cell Transplantation. At Sheraton Lagos Hotel, Lagos, Nigeria.
Olaniyi, J.A., Fowodu, F.A.: A five-year Review of Multiple Myeloma cases in Ibadan, South Western Nigeria.
- (2). 2013 Scientific conference of Nigerian Society of Haematology and Blood Transfusion
Olaniyi, J.A., Akunwata, C.U., Aken'Ova, Y.A.
Chronic Blood Transfusion in a long survivor sickle cell anaemia patient: case report.
- (3). 13th Asian-Pacific Federation for Clinical Biochemistry (APFCB) Congress, Bali, Indonesia; 27-30 October 2013.
Akinlade K.S., Atere A.D., Rahamon K.S., **Olaniyi, J.A.**: Serum Levels of Copeptin, C- reactive Protein in Different Severity groups of Sickle Cell Anaemia.
- (4). 5th Unibadan Conference for Biomedical Research, Ibadan, Nigeria: July 12-15, 2016.
Alagbe Adekunle E, Olaniyi John A. Neutrophil to Lymphocyte ratio in Sickle cell Anaemia Patients.
- (5). 5th Unibadan Conference for Biomedical Research, Ibadan, Nigeria: July 12-15, 2016.
Clinical utility of CD4-positive T-cells and Immunoglobulin Levels in the Management of HIV/AIDS Patients in Nigeria.
- (6). 5th Unibadan Conference for Biomedical Research, Ibadan, Nigeria: July 12-15, 2016.
Tumor Necrosis Factor-alpha, Intrleukin-8 and Endothelin-1 levels in Adult Sickle cell Anaemia Patients in University College Hospital, Ibadan, Nigeria.

Ten Publications that Best Reflect my Contributions to Scholarship in Haematology

Publications: 3,4,7,11,22, 26, 29, 30, 34, 38, 44.

1. **Olaniyi J.A.**, Aken'Ova Y.A. (2003): Bone marrow findings in patients with pulmonary tuberculosis. *African Journal of Medicine and Medical Sciences*. Vol. 32. No 2, 155-157. (Nigeria)
2. **Olaniyi J.A.** Aken'Ova Y.A. (2003): Haematological Profile of patients with Pulmonary Tuberculosis at the University College Hospital Ibadan. *African Journal of Medicine and Medical Sciences*. Vol. 32. No 3, 239-242. (Nigeria)
3. **Olaniyi J.A.**, Arinola O.G. (2007): Essential Trace Elements and Antioxidant Status in Relation to Severity of HIV in Nigerians. *Medical Principles and Practice*. Vol. 16. 420-425. (Kuwait)
4. Oluwasola A.O, **Olaniyi J.A.**, Otegbayo J.A, Ogun O.G, Akingbola T.S, Ukah C.O, Akang E.U, and Aken'Ova Y.A (2011): A fifteen year review of lymphomas in a Nigerian Tertiary HealthCare Centre. *Journal of Health Population Nutrition*; Vol. 29. No. 4, 1-7. (Bangladesh)
5. **Olaniyi J.A.** (2011): Flow Cytometric Immunophenotyping of Haematological Malignancies: the way forward in Nigeria. *Pathology and Laboratory Medicine International*; 3: 17-24. (New Zealand)
6. Akinloye, O., Adegbenro, M., **Olaniyi, J.A.**, Rahaman, S.K., Anifowose, A.I., Awosika, E.O., Arinola, O.G. (2011) . Interferon gama, Interleukin 4, Immunoglobulin classes and Nitric Oxide in Nigerians with Acute Leukaemia. *Sierra Leonian Journal of biomedical Research*. Vol. 3. No.3, 138-143. (Sierra Leone).
7. **Olaniyi, J.A.**, Anifowose, A.I, Akinloye, O., Adegbenro, M., Awosika, E.O., Rahaman, S.K., Arinola, O.G., (2011): Antioxidant levels of acute leukaemia patients in Nigeria. *Sierra Leone Journal of biomedical Research*. Vol. 3. No.3, 133-137. (Sierra Leone)
8. **Olaniyi, J.A.**, Fowodu, F.O. (2015): Multiple myeloma: The burden and clinic-laboratory characteristics in a Nigerian foremost tertiary hospital. *J Appl Hematol* Vol. 6. No. 2: 58-63
9. **Olaniyi, J.A.**, Akinlade, K.S., Atere, A.D., Arinola, O.G. (2014): Serum Iron Status and Haematological Profiles in Adult Nigerian Sickle Anaemia Patients. *British Journal of Medicine & Medical Research*. Vol. 4. No. 8: 917-927.
10. **Olaniyi, J.A.**, Akinlade, K.S., Atere, A.D., Arinola, O.G. (2014): Plasma Homocysteine, Methyl-malonic acid, Vitamin B12 and Folate Levels in Adult Nigerian Sickle cell Anaemia Patients. *British Journal of Medicine & Medical Research*. Vol. 4. No. 6, 1327-1334. (United States of America).

Research Focus

Haematology, as a specialized discipline, encompasses broad fields like haemato-oncology, haemoglobinopathies, blood transfusion medicine, haemostasis and haemostatic disorders, anaemias and genetics. My research works predominantly concentrated on haematological malignancies (HM) and Anaemias especially sickle cell disease (SCD).

Research into and management of HM in Nigeria and indeed in Africa is challenged by serious lack of up-to-date equipment for cells' profiling, molecular studies and lack of access to targeted therapy. My research works on HM determined the effectiveness of Imatinib mesylate in the treatment of CML, the first reported Richter's transformation in a chronic lymphocytic leukaemia patient treated in Ibadan; the rare emergence of acute myeloid leukaemia (AML) in a patient successfully cured of Hodgkin's lymphoma, 8 years post therapy. Other new findings are Acute leukaemia that masqueraded as ITP; the determination of the burden and pattern of lymphomas over 15 years, acute leukaemias and multiple myeloma over 5 years respectively in Ibadan, Nigeria. Also, review articles on Burkitt's lymphoma and Flow cytometric Immunophenotyping: informing of its usefulness in definitive diagnosis of leukaemias/lymphomas, were published to increase knowledge and stimulate interest towards its application by Cancer Centers/Units in Nigeria. Furthermore, haemopoietic cells variations in the bone marrow and haematological abnormalities were established in diseases; exhibiting their values in diagnosis, treatment and prognostication especially in patients with tuberculosis and HIV through a body of my studies.

A subset of my works demonstrated the crucial pathogenetic and diagnostic values of abnormal acute phase proteins, essential trace elements, free radicals, nitric oxide, antioxidants, cytokines and other humoral immunological factors in acute leukaemias, SCD and HIV/AIDS. Many micronutrients found to play very important roles in the immune response of HMs SCD, HIV/AIDS were established by another group of my research. In acute leukaemias and SCD patients, many trace elements were found to be significantly reduced which necessitated recommendation of appropriate supplementation.

Dr. J.A. Olaniyi.

Date: 7/8/2023