CURRICULUM VITAE

1 (a) **Name**: Adebowale Bernard SABA

(b) **Department**: Veterinary Pharmacology and Toxicology.

©. **Faculty**: Veterinary Medicine

II (a) **First Academic appointment**: Lecturer II, 1 February, 1994

(b) **Present Post (with date)**: Professor, 1 October 2013

III **University Education (with dates)**:

(a) University of Ibadan, Ibadan October, 1985- July, 1991

(b) University of Ibadan, Ibadan October, 1992- March, 1995

(c) University of Ibadan, Ibadan March, 1996- October, 2005

IV. **Academic Qualification (with dates and granting bodies)**:

(a) Doctor of Veterinary Medicine, 1991 (University of Ibadan, Ibadan).

(b) Master of Science (Veterinary Pharmacology), 1995 (University of Ibadan, Ibadan).

(c) Doctor of Philosophy, 2005 (University of Ibadan, Ibadan).

V. **Professional Qualification and Diploma (with dates)**:

(a) Registered Veterinary Surgeon, 1991.

(b) Certificate in Workplace Hazardous Materials Information System, Queen's University, Kingston, Ontario, Canada, 2006.

(c) Certificate in Ecosystem Health, University of Illinois, Urbana-Champagne, USA, 2009

VI. **Scholarships, Fellowship and Prizes (with Dates)**

(a) John, D. and Catherine, T. MacArthur Foundation Fellowship Grant (2005).

(b) Postdoctoral Fellow, Department of Microbiology and Immunology, Queen's University, Kingston, Ontario, Canada (2006).

(c) University of Ibadan Senate Research (1999, 2001, 2008).

(d) University of Illinois Envirovet Scholarship (2009).

(e) Travelling Grant by University of Ibadan, Ibadan. (2009).

(f) Travel Award by African Society for Toxicological Sciences (2009)

VII. Honours, Distinction and Membership of Learned Societies

(a) External Examiner, University of Agriculture, Abeokuta (2005 to 2008; 2017-date)

(b) External Examiner, Usmanu Dan Fodio University, Sokoto. (2007).

(c) External Examiner, University of Abuja. (2007-2009).

(d). Visiting Lecturer, Federal University of Agriculture, Abeokuta (2009-2010)

(e). External Examiner, University of Nigeria Nsukka (2015-2018)

(f). External Examiner, Micaheal Opara Federal University of Agriculture , Umudike (2015-2018)

(g) Member, Nigeria Veterinary Medical Association.

(h) Member, Society of Toxicology, USA.

(i) Member, African Education Initiative, USA

VIII. Details of Teaching Experience at the University level:

1. Teaching Appointment Held

a). Lecturer II, Department of Veterinary Physiology, Biochemistry and Pharmacology, University of Ibadan, Ibadan (1 February, 1994-30 September, 1999).

b). Lecturer I, Department of Veterinary Physiology, Biochemistry and Pharmacology, University of Ibadan, Ibadan (1 October, 1999-30 September, 2002).

c). Senior Lecturer, Department of Veterinary Physiology, Biochemistry and Pharmacology, University of Ibadan, Ibadan (1 October, 2002-1 October 2013)

d). Professor, Department of Veterinary Physiology, Biochemistry and Pharmacology, University of Ibadan, Ibadan (1 October 2013)

5. Clinical Services to the Veterinary Teaching Hospital

I was appointed as Clinician in 1997 serving in the Veterinary Pharmacy, Clinical Pharmacology Toxicology Unit of the Hospital. My routine duties included diagnosis, prescriptions and treatment. I was appointed a Consultant Pharmacologist/Toxicologist in 2007 to the VTH and have been rendering services in that capacity to date.

6. Administrative Services at the Faculty and University Levels

a) Acting Head of Department, Department of Veterinary Physiology, Biochemistry and Pharmacology, University of Ibadan, Ibadan (August 2007 to 2009).

b) Congregational Representative in Senate (2001-2003, 2005 to 2010)

c) Sub-dean (Postgraduate), Faculty of Veterinary Medicine (September 2006 to 2007).

d) Member, Executive Committee, Postgraduate School (September 2006 to 2007)

e) Member, Curriculum Review Committee, Postgraduate School (September 2006 to 2007).

f) Member Board of Postgraduate School (September 2006 to 2009)

g) Assistant Warden, Independence Hall. (1st August, 2003 to 2007).

h) Faculty Representative on University Board of Survey (2007 to 2010).

i) Member, University Missions Research, Faculty of Veterinary Medicine

j) Departmental Coordinator, Undergraduate Veterinary Pharmacology (1997 to 2007)

k) Departmental Coordinator, Postgraduate Veterinary Pharmacology (2005 to 2009,).

l) Faculty Ceremonial committee (1994 to 2010)

m) Faculty Time Table Committee (1994 to 2007)

n) Faculty Admission committee (Undergraduate) (2006-2009)

o) Member, Departmental Finance Committee (2000 to Date)

p). Acting Head of Department, (2007-2009)

q) Member, Faculty Promotion and Appointment Panel (2007-2016)

r). Head of Department (2017 to Date)

s). Faculty Representative, Central Promotion and Appointment Committee (2019)

X) Publications

(**1**) **Books already published:**

Saba, A.B., Oridupa O.A., Ajibade T.O (2013). Drug-induced Hepatitis and its treatment. Stirling-Horden Publishers Ltd Ibadan.Nigeria. Pp 1-136 ISBN 978-978- 032-291-5.

(**2**) **Chapters in Books already published:**

Saba A.B. and Oridupa O.A. (2012). Lipoproteins and cardiovascular diseases. In: Lipoproteins - Role in Health and Diseases, S. Frank and G. Kostner (editors). Published by In-Tech, Rijeka, Croatia. Chapter 8, Pp 197 – 222.

(3) **Saba** A.B and Ajibade, T (2012). Role of Lipoproteins in Carcinogenesis and in Chemoprevention. In: Lipoproteins - Role in Health and Diseases, S. Frank and G. Kostner (editors). Published by In-Tech, Rijeka, Croatia. Chapter 27, Pp 647-662.

c) Articles that have appeared in refereed Conference Proceedings:

(4) Ola-Davies, O.E and **Saba**, A.B. (1998). Studies on the serum electrolyte changes in *Trypanosoma congolense* infected New Zealand White rabbits. Proceedings of 3rd annual conference of Animal Science Association of Nigeria (September 22-24) Lagos. Pp 184-185.

(5) Ola-Davies, O. E., **Saba**, A B., Ariyibi, AA and Akinboade, O. A. (1999) Effect of trypanosomosis on some blood biochemical parameters in rabbits. Proceedings of 36th Annual National Congress of Nigerian Veterinary Medical Association (25th October, 1999), Kaduna. Pp 52-54.

e). Articles that have already appeared in learned journals:

(6) Adedapo, A.A. **Saba**, A.B: and Dina O.A. (1999). The effects of trypanosomosis on plasma protein levels in indigenous cattle. Nigeria Journal of Animal Production 26: 125 - 128.

(7) Dina, O.A., Adedapo, A.A., Ige, O.O. and **Saba**, A.B (1999). Haematinic effect of extracts of *Sorghum Bicolor* in experimentally induced anaemia in domestic rabbits. Tropical Journal of Environmental Research.1 (1): 45-52.

(8) **Saba**, A.B**.,** Ola-Davies, O., Oyeyemi, M.O and Ajala, O. (2000). The toxic effects of prolonged administration of Chloramphenicol on the liver and kidney of laboratory rats. African Journal of Biomedical Research 3 (3): 131-137.

(9) Dina, O.A, Adedapo, A. A., Oyinloye, O.P and **Saba**, A.B. (2000) Effect of *Telfaria occidentalis* extracts on experimentally induced anaemia in domestic rabbits. African Journal of Biomedical Research 3 (3): 181-183.

(10) Sanni, A.A., Oke, O. A., **Saba**, A.B, Ola-Davies, O.E and Durotoye, L.A (2000). Effect of melatonin on intestinal fluid absorption in domestic chicken (*Gallus domesticus*). African Journal of Biomedical Research 3 (1): 31-34.

(11) Dina, O.A; **Saba,** A.B; Akhiromen, L.O; Adedapo, A.A. and Ola-Davies (2001). The effect of aqueous leaf extract of *Telfaria occidentalis* on isolated guinea pig ileum. African journal of Biomedical Research 4 (1): 53-54.

(12) Dina, O.A, **Saba,** A.B, Adedapo, A.A. Akinyemi and Omobowale, T.O (2002). Comparative efficacy study of Homidium bromide, Diminazene aceturate and their combination on New Zealand White rabbits experimentally infected with *T. congolense.* Tropical Veterinarian 20 (3) 153-158.

(13) **Saba,** A.B; Adedapo, A.A. Arowolo, RO.A., and Dina, O.A (2002). *In vivo* assessment of the efficacy of Samorin and Berenil in nomadic cattle in Southwestern Nigeria. Nigeria Journal of Animal production 29 (1): 81-87.

(14) Ola-Davies, O.E., Oyeyemi, M. O., **Saba,** A.B and Ajala, 0.0. (2002). Prevalence of Eimeria Oocysts in West African Dwarf goats at the University of lbadan Farm. Nigerian Journal of Animal Production 29 (2): 259-263.

(15) Olayemi, F. O., Arowolo, R.O.A., **Saba,** A. B and Famakinde, S. A. (2002) Effects of sex on the blood profiles of the Nigerian local duck. *(Anas pltyrhynchos).* Bulletin of Animal Health and Production of Africa. 50: 67-71.

(16) Adedapo, A.A., Dina, O. A., **Saba,** A. B and Oladipo, O.D. (2002). Evaluation of *Telfaria occidentalis* and *Sorghum bicolor* extracts as potent haematinics in domestic rabbits. Nigerian Journal of Animal Production 29 (1): 88-93.

(17) **Saba**, A.B; Awe, O.E; Akinloye, AK and Oladele, G.M. (2002). Haematological changes accompanying prolonged ocular chloramphenicol administration in laboratory rabbits. African Journal of Biomedical Research 5: 133-137.

(18) Adedapo, A.A. **Saba,** A.B. Abatan, M.O. Ohore. G.O., Famakinde, S. A and Arowolo, RO.A. (2003). Comparative analysis of the Dark Ground Buffy Coat (DG) and Enzyme-Linked Immunosorbent Assay (ELISA) in the diagnosis of trypanosomosis in cattle. Tropical Journal of Animal Science. 6 (2): 23-26.

(19) **Saba,** A. B., Dina, O. A., Adedapo, A. A and Akhiromen, I. O. (2003). Effects of aqueous leaf extract of *Solanum aethiopicum* on isolated Guinea pig ileum. African Journal of Biomedical Research. 6 (3): 146-147.

(20) Adedapo, A.A., **Saba,** A.B., Dina, O.A and Oladejo, G.M.A. (2004). Effects of dexamethasone on the infectivity of *Trypanosoma vivax* Y 486 and the

haematological changes in Nigerian domestic chicken *(Gallus gallus domesticus).* Veterinarski Arhiv 74 (5): 371-381.

(21) Adedapo, A.A., **Saba,** A.B., Dina, O.A and Oladejo, G.M.A. (2004). Effects of dexamethasone on the infectivity of *Trypanosoma vivax* Y 486 and serum biochemistry changes in Nigerian domestic chickens. *(Gallus gallus domesticus).* Tropical Journal Animal Science. 7 (1): 65-72.

(22) Adedapo, A. A, **Saba,** A. B, Dina, O. A and Murtala, B. A (2004). Effects of dexamethasone on the pathogenicity of *Trypanasoma congolense* in Nigerian local domestic chicks *(Gallus gallus domesticus).* Tropical Journal of Animal Science 7(2): 11-19.

(23) Adedapo, A.A., **Saba,** A.B., Arowolo, R.O.A and Abatan, M.O. (2005). Comparison of the prevalence of trypanosomosal infection in indigenous cattle in the Guinea and Derived Savannah Vegetational Zones of South- West Nigeria. Nigeria Journal of Animal Production 32: (1): 116-119.

(24) Adedapo, A.A., Olayemi, F. O., **Saba**, A. B., Dina, O.A and Momoh, F. O. (2005). An assessment of a prophylactic dose of Isometamidium chloride (Samorin®) on haematological and serum biochemical parameters of rabbits experimentally infected with *Trypanosoma brucei brucei* (Lafia strain). Folia Veterinaria, 49 (3): 138-142.

(25) Adedapo, A. A., **Saba,** A. B and Dina, O.A (2005). An *in vivo* assessment of the use of Haematopan B12® in the treatment of experimentally induced anaemia in domestic rabbits. Nigerian Journal of Animal Production. 32 (2):301-307.

(26) Adedapo, A. A., Olopade, J. O., **Saba**, A. B and Dina, O. A (2006). Effects of corticosteroid administration on the infectivity of T. *brucei brucei* 8/18 in Nigerian domestic chicken. Nigerian Journal of Animal Production, 33 (1): 140-144. (Nigeria)

(27) **Saba,** A. B and Arowolo, R. O. A (2006). The threshold and the maximum range of pharmacological response of gastrointestinal smooth muscle of Nigerian Muscovy duck. Tropical Veterinarian, 24 (1&2): 16-22. (Nigeria) (My contribution is 80%)

(28) **Saba, A. B**. and Arowolo, R O. A (2006). The effect of histamine and histamine H_1 and H_2 receptors blocker on the ileum of the Nigerian local duck *(Cairina moschata).* Folia Veterinaria 50 (4): 170-174.

(29) Eghinaruwa, K. I., Ogunleye, O. A, **Saba,** A. B., Famakinde, S. A., Ola-Davies, O. E and Abu, H. H (2006). Influence of atropine, and loperamide on reduced intestinal transit induced by *Calotropis procera* Latex in rats. African Journal of Biomedical Research 9 (2): 125-128.

(30) **Saba**, A. B, Arowolo, RO A and Famakinde, S. A (2006). The pharmacological reaction processes of the gastrointestinal smooth muscle of the Nigerian duck *(Cairina moschata)* to acetylcholine. Folia Veterinaria 50 (3): 134 - 138.

(31) Omobowale, T. O., Emikpe, B. O., **Saba,** A. B and Sonibare, O. A (2006). Diazinon toxicity in a commercial layer flock on the University of Ibadan Farm, Nigeria. Bulletin of Animal Health and Production. 54 (4): 298-300.

(32) **Saba**, A. B., Adedapo, A. A., Oyagbemi, A. A., Odudu, Z. K (2007). Laboratory evaluation of sanative pair of diminazene aceturate and Isometamidium chloride as combination therapy for animal trypanosomosis. Folia Veterinaria 51(3-4): 169-174.

(33) Tomori, O. A., **Saba, A. B**. and Dada-Adegbola, H. 0 (2007). Antibacterial activity of ethanolic extract of whole fruit of *Lagenaria breviflora* Roberts. Journal of Animal and Veterinary Advances 6 (5): 752-757.

(34) **Saba**, A. B and Arowolo, R O. A. (2007). Pharmacology of adrenergic stimulation of duodenal smooth muscle of Nigerian Muscovy duck *(Cairina moschata).* Journal of Animal and Veterinary Advances 6 (4): 580-585.

(35) **Saba, A. B**. and Oyagbemi, A. A. (2007). The effect of multivitamin-haematinic complex in chloramphenicol-induced anemia in Rabbits. International Journal of Pharmacology, 3 (5): 411-415.

(36) Oyagbemi, A.A.**. Saba, A.B** and Arowolo, R.O.A (2008). Safety evaluation of prolonged administration of Stresroak® in Grower Cockerels. International Journal of Poultry Science. 7 (6): 574-578.

(37) **Saba** A.B., Oridupa, A.A and Ofuegbe (2009). Evaluation of haematological and serum electrolyte changes in Wistar rats administered with ethanolic extract of whole fruit of *Lagenaria breviflora* Robert. Journal of Medicinal Plants Research 3 (10): 758-762.

(38) **Saba,** A. B., Oridupa, A. 0., Oyeyemi, M.O and Osanyingbe, O. D. (2009) Spermatozoa morphology and characteristics of male Wistar rats administered with ethanolic extract of *Lagenaria Breviflora* Roberts. African Journal of Biotechnology. 8 (7): 1170-1175.

(39) Oyagbemi, A. A., Azeez, O.I and **Saba**, A.B (2009). Interactions between reactive oxygen species and cancer: the roles of natural dietary antioxidants and their molecular mechanisms of action. Asian Pacific Journal of Cancer Prevention 10: 535-544.

(40) Oyagbemi, A. A., **Saba**, A.B and Azeez, O.I (2009). Curcumin: From food spice to cancer prevention. Asian Pacific Journal of Cancer Prevention 10:963-967.

(41) Oyagbemi AA, Azeez OI and **Saba** AB (2010). Hepatocellular carcinoma and the underlying mechanisms. African Health Sciences 10 (1): 93 – 98

(42) Oyagbemi, A.A., **Saba**, A.B and Azeez, O.I (2010). Molecular targets of [6]-gingerol: Its potential roles in cancer chemoprevention. Biofactors 36 (3): 169-178.

(43) Oyagbemi, A.A., **Saba**, A.B and Azeez, O.I (2010). Capsaicin: A novel chemopreventive molecule and its underlying molecular mechanisms of action. Indian Journal of Cancer.47 (1): 53-58.

(44) **Saba**, A. B and Oridupa O. A (2010). Changes in the haematological profile of West African hinged-backed tortoise (*Kinixys erosa*) anaesthetized with ether or thiopentone sodium. Journal of Cell and Animal Biology 4 (11): 158-162.

(45) **Saba** A. B, Oridupa, O A, Oyagbemi, A.A and Alao, E.O (2010). Serum biochemical changes accompanying prolonged administration of ethanolic extract of whole fruit of *Lagenaria breviflora* (Benth) Roberty in Wistar rats. African Journal of Biotechnology Vol. 9 (42): 7128-7133

(46) Lawal, T.T., **Saba**, A.B., Ewuola, E. O and Iyiola-Tunji, A. O (2010). Haematological responses of adult male rabbits to prolonged administration of Chaya plant (*Cnidoscolus aconitifolius*) extract. African Journal of Animal and Biomedical Sciences 5 (3): 118-122.

(47) **Saba** A. B, Oyagbemi AA and Azeez OI (2010). Amelioration of carbon tetrachloride-induced hepatotoxicity and haemotoxicity by aqueous leaf extract of *Cnidoscolus aconitifolius* in rats. Nigerian. Journal. Physiological. Sciences. 25: 139 – 147.

(48) Oyagbemi, A.A., Adedara, I.A., **Saba**, A.B and Farombi, E.O (2010). Role of oxidative stress in reproductive toxicity induced by co-administration of chloramphenicol and multivitamin-haematinics complex in rats. Basic and Clinical Pharmacology and Toxicology 107: 703-708.

(49) **Saba**, A.B., Oyagbemi, A.A and Azeez, O.I (2010). Antidiabetic and haematinic effects of *Parquetina nigrescens* on alloxan-induced Type-1 diabetes and normocytic normochromic anaemia in Wistar rats. African Health Sciences 10 (3):276-283.

(50) Oyewusi J.A., **Saba, A.B.** and Oridupa, O.A. (2010): The Course of Trypanosomosis in Laboratory Rabbits Following Experimental Infection, Treatment and Re-infection: Haematological Study. *European Journal of Scientific Research*. ISSN 1450-216X Vol.42 No.3 (2010), pp.397-405.

(51) **Saba**, A.B and Oridupa, O. A (2010). Search for a novel antioxidant anti-inflammatory/analgesic or anti-proliferative drug: Cucurbitacins hold the ace. Journal of Medicinal Plant Research 4 (25): 2821-2826.

(52) Oridupa, O. A., **Saba**, A. B and Sulaiman, L. K (2011). Preliminary report on the antiviral activity of the ethanolic fruit extract of *Lagenaria breviflora* Roberts on Newcastle disease virus Tropical Veterinarian 29 (1): 22-33.

(53) Oyebanji, O. B and **Saba**, A.B (2011). Phytochemistry and *in vitro* anti-oxidant activities of *Stellaria media*, *Cajanus cajan* and *Tetracera potatoria* methanolic extracts. Journal of Medicinal Plants Research 5 (30): 6622-6627.

(54) **Saba, A.B**., Oguntoke, P.C., Oridupa, O.A. (2011). Anti-inflammatory and analgesic activities of ethanolic leaf extract of *Calotropis procera*. African Journal Biomedical Research. 14: 203 -208.

(55) Onasanwo, S, A., Singh, N, **Saba**, A. B, Oyagbemi, A. A., Oridupa, O.A and Palit, G (2011) Antiulcerogenic and *in vitro* antioxidant activities of *Lagenaria breviflora* whole fruit ethanolic extract in laboratory rats. Pharmacognosy Research 3 (1): 2-8.

(56) Onasanwo, S.A., Oyagbemi, A.A and **Saba** A. B. (2011). Anti-inflammatory and analgesic properties of the ethanolic extract of *Cnidoscolus aconitifolius* in rats and mice. Journal of Basic Clinical Physiology and Pharmacology 22 (1-2): 37–41.

(57) Onasanwo SA, **Saba** AB, Oridupa OA, Oyagbemi AA and Owoyele BV (2011). Anti- nociceptive and anti-inflammatory properties of the ethanolic extract of *Lagenaria breviflora* whole fruit in rat and mice. Nigerian. Journal. Physiological. Sciences. 26: 071 – 076.

(58) **Saba A.B**., Olatoye I.O., Oridupa O.A., Odiaka C. (2012). Antibiotic resistance in *Salmonella sp* and *Escherichia coli* isolated from poultry in Ibadan, Nigeria. Tropical Veterinarian 30 (2): 55-64.

(59) **Saba, A.B**., Olatoye, I.O., Oridupa, O.A. (2012). Spectrophotometric analysis of oxytetracycline brands available over-the-counter for veterinary use in South Western Nigeria. Nigerian Veterinary Journal 33 (3): 523-530.

(60) Onakoya, O.M and **Saba, A.B** (2012). Bacterial resistance to the tetracyclines and anti-microbial therapeutics: A review. Tropical Veterinarian 30(1): 1-16.

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(61) **Saba,** A.B.and Oridupa, O.A. (2012). Pharmacological reactivity of isolated guinea pig ileum to ethanol leaf extracts of *Amaranthus caudatus* and *Solanum melongena*. Nigerian Journal of Physiological Sciences 27 (1): 73-78

(62) Oyebanji, B.O., **Saba, A. B**., Oridupa, O.A. 2012. Anti-inflammatory and analgesic effects of methanolic extract of *Stellaria media* (L.) Vill leaf. African Journal of Biomedical Research 15: 29 – 34.

(63) **Saba**, A. B., Onakoya, O.M and Oyagbemi, A.A (2012). Hepatoprotective and *in vivo* antioxidant activities of ethanolic extract of whole fruit of *Lagenaria breviflora*. Journal of Basic Clinical Physiology and Pharmacology 23 (1): 27–32

(64) Oridupa, O.A, **Saba** A.B, (2012). Relative anti-inflammatory and analgesic activities of the whole fruit, fruit bark, pulp and seed of *Lagenaria breviflora* Roberty. Journal of Pharmacology and Toxicology 7(6): 288-297.

(65) Ogunmefun O.T., Fasola T. R., **Saba**, A. B., Oridupa O.A (2013). The ethnobotanical, phytochemical and mineral analyses of *Phragmanthera incana* (Klotzsch), A species of mistletoe growing on three plant hosts in South-Western Nigeria. International Journal of Biomedical Science 9(1): 33-40.

(66) Oridupa, O A., **Saba, A. B.**, Adesanwo, J.K and Oyebanji, B. O (2013). Anti-inflammatory and analgesic activity of a cucurbitacin isolated from *Lagenaria breviflora* Roberty fruit. African Journal of Medicine and Medical Sciences 42 (3): 223-230.

(67) Oyebanji B.O., **Saba** A.B and Oridupa O.A (2013). Antinociceptive and Anti-Inflammatory Activities of Methanol Root Extract of *Tetracera potatoria*. African Journal of Biomedical Research 16; 199 – 204.

(68) Oridupa, O.A and **Saba A.B.** (2013). Relaxant effect of *Lagenaria breviflora* Roberty fruit pulp and seeds on isolated rabbit ileum. Sokoto Journal of Veterinary Sciences 11 (2):21-27.

(69) Ogunmefun, O.T, Fasola, T.R., **Saba, A.B.**, Oridupa, O.A., 2013. The Toxicity evaluation of *Phragmanthera incana* (Klotzsch) growing on two plant hosts and its effect on Wistar rats' haematology and serum biochemistry. Academic Journal of Plant Sciences 6 (2): 92-98.

(70) **Saba A.B.**, Rahman S. A., Oridupa O.A**.,** 2013. Antidiabetic and hypolipidemic effects of *Moringa oleifera* ethanolic leaf extract on experimentally-induced diabetes in wistar rats. Journal of Natural Science, Engineering and Technology 11 (2):32-41.

(71) Oyewusi, A. J and **Saba, A. B** (2013). Biochemical response of rabbits following experimental *trypanosoma brucei brucei* infection, treatment and re-infection. Sokoto Journal of Veterinary Sciences 11(2): 36-42.

(72) Oyebanji, B.O., **Saba, A.B.**, Oridupa, O.A. (2014). Studies on the anti-inflammatory and analgesic activities of betulinic acid derived from *Tetracera*

potatoria. African Journal of Complementary and Alternative Medicine 11(1): 30-33.

(73) Oyagbemi AA, Omobowale TO, Akinrinde AS, **Saba** AB, Ogunpolu BS, Daramola O, (2014). Lack of reversal of oxidative damage in renal tissues of lead acetate-treated rats. Environmental Toxicology 04/2014; DOI:10.1002/tox.21994.

(74) Omobowale TO, Oyagbemi AA, Akinrinde AS, **Saba AB**, Daramola OT, Ogunpolu BS, Olopade JO, (2014). Failure of recovery from lead induced hepatoxicity and disruption of erythrocyte antioxidant defence system in Wistar rats Environmental Toxicology and Pharmacology 37(3):1202-1211.).

(75) Adesanya, O.A., Arowolo, O.O., **Saba, A.B.,** Olukunle, J.O and Arowolo, R.O.A (2014). A commonly used herbal drugs commonly used in Veterinary practice in southwest Nigeria. Planta Medica 80(16):2080

(76) Oyagbemi, A A., Omobowale, T O; **Saba**, **A.B**; Olowu, E.R, Dada, R.O and Akinrinde, A.S (2016) Gallic Acid Ameliorates Cyclophosphamide-Induced Neurotoxicity in Wistar Rats Through Free Radical Scavenging Activity and Improvement in Antioxidant Defense System, Journal of Dietary Supplements, 13:4,402-419, DOI: 10.3109/19390211.2015.1103827.

(77) Oyewusi J. A., **Saba, A.B.**, Olunkunle, J.O. (2015). Phytochemical, elemental and acute toxic effects of methanol extract of onion (*allium cepa*) bulbs in wista albino rats experimentaly pre-exposed and rested for a week.*Vom Journal of Veterinary Science.* 10: 65 – 74.

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(79) Oyagbemi AA, Omobowale TO, **Saba,** AB., Adedara IA, Olowu ER, Akinrinde AS, Dada RO (2015). Gallic acid protects against cyclophosphamide-induced toxicity in testis and epididymis of rats. Andrologia. 48: 393-401

(80) Ogunmefun, O.T; Fasola,T.R; **Saba**, A.B and Akinyemi, A.J (2015). Inhibitory effect of *Phragmanthera incana* (Schum) harvested from Cocoa (*Theobroma cocao*) and kola nut (*Cola nitida*) trees on iron (II) induced lipid oxidative stress in some rat tissues-*in-vitro*. International Journal of Biomedical Science 11 (1): 16-22.

(81) Ogunmefun, O.T; Ekundayo, E.A; Ogunnusi, T. A; Olowoyeye, A.H; Fasola, T.R and **Saba**, A.B (2015). Antimicrobial activities of *Phragmanthera incana* (Schum) Balle, a mistletoe species harvested from two host plants against selected pathogenic microbes. Annual Research and Review in Biology 8 (3): 1-10.

(82) Oyagbemi AA, Omobowale OT, Asenuga ER, Akinleye AS, Ogunsanwo RO, **Saba** AB (2016). Cyclophosphamide-induced hepatotoxicity in wistar rats: The modulatory role of gallic acid as a hepatoprotective and chemopreventive phytochemical. International Journal Preventive Medicine 7:52.

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