

10/07/07

I. CURRICULUM VITAE.

NAME: NICHOLAS ANTHONY OTHIENO-ABINYA

DATE OF BIRTH: 09/09/51.

PLACE OF BIRTH: SIAYA, KENYA.

NATIONALITY: KENYAN.

MARITAL STATUS: MARRIED WITH FOUR CHILDREN – all grown-up

ADDRESS: P.O. BOX 2621, K.N.H., Nairobi.

II. EDUCATION:

- 1960 – 1966 Mulaha Primary School, Siaya.
- 1967 – Lake Victoria Primary School, Kisumu (Kenya Primary Education [KPE] Certificate).
- 1968 – 1971 Alliance High School, Kikuyu (East Africa Certificate of Education [EACE]).
- 1972 – 1973 Alliance High School, Kikuyu (Higher School Certificate).
- 1974 – 1979 University of Nairobi Medical School (Bachelor of Medicine and Bachelor of Surgery [MBChB]).
- 1983 – 1986 University of Nairobi Medical School (Bachelor of Medicine [M'Med] in Internal Medicine).
- 1991 – 1992 Training in Medical Oncology at the Royal London Hospital, London.

III. WORKING EXPERIENCE:

- August 2004 to-date Associate professor in medicine, section of Haematology and Oncology, Faculty of Medicine, College of Health Sciences, University of Nairobi.

- 1997 – to – August 2004 – Senior lecturer in Medicine, section of Haematology and Oncology, Faculty of Medicine, College of Health Sciences, University of Nairobi, Nairobi, Kenya.
- 1991 – 1992 – Honorary senior registrar in the Department of Medical Oncology at the Royal London Hospital, London, UK.
- 1987 – to – Date – Specialist services in Haematology and Oncology at the Kenyatta National Hospital, Nairobi, Kenya.
- 1986 – 1987 – Provincial physician, North Eastern Provincial General Hospital, Garissa, Kenya.
- 1983 – 1986 – Senior house officer in medicine at Kenyatta National Hospital, Nairobi, Kenya.
- 1982 – 1983 – Medical officer in-charge, Nyamira District Hospital, Kenya.
- 1980 – 1982 – General duty medical officer, Homa Bay District, Kenya.
- 1979 – 1980 – Medical officer-intern, Nyanza Provincial General Hospital, Kisumu, Kenya.

IV. TEACHING EXPERIENCE:

- 1987 – 1997 - Lecturer in Medicine, section of Haematology/Oncology, Faculty of Medicine, College of Health Sciences, University of Nairobi, Nairobi, Kenya.
- 1997 – 2004 – Senior lecturer in Medicine, section of Haematology/Oncology, Faculty of Medicine, College of Health Sciences, University of Nairobi, Nairobi, Kenya.
- August 2004 to-date Associate professor in medicine, section of Haematology and Oncology, Faculty of Medicine, College of Health Sciences, University of Nairobi.

V. PUBLICATIONS:

- (1). **Othieno-Abinya, N.A.** The response to treatment of malignant lymphomas in adults at Kenyatta National Hospital and prognostic factors influencing such response to treatment. M' Med dissertation, University of Nairobi, 1986.
- (2). **Othieno-Abinya N.A.** and Nyabola L.O. Some clinico-pathologic and prognostic data in malignant lymphomas seen at Kenyatta National Hospital over a 13-year period. *East African Med J* 1989; 66: 757.

- (3). Wellde B.T., Chumo D.A., Reardon M.J., Mwangi J, Esenti A, Mwabi D, **Abinya A**, Wanyama L, and Smith D.H. Presenting features of Rhodesian sleeping sickness patients in the Lambwe Vally in Kenya. *Ann Trop Med Parasitol (suppl)* 1989; 83:73.
- (4). Wellde B.T., Chumo D.A., Reardon M.J., **Abinya A**, Wanyama L., Dola S.E., Mwabi D., Smith D.H., and Siongok T.A. Treatment of Rhodesian sleeping sickness in Kenya. *Ann Trop Med Parasitol (Suppl)* 1989; 83: 99.
- (5). **Othieno-Abinya N.A.**, Nyabola L.O. The prognosis of adult acute leukaemias at Kenyatta National Hospital in the 1980s. *Discovery and Innovation* 1991; 3: 95.
- (6). **Othieno-Abinya N.A.**, Nyong'o A.O. HIV seroprevalence among non-paediatric malignant lymphoma patients at Kenyatta National Hospital between March 1986 and September 1990 (letter). *Ann Oncol* 1992; 3: 324.
- (7). Ayuo P. O., **Othieno-Abinya N. A.**, Joshi M. D., Lore W. Cardiovascular features in adolescents and adults with sickle cell anaemia. *East Afr Med J* 1993; 70: 270.
- (8). **Othieno-Abinya N.A.** The changing pattern in cancer in developing countries (editorial). *East Afr Med J* 1994 April.
- (9). **Othieno-Abinya N.A.**, Mulimba A.O., Nyong'o A.O. Osteogenic sarcoma in Kenya. *Afr J Med Pract* 1994; 1: 73.
- (10). Kiko M.M., Otieno L.S., **Othieno -Abinya N.A.** Renal function in patients with sickle cell anaemia and sickle cell trait in Kenya. *Arr J Med Pract* 1995; 2: 5.
- (11). **Othieno-Abinya N.A.**, Babu A.M. The outcome of treatment for female mammary carcinoma at Kenyatta National Hospital. *Medicus* 1995; 14: 53.
- (12). **Othieno-Abinya N.A.**, Babu A.M., Onyango J.N. Breast cancer radiotherapy treatment outcome in Kenya. *Afr J Med Pract* 1995; 2: 41.
- (13). Nyong'o A.O., **Othieno-Abinya N.A.** Hodgkin's disease in Kenya: Demographic characteristics, EB virus and other aetiologic factors. *Afr J Med Pract* 1995; 2: 79.
- (14). **Othieno-Abinya N.A.** Current approach to management of Hodgkin's disease (review). *New Afr J Med Pract* 1995 Sept.
- (15). Leonchini L., Spina D., Nyong'o A.O., **Othieno-Abinya N.A.**, Minacci C., Disanto A., De Vivo A., Sabattini E., Pogi S., Pileri S., and Tosi P. Neoplastic cells of Hodgkin's disease show differences in EBV expression between Kenya and Italy. *Int J Cancer* 1996; 65:781.
- (16). Kiyiapi J.K.L., Tukei P.M., **Othieno-Abinya N.A.**, McLigeyo S.O., Plummer F.A. Evaluating some factors relating to transmission of human immunodeficiency virus (HIV)

amongst spouses of (HIV) infected patients seen at Kenyatta National Hospital in Kenya. *Afr J Med Pract* 1996; 3(3): 95.

(17). Weinreb M., Day J.P.R., Niggli E.K., Green A.O., Nyong'o A.O., **Othieno-Abinya N.A.**, Riyat M.S., Rafaat F., and Mann J.R. A consistent association between Epstein-Barr virus and Hodgkin's disease in children in Kenya. *Blood* 1996; 87: 3827.

(18). Spina D., Leonchini L., Megha T., Gallorini M., Dosanto A., Tosi P., **Othieno-Abinya N.A.**, Nyong'o A., Pileri S., Laissue J.A., and Cottier R. Cellular kinetic and phenotypic heterogeneity in and among Burkitt's and Burkitt's-like lymphomas. *J Pathol* 1997; 182: 145.

(19). **Othieno-Abinya N.A.** Acute myeloid leukaemia in adults (review). *Africa Health* 1997; 19: 23.

(20). Mwanda W.O., **Othieno-Abinya N.** Relapse of Hodgkin's disease after 10 years of complete remission: A case report. *East Afr Med J* 1998; 75: 192.

(21). Sindani I.S., **Othieno-Abinya N.A.** Idiopathic hypereosinophilic syndrome: A case report and review of literature. *New Afr J Med* 1998; 2: 5.

(22). Munyao T.M., **Othieno-Abinya N.A.** Cutaneous basal cell carcinoma in Kenya. *East Afr Med J* 1999; 76: 97.

(23). **Othieno-Abinya N.A.**, Nyong'o A.O., Gikonyo D.K., Wanyoike M.N., Ogotu E.O., Kanyi S.M. Concurrent renal cell adenocarcinoma and colonic adenocarcinoma in a 58 year old woman. *Healthline* 1999; 3: 43

(24). Nyong'o A.O., **Othieno-Abinya N.A.** HIV-associated malignant lymphomas: Nairobi Hospital experience. *Healthline* 1999; 3: 43

(25). **Othieno-Abinya N.A.**, Nyabola L.O. Vincristine-associated neuropathy as seen in a single Oncology Clinic in Nairobi. *Proc Am Soc Clin Oncol* 2000; Abstr 846.

(26). **Othieno-Abinya N.A.** Breast Cancer: Early diagnosis *East Afr Med J* 2000; 77: 289 (Editorial).

(27). **Othieno-Abinya N.A.**, Nyabola L.O., Nyong'o A.O., Baraza R. Nadir neutrophil counts in patients treated for breast cancer with doxorubicin and cyclophosphamide. *East Afr Med J* 2001; 78: 370

(28). **Othieno-Abinya N.A.**, Nyabola L.O. Experience with vincristine-associated neurotoxicity. *East Afr Med J* 2001; 78:376.

(29). **Othieno-Abinya N.A.**, Nyabola L.O., Maina J.M. CML at Kenyatta National Hospital. *Proc Am Soc Clin Oncol* 2002. Abstr. 2631.

(30). **Othieno-Abinya N.A.**, Nyabola L. O., Abwao H. O. and Ndege P. *Post-surgical management of Patients with breast cancer at Kenyatta National Hospital. East Afr Med J* 2002; 79: 46.

(31). **Othieno-Abinya N. A.**, Nyabola L. O., Kiarie G. W., Ndege P. and Maina J. M. D. *Chronic Myeloid Leukaemia at Kenyatta National Hospital. East Afr Med J* 2003; 79: 593.

(32). **Othieno-Abinya N. A.**, Nyabola L.O., Abwao H. O., and Maina J.M. D. *Are there easy predictors of survival amongst patients with Non-Hodgkin's lymphomas? Kenyatta National Hospital Experience. Proc Ann Soc Clin Oncol. May/June 2003, Chicago, Illinois, USA.*

(33). **Othieno-Abinya NA**, Abwao HO, Maina JMD, Nyabola L, Opiyo A, Njuguna E, Ndege P and Musibi A. *Non-Hodgkin's lymphomas at the Kenyatta National Hospital, Nairobi in the 1990s. East Afr Med J* 2004; 81: 450-458.

(34). **Othieno-Abinya NA**, Abwao HO, Opiyo A, Njuguna E, Maina JMD and Nyabola LO. *Hodgkin's Lymphoma in the 1990s: Kenyatta National Hospital experience. East Afr Med J* 2005; 88:59-65

(35). **Othieno-Abinya NA**, Abwao HO, Nyabola LO, Ating'a JA. *Experience with multiple myeloma in a public referral hospital in Nairobi. Proc Ann Soc Clin Oncol* 2005; Abstr 6729.

(36). **Othieno Abinya NA**, Abwao HO, Bird P, Baraza R, Byakika B, Kodwawwalla Y. *Experience with breast cancer in a single oncology clinic in Nairobi. Proc Am Soc Clin Oncol June 2006, Chicago (Abstr 10714).*

(37). **Othieno Abinya NA**. *Markers and disease outcome in breast cancer (Edit). East Afr Med J* 2006; 83: 409-410.

(38). **Othieno Abinya NA**. Waweru A, abwao HO and Nyabola LO. *Chemotherapy induced myelosuppression. East Afr Med J* 2000; 84: 8-15.

(39). Bukakhala W, Joshi MD, **Abinya NO**, Amayo A and Abwao HO. *Incidence of chemotherapy related tumour lysis syndrome at Kenyatta National Hospital, Nairobi. East Afr Med J* 2007; 84: 100-108.

VI. BOOKS PUBLISHED/CHAPTERS IN BOOKS

(1). **Othieno Abinya NA**, Byakika B, Abwao HO, Wanjohi E, Baraza R. *What do you know about cancer? Breast Cancer (Booklet). Nairobi University Press 2006.*

(2). *Othieno Abinya NA, Byakika B, Abwao HO, Wanjohi E, Baraza R. What do you know about cancer? Prostate Cancer (Booklet). Nairobi University Press 2006.*

(3). *Othieno Abinya NA, Byakika B, Abwao HO, Wanjohi E, Baraza R. What do you know about cancer? Cancer of the Cervix and Uterine Body (Booklet). Nairobi University Press 2006.*

(4). *Othieno Abinya NA. Drug Treatment In Neoplastic Disorders of The Haematopoietic and lymphoreticular System. Jomo Kenyatta Foundation 2006.*

(5). *Othieno Abinya NA. The Epidemiology of cancer in Kenya with special reference to chronic myeloid leukaemia. In: Adama Ly and Khayat D. About Cancer In Africa; Institut National Du Cancer, Cedex, France, 2007; PP 293-301.*

(6). *Ogola EN, Amayo EA, McLigeyo SO, Munyao T and Othieno Abinya NA. Medicine: Non communicable Diseases in Adults: African Medical Research Foundation Second Edition; 2006.*

VII. PAPERS PRESENTED AT CONFERENCES AND SYMPOSIA:

August 1988 – Harare, Zimbabwe Othieno-Abinya, N.A. and Nyabola, L.O. Some clinicopathologic and prognostic data in malignant lymphomas diagnosed at Kenyatta National Hospital over a 13 year period. 34th Scientific and Annual General Meeting of the Association of Physicians of Eastern and Central Africa.

1990 June – Lugano, Switzerland Othieno-Abinya, N.A. and Nyong'o A.O. (abstract accepted, we did not attend). Burkitt's lymphoma in Kenya: A twenty-year retrospective survey. Fourth International Conference on Malignant Lymphoma.

December 1989 – Arusha, Tanzania Othieno-Abinya N.A. and Nyong'o A.O. HIV seropositivity in adult patients with malignant lymphoma diagnosed at Kenyatta National Hospital between September 1986 and May 1989. International Conference on AIDS and Other Communicable Diseases.

April 1994 – Nakuru, Kenya Othieno-Abinya, N.A. Babu, A.M., Onyango, J.N. The outcome of treatment of female mammary carcinoma as seen at Kenyatta National Hospital. 22nd Annual Scientific Conference and Annual General Meeting of the Kenya Medical Association.

1994 April – Nakuru, Othieno-Abinya, N.A. Is modified MACOP-B effective treatment for osteogenic sarcoma? 22nd Annual Scientific Conference and Annual General Meeting of Kenya Medical Association.

1994 March – Nairobi, Othieno-Abinya, N.A. Acute myelogenous leukaemia: Yesterday, today and tomorrow. Medic Africa '94.

1999 March – Nairobi **Othieno-Abinya, N.A.** Cyclical combination chemotherapy of hepatocellular carcinoma in Nairobi. Kenya Association of Physicians symposium on diseases of the gastrointestinal tract.

1999 October – Nairobi **Othieno-Abinya N.A.** and Wairagu S. Exchange blood transfusion alleviates platelet alloimmunization in platelet refractory acute myeloid leukaemia: A case presentation. Kenya Association of Physicians symposium in Haematology/Oncology.

1999 October – **Othieno-Abinya N.A.**, Nyabola L, Nyong'o A.O., and Baraza R. Nadir neutrophil counts in patients with breast cancer treated with cyclophosphamide/adriamycin combination in a single oncology clinic in Nairobi. Kenya Association of Physicians Symposium on Haematology/Oncology.

1999 October – Nairobi **Othieno-Abinya N.A.**, Nyabola L.O. Vincristine neuropathy as seen in a single oncology clinic in Nairobi. Kenya Association of Physicians symposium in Haematology/Oncology

1999 October – **Othieno-Abinya N.A.**, Nyabola L, Nyong'o A.O., and Baraza R. Nadir neutrophil counts in patients with breast cancer treated with cyclophosphamide/adriamycin combination in a single oncology clinic in Nairobi. Kenya Association of Physicians Symposium on Haematology/Oncology.

1999 October – Nairobi **Othieno-Abinya N.A.**, Nyabola L.O. Vincristine neuropathy as seen in a single oncology clinic in Nairobi. Kenya Association of Physicians symposium in Haematology/Oncology

VIII. CONFERENCES AND WORKSHOPS ATTENDED:

1997 July – International Union against Cancer (UICC) sponsored advanced course in cancer management, KEMRI, Nairobi.

1988 August – Annual and Scientific Conference of the Association of Physicians for Eastern and Central Africa, Harare, Zimbabwe.

1991 February – Winter meeting of the British Society for Medical Oncology – John Radcliffe Hospital, Oxford, England.

1991 September – Annual lymphoma meeting at the Christie Hospital and Holt Radium Institute, Manchester, England.

October 1991 – British Advanced Oncology Course, the Royal Postgraduate Medical School, Hammersmith Hospital, London.

1992 January – Anglian Germ Cell Tumour Meeting, Addenbrooke's Hospital, Cambridge, England.

October 1992 – Oncology Workshop, Ospedale Carlo Forlanini, Rome, Italy.

1995 July – Luekaemia/lymphoma workshop at St. Bartholomew's Hospital, London.

1995 October – Course in “Current Concepts in Medical Oncology”, Memorial Sloan-Kettering Cancer Centre, New York, USA.

1996 November – 21st conference of the European Society for Medical Oncology, Vienna, Austria.

1997 September – European Cancer Conference, Hamburg, Germany.

February 1998 – Taxotere meeting, Harare, Zimbabwe.

1998 May – America Society of Clinical Oncology (ASCO) Conference, Los Angeles, California, USA.

1998 November – ESMO Conference, Athens, Greece.

1999 February – Solid tumour meeting, Milan, Italy.

1999 April – Breast cancer meeting, Johannesburg, South Africa.

1999 May – American Society of Clinical Oncology (ASCO) Conference, Atlanta, Georgia, USA.

2000 May – American Society of Clinical Oncology (ASCO) Conference, New Orleans, Louisiana, USA.

2001 May – American Society of Clinical Oncology (ASCO) conference, San Francisco, California, USA.

March 2002 – Delivered lecturers on “Breast Cancer Management and Management of Iatrogenic Bone Marrow Suppression at the University of Science and Technology's Medical School, Accra, Ghana.

May 2002 – American Society of Clinical Oncology (ASCO) conference, Orlando, Florida, USA.

November 2002 – European Society of Medical Oncology (ESMO) conference, Nice, France.

March 2003 – Kenya Association of Physicians, symposium on Non-communicable diseases, Nairobi, Kenya.

May – June 2003 – American Society of Clinical Oncology (ASCO) Conference, Chicago, Illinois, USA.

June 2004 – American Society of Clinical Oncology conference – New Orleans, Louisiana, USA.

September 2004 – European Cancer Conference, Istanbul, Turkey.

June 2005 – American Society of Clinical Oncology Conference, Orlando, Florida, USA.

October 2005 – European Society of Medical Oncology Conference, Vienna, Austria

June 2006 – American Society of Clinical Oncology Conference, Atlanta, Georgia, USA.

October 2006 – European Society of Medical Oncology Conference, Istanbul, Turkey.

June 2007 – American Society of Clinical Oncology Conference, Chicago, Illinois, USA.

IX. Honours:

- *1972 – First class certificate in German Language after a two year course organized by the Goethe Institute in Nairobi.*
- *1973 – First place certificate in biology in Kenya Secondary Schools’ Science Congress “A levels” competitions, Central Province.*
- *1973 – First place certificate in biology in Kenya Secondary Schools’ Science Congress “A levels” national competitions.*
- *2002 – Recipient of American Society of Oncology (ASCO) International Travel Grant Award for ASCO’s annual meeting in Orlando, Florida, USA.*

X. ONGOING RESEARCH PROJECTS.

1. *Othieno-Abinya NA, Kiarie GW, Musibi AM, Nyongesa CN, Byakika B, Abwao HO. Phase II Clinical Trial of BEMACOPPA Protocol in Aggressive and Highly Aggressive Phenotype Non-Hodgkin’s Lymphomas.*
2. *De Ver Dye T, Othieno Abinya NA, Arnold C, Bize M, Settaala R. GIPAP Rapid Impact Assessment.*
3. *Leoncini L, Stein H, Hummel M, Othieno Abinya NA, Mwanda WO, DeFalco G, Bellan C, Nyagol J. Gene expression profile analysis in Burkitt’s lymphomas: Phenomenal differences emerging between the endemic and sporadic Burkitt’s lymphomas .*
4. *Othieno Abinya NA, Mutuma GZ, Gatherer SK, Korir AR, Mutunga J, Kiarie GW. Education for early detection and treatment of Burkitt’s lymphoma and*

determination of environmental/familial factors associated with its occurrence: A “ My Child Matters” project Co-sponsored by International Union Against Cancer (IUCC) and Sanofi-Aventis pharmaceuticals.

XI. SUPERVISION OF POSTGRADUATE STUDENTS:

1. 1989 - Dr. Francis Babu-Bora *Leukotriene levels in asthmatic patients with acute attacks or in stable state at Kenyatta National Hospital.*
2. 1990 - Dr. Paul Otieno Ayuo *Cardiovascular manifestations of sickle cell anaemia in patients aged 13 years and above at the Kenyatta National Hospital.*
3. 1991 – Miss Miriam Hautzager and Miss Mary Van Der Steur, both of *Department of Pharmacology, Academic Medical Centre, Melbergdreef, Amsterdam, The Netherlands. Detection and evaluation of potential antitumour agents from natural sources used by traditional medical practitioners in Kenya.*
4. 1991 – Dr. Mary Mbithe Kiko, *Assessment of renal function in patients with sickle cell anaemia and sickle trait at the Kenyatta National Hospital.*
5. 1995 – Dr. Joel Lekakeny; Kiyiapi *Evaluation of some factors involved in heterosexual transmission of human immunodeficiency virus amongst spouses seen at Kenyatta National Hospital.*
6. 2003 – Dr. Andrew Juma Suleh – *Lymphadenopathy in HIV infected adults at Kenyatta National Hospital.*
7. 2004 – Dr. Gladwell W. Kiarie: *A study to determine the prevalence of familial clustering of cancer in two tertiary care hospitals in Nairobi.*
8. 2005 - Dr. NW Busakhala: *A study to determine the incidence of chemotherapy related tumour hysis syndrome at Kenyatta National Hospital.*
9. 2005 – Andrew Juma Suleh – *Lymphadenopathy in HIV infected adults at Kenyatta National Hospital.*

XII. MEMBERSHIP IN PROFESSIONAL SOCIETIES AND ASSOCIATIONS.

1. *Kenya Association of Physicians.*
2. *Kenya Cancer Association.*
3. *Kenya Society of Haematology and Oncology (KESHO) – Founder member and Chairman.*

4. *European Society for Medical Oncology (ESMO).*
5. *American Society of Clinical Oncology (ASCO).*
6. *Africa Organization for Research and Training in Cancer (AORTIC). Member of the Scientific Committee.*

XIII. PARTICIPATION IN NATIONAL ACTIVITIES.

1996 – Assistant secretary of the Ministry of Health’s taskforce for the National Cancer Control Programme.

1997 – Chairman of the Ministry of Health’s taskforce for the National Cancer Control Programme.

- Member of the Kenyatta National Hospital’s Ethics and Research Committee.

- Board member of Kenya Breast Health Programme.

XIV. DEPARTMENTAL AND COLLEGE RESPONSIBILITIES:

1987 – 1989 - Clinical clerkship and continuous assessment for final year medical students.

1988 – 1990 - Departmental representative in the college curriculum committee.

1990 – Departmental representative in the college committee charged with drafting the 5-year development plan.

1990 – Departmental representative in the college “full-time student-equivalent”(FTSE) committee, charged with projecting staff requirement based on student numbers and hours of teaching.

1993 – to – Date – Responsibility for timetabling and examination of dental students in medicine.

1995 – to – 2006 – Member of departmental income-generation committee.

2004 – 2006 – Convener of the departmental Income-Generation Committee.

2003 – 2006 – Member of the Nairobi Hospice Board of Directors.

2004 – 2006 – Member of the Nairobi Hospice Executive Management Committee.

Currently: Departmental representative to the school curriculum committee.