

CURRICULUM VITAE

Personal Data:

Name: Osman Saad Ali Mohamed.

Date of Birth : 27/11/1958.

Nationality : Sudanese.

Religion : Muslim,

Marital Status: Married with five children.

Present Address: College of Graduate Studies, Sudan University for Science and Technology, P.O.Box: 407, Khartoum, Sudan.

Fax : 0024983783891 Mobile 0912137245.

Education :

Kober Primary School (1964-1968).

EIAhlia Khartoum North Intermediate School (1969-1973).

Khartoum North Higher Secondary School (1974-1977).

University of Khartoum (1977-1982).

Qualifications:

Sudan Higher Secondary School Certificate, 1977.

Bachelor of Veterinary Science, (B.V.Sc.) 1982

Ph.D. (University of Khartoum), 1988.

Molecular Biology Techniques in Research and Diagnosis of Infectious Diseases Certificate. 21-28 February 1998. Institute of Endemic Diseases, University of Khartoum.

Certificate on Strategic Financial Management in Higher Education Institute .

1- April – 30-June 1999 (Unesco – Paris).

Certificate Workshop on Project/Resource Capacity Management in Contract R&D.Damascus, Syria, 27.11 – 1.12. 1999 (Unesco - Cairo) .

Title of Ph.D. Thesis:

Studies on the Toxicity of Certain Pesticides with Emphasis on the Interaction of Factors.

Supervisors :

Late Professor S.E.I Adam

Department of Medicine, Pharmacology & Toxicology, Faculty of Veterinary Science, University of Khartoum,Sudan .

Late Dr. M.A. Karrar

Department of Pharmacology, Faculty of Pharmacy, University of Khartoum, Sudan.

Professional Experience :

Veterinary Officer, Ministry of Agriculture, Natural Resources and Animal Wealth, Wad Medani, October, 1982 - April, 1983.

Meat Inspector, Omdurman Abattoir, April, 1983- June, 1984.

Senior Veterinary Officer, Khartoum North Veterinary Clinic Services, June, 1984-March, 1989.

Researcher, Department of Avian Pathology and Diagnosis, Veterinary , Research Administration, March, 1989-November, 1993.

Assistant Professor, Department of Clinical Studies, College of Veterinary Medicine and Animal Production, Sudan University for Science and Technology.

Associate Professor: December, 1994.

Full Professor : January 1998

Administrative Experience:

* Dean of the College of Veterinary Medicine and Animal Production, Sudan University for Science and Technology, 1994 – 2002. Established appropriate syllabi for undergraduate students at the College of Veterinary Medicine & Animal Production.

Introduced a post-graduate Master degree by courses in Epidemiology and Master degree by courses in Veterinary Surgery and Master degree by courses in Animal Production in the Tropics. In addition Higher diploma by courses in Meat Science Technology and Higher diploma in Livestock Management and Technology in the Tropics .

A two-year diploma in Fish Science and Technology, College, of Technology and Human Development, Sudan University for Science and Technology.

* Improved the health status and production of herd and of poultry at the college farm.

* Cooperated with University of Bahr El Gazal Authority on different aspects of academic affairs and with officials in this University and other academic institutions in the country.

* Attended and participated in all meetings of Deans committee and other activities in the University.

* Exerted efforts to appoint members of academic staff when necessary.

* Acted as editor in Sudan Journal of Veterinary Science and Animal Husbandry 1990 and editor in chief in the same Journal, 1996 - 2004.

* Acted as editor in Journal of Science and Technology 2000 and editor – in chief of the same Journal, 2003- present time.

* Dean of the College of Technology & Human Development , Sudan University for Science and Technology 2002 – 2006.

* Dean of the College of Graduate Studies ,

Sudan University for Science and Technology January 2007 - till now.

Teaching Experience

1-Undergraduate :

Teaching of students in College of Veterinary & Animal Production, Sudan University of Science and Technology, on Reproductive Physiology, Principles of Clinical Studies, Immuno Pathology, Toxicology and Forensic Medicine.

Part-Time teaching of students in Faculty of Veterinary Science, University, of Khartoum, and Faculty of Veterinary Medicine, , University of Bahr El Gazal on Forensic Medicine and Toxicology with particular emphasis on Pesticides, Inorganic and Organic Materials Toxicity, Poisonous and Medicinal Plants.

2-Postgraduate:

Teaching Public Health for Master Degree by course of Livestock Management and Production, Faculty of Agricultural Studies, Omdurman Islamic University.

Teaching Nutritional and Industrial Toxicology for higher Diploma by course of Livestock Management Technology in the Tropics and Higher Diploma by course of Meat Science Technology, Sudan University of Science and Technology.

Supervision of Post-graduate Students (University of Khartoum):

I have acted as supervisor or co- supervisor for the following students:

1- Hanan Benyamin Nakhla (M. Pharm. awarded in 1990).

Title of thesis:

A study on medicinal plants containing saponins.

2- Khalid Mohamed Mohamedain (M.V.Sc. awarded in 1991).

Title of thesis:

Effects of various levels of dietary *Solenostemma argel* (Hargel),

Tamarindus indica (Aradaib), and *Azadirachta indica* (Neem Tree) on

Brown Hisex chicks.

3- Aisha Babiker Mohamed (M.V.Sc. awarded in 1992).

Title of thesis:

Effects of various levels of dietary *Lupinus termis* and *Cucurbita maxima* on chicks.

4- Ishraga Sayed Abdel Hafiz, (M.V.Sc awarded in 1994).

Title of thesis:

Anticestodal activity of Tapinex, Praziquantel and Albendazole in chicks.

5- Ahmed Awad El Gamal (Ph.D. Pharm awarded in 1995).

Title of thesis:

Phytochemistry, pharmacology and toxicology of *Argemone mexicana*.

6- Wafa Ali Obied (MSc. Pharm. awarded in 1995).

Title of thesis:

Phytochemical and toxicological effects of *Prosopis chilensis* and *Portulaca oleracea* on Nubian goats.

7- Warda Shukart Allah (Ph.D.Vet.Sc. awarded in 1995).

Title of thesis:

Goitrogenicity of millet in Nubian goats.

8- Mohamed Walid Islim (M.V.Se. awarded in 1996).

Title of thesis:

Anticestodal activity of Cophertan, Febental and Albendazole in chicks.

9 - Sakina M. A. Yagi (Ph.D Sc. awarded in 1997).

Title of thesis: Phytochemical and toxicological studies of some medicinal plants.

10- Sahar M. A. Nassar (M.V.Sc awarded 1998).

Title of thesis:

The Toxicity of Coumpos and Diazinon on Nubian goats.

11. Ahmed Mohamed El Sadig (PhD Pharm awarded in 1998).

The efficacy and toxicity of new synthesized anthilmentic compounds.

12. Yahia Ali Fadl (PhD. Sc. awarded in 1996)

Title of thesis:

Toxicity of some fungicides on Nubian goats.

Sudan University for Science and Technology.

1- Nassir Sa1im El Hamali (M.Sc. awarded in 1997).

Title of thesis: A new diluent for semen preservation.

2. Awatif Mohamed Elhassan (M.V.Sc. 2004).

Title of thesis:

Kirschner intramedullary pinning for femoral fractures in Nubian goats .

3. Ahmed Gamal Ahmed (PhD. awarded in 2003).

Title of thesis:

Livestock raising constraints in Northern Sudan.

4. Rabab Ibrahim Abdelrahman (Higher Diploma in Meat Science , awarded in 2001).

Title of thesis:

Some normal haematological values of Sudanese Baladi rabbits

5. Awad Yousif Mohamed (Higher Diploma in Meat Science , awarded in 2001).

Normal values of some serum chemistry parameters of Sudanese Baladi rabbits .

6. Fairoz Mohamed Yousif (PhD. awarded in 2006).

Title of thesis:

Toxicity and efficacy of some trypanocidal drugs and their interaction on Nubian goats .

7. Maria Elrayeh Osman Musa (M.Sc awarded in 2007).

Title of thesis:

Effect of Low Level Laser Therapy on Wound Healing in Nubian Goats .

8. Amani Bushra Mohamed (Ph.D Awarded in 2008)

Title of thesis:

Toxicity of some new pesticides and their interactions on Nubian goats & camels.

'Memberships:

1- Member of the Sudan Veterinary Association.

2- Member of the Association of the Sudan University for Science and Technology.

3- Member of the Association of Veterinary Teachers and Research Workers in Arab Countries.

4- Member of Islamic Universities Association.

5- Member of the Veterinary European and Arab Association.

6- Member of the Arab Universities Association.

7- Member of the African Universities Association.

Extra Curricular Activities:

1. President of Kobar Cultural Club, 1985 -1987; 1995- present time.

2. Secretary of Kobar Ecology Conservation Unit.

3. Financial secretary of Rehabilitation Committee of Mosques in Kobar.

4. Member of Agriculture Planning Committee, Minister Office, of Agriculture and Animal Wealth, Khartoum Province.

Publications:

1. Mohamed O.S.A, El Dirdiri, N.I. and Adam, S. E. I. (1989). Toxicity of Reldan in Nubian goats. *Veterinary and Human Toxicology*, 31, 50.
2. Mohamed, O.S.A., and Adam S.E.I. (1990). Toxicity of Sumicidin in Nubian goats. *Journal of Comparative Pathology*, 102, 1.
3. Mohamed O.S.A, and Adam, S.E.I. (1990). Toxicity of Temik in Nubian goats, *British Veterinary Journal*, 146, 358.
4. Mohamed, O. S. A. Adam, S.E.I. and El Dirdiri, N.I. (1990). The combined effect of Dursban and Reldan on Nubian goats. *Veterinary and Human Toxicology*, 32, 47.
5. Mohamed, O.S.A., and Adam, S.E.1. (1990). The effect of Sumicidin and Temik and their mixture on Nubian goats. *Veterinary and Human Toxicology*, 32, 464.
6. Mohamed, O.S.A., El Dirdiri, N.I., Karrar, M.A. and Adam, S.E.I. (1990). Toxicity of Chloropyrifos in Nubian goats. *Revue d' Elevage et de Medecine Veterinaire des Pays Tropicaux*. 43, 431.
7. Nakhla, H. B. Mohamed, O.S.A. Abu El Futuh, 1. and Adam, S.E.1. (1991). The effect of *Trigonella foenugraecum* (Fenugreek) crude saponin on Hisex-type chicks. *Veterinary and Human Toxicology*, 33, 561.
8. Mohamed, O.S.A and Adam, S.E.I. (1992). Effect of phenobarbitone pretreatment on the toxicity of Temik and Sumicidin in Nubian goats. *Veterinary and Human Toxicology* 34, 138.
9. Nakhla, H. B. Mohamed, O.S.A. Abu El Futuh, I.and Adam, S.E.I.(1992). Effects on chicks of *Balanites aegyptiaca* kernel saponin given by different routes of administration. *Veterinary and Human Toxicology* 34, 224.
10. Ahmed, K. E. and Mohamed, O.S.A. (1993). Cypermethrin toxicity in Desert sheep. *Sudan Journal of Veterinary Science and Animal Husbandry*, 32, 43.
11. Mohamed, O.S.A, Ahmed, K.E., Adam S.E.I. and O. F. Idris (1994). Experimental Metolachlor toxicosis in Nubian goats in the Sudan. *Revue d' Elevage et de Medecine Veterinaire des Pays Tropicaux*, 47, 315.
12. Mohamed, O.S.A. and Hussein, S. (1994). Evaluation of Ivermectin (Ivomec) toxicity in Desert sheep. *Sudan Journal of Veterinary Science and Animal Husbandry*, 33, 110.
13. Mohamed, O.S.A., Ahmed, K. E. Adam, S.E.I. and O. F. Idris (1995).

Toxicity of Cotoran (Fluometuron) in Desert sheep. *Veterinary and Human Toxicology*, 35, 301.

14. Mohamed, O.S.A., Adam, S.E.I. and El Safi A.(1995). Effect of phenobarbitone pretreatment on the toxicity of Halothane and Dursban in Nubian goats. *Sudan Journal of Veterinary Science and Animal Husbandry*, 34, 64.
15. Islim, M.W., Mohamed O. S. A. and Amin, A. E. (1995). Efficacy of Albendazole and Rintal (Febantel) against experimental infection of *Raillietina tetragona* in broiler chicks. *Sudan Journal of Veterinary Science and Animal Husbandry*, 34, 131.
16. Mohamedain, K.M., Mohamed, O.S.A., El Badwi, S.M.A. and Adam, S.E.I. (1996). Effect of feeding *Tamarindus indica* ripe fruit in Brown Hisex chicks. *Phytotherapy Research*, 10, 631.
17. Salih, M.M.A and Mohamed, O.S.A, (1996). Case report: Fenitrothion - poisoning in chickens: Accidental exposure and treatment with atropine sulphate. *The Sudan Journal of Veterinary Science and Animal Husbandry*, 35: 159.
18. Sahar M.A. Nassar, M.E.S. Barri, O.S.A. Mohamed, K.E Siddig and E.B. abdel Salam (1997). Toxicity of Coumapho's in Nubian goats. *The Sudan J.Vet. Sc. Anim. Hub* 36(1,2)115
19. Sahar M.A. Nassar, Siddig K.E., Barri M.E., Abdel Salam E.B. and O.S.A.Mohamed. (1998). Toxicity of Diazinon in Nubian goats. *The Sudan J.Vet. Sc. Anim Hub* 37(1,2), 76 .
20. Makawi S.A.,N.S.A. Hammali, O.S.A. Mohamed and B.A. Elsharief (1999). Comparison of laboratory and field results of Friesian semen processed with tris and whole milk diluent in sudan - *Albuhuth*, 8(1),162.
21. Sahar M.A. Nassar, A.A. Majid and O.S.A .Mohamed (2002). Combined toxicity of Coumophos and Diazinon on Nubian goats. *J. Sc. & Tech.* 3(1),1.
22. Ilham M. Osman , S.E.I.Adam and O.S.A. Mohamed (2002). Effect of Deltamethrin (dipping and feeding trials) in Bovans - type chicks. *J. Sc & Tech.*, 3(2) , 87 - 96.
23. Mohamedain K.M. , Heyam S.Ali, O.S.A. Mohamed and S.E.I. Adam (2000). Combined effect of dietary *Azadirachta indica*, *Tamarindus indica* or their mixture on Brown Hisex chicks, *Sudan. J.Vet. Sci. Anim. Hub*, 39(1,2), 18 -26.
24. Ishraga S.Abdel Hafiz, O.S.A.Mohamed and S.E.I.Adam.(2000). Efficacy of Albendazole and Praziquantel against experimental *Raillietina tetragona* infection in Lohmann –type chicks. *Sudan J.Vet. Sci. Anim Hub*. 39 (1,2),27 - 33.
25. Khalda E.A. and O.S.A. Mohamed (2002) . Experimental Propoxur poisoning in Nubian goats. *Sudan Journal of Basic Science (series B)*. 3,99 - 106 .
26. Mohamedain K.M.,Adam S.E.I and Mohamed O.S.A.(2002). *Azadirachta indica* bark toxicosis in male Brown Hisex chicks .*Sudan Journal of Basic Science (series B)*, 3, 89 -98.

27. Mohamed A.Y., A-Rahman R.I.A, Mohamed O.S.A and Ibrahim M.T. (2003). Normal haematological and serochemical values for male and female Baladi rabbits Sudan. *J.Sci& Tech.* 4: 41-46 .
28. Obied W.A., Mohamoud E.N. and Mohamed O.S.A (2003) *Portulaca oleracea* (Purslane): nutritive composition and clinico - pathological effects on Nubian goats. *Small Ruminant Research*, 48 : 31 - 36 .
29. Ahmed E.M. Saeed, Babiker Mohamed Ahmed, Elfatih Idris Abdelkarim, Kamal Eldin Eltayeb Ibrahim, Ishraga S.Abdel Hafiz, Osman Saad Ali Mohamed (2004). Anti cestodal activity of some derivatives of the open lactam form of praziquantel (Nacyl /Coo-alkyl) in chickens .*J.Cs. Technology* 5(1), 52 – 64 .
30. A.AElgamal. S.A.Khalid and O.S.A. Mohamed (2004). Toxicity of *Argemone mexicana* seeds in Nubian goats. *The Sud.J.Vet.Sci Anim. Husb.* (43), 132 – 138 .
31. K.A.Mohamed , O.S.A.Mohamed and A.E.Amin (2004). Determination of dietary cassava root meal toxicity in broiler chicks .*The Sud.J.Vet.Sci.Anim.Husb.* (43): 208 – 216.
32. A.E.M.Saeed, B.M.Ahmed , E.I. Abdelkarim, K.E.E.Ibrahim , O.S.A. Mohamed. (2005). New anticestodal drugs : Efficacy, toxicity and structure relationship of the open lactam form of praziquantel (N- sulphanyl amido/ Coo-Alkyl).*J.Sci.Technol.* (6):109 – 119 .
33. Amna M.Fragalla, Mohamed T.Ibrahim, Omer A. Suleiman , Zuheir N. Mahmoud and O.S.A. Mohamed. (2005). Some haematological and sero biochemical values for captive *Gazella dorcus* .*J.Sci. Technol* (6):120 – 125 .
34. Nahid H. Sid Ahmed, Mohamed T.: Ibrahim¹, Zuheir N. Mahmoud and Osman S. Ali. (2006). Normal concentrations of some blood constituents in ostrich (*Struthio camelus*) *J.Sci. Technol.* 7(1):14
35. M.E.M.S .Awatif, O.S.Ali and H.M.Shnain (2006). Kirschner Intramedullary Pining for Femoral Fractures in Caprine .*Surgery Journal* vol.1(2-4) ; 74-76.
36. A.A.Elgamal , O.S.A.Mohamed and S.A.Khalid. (2008). Toxicity of *Argemone mexicana* seed , seed Oil and their extracts on Albino rats. *J.Sci. Technol.* 8(1):97-104
37. F.M.Youssif, T.Hassan and O.S.A.Mohammed (2008) .Efficacy and Toxicity of Cymelarsan ® in Nubian Goats Infected with Trypanosoma Evansi. *Journal of Cell and Animal Biology*.Vol,2(7),pp-140-151.
38. F.M.Youssif, T.Hassan and O.S.A.Mohammed (2008) .Residues of Cymelarsan ® in Camels (*Camelus dromedaries*) and Nubian Goats Infected with *T.evansi* in Sudan. *African Journal of Food Science* . (2) pp.092-097.
39. A.M.Ahmed, O.S.A.Mohamed,S.E.M.Barakat,M.A.Al-Nazawi and A.M.Homeida(2008). Effect of perinatal amphetamine administration on behavior and amine concentration in brains of rat pups. *Research Journal of Pharmacology*.2(4): 43- 46.

40. Randa A.B., Shadia A. Omer and O.S.Ali (2008). Renal function over three 8 – hour periods in healthy Sudanese Nubian goats. Assiut Vet. Med. J. 45 (119) : 262 -270.
41. A.E.M.Saeed,E.I.Abdelkarim, B.M.Ahmed, K.E.Ibrahim.I.S.A.Hafiz, M.I.Suliman and O.S.A.Mohammed. (2009). Anticestodoal Activity and Toxicity of Some Praziquantel Analogues. Journal of Cell and Animal Biology. Vol.3(9). pp. 165-170.
42. F.M .Youssif, O.S.A. Mohamed ,A.A.Gameel. T.Hassan (2010) .EFFicacy and toxicity of homidium bromide (ethidium) in goats infected with *T. vivax*.Small Ruminant Research, 89 36- 41.

Seminars, Conferences and Symposia:

I attended and/or participated in the following:

- * First Scientific Congress: Scientific Research on Bases of Development in Sudan. National Research Centre (1993) , Khartoum, Sudan.
- * Second Scientific Congress: Natural Resources and Environmental Balance Preservation for Sudan Development. National Research Centre (1995), Khartoum, Sudan.
- * Fifth Veterinary Arab Congress: Khartoum, Sudan, (1990).
- * .Eighth Veterinary Arab Congress: Khartoum, Sudan, (1998).
- * Third Scientific Congress: Energy and Development. National Research Centre (1997), Khartoum, Sudan.
- * Third Scientific Congress: Ruminant Diseases Symposium Al- Baath University, Hamah, Syria - 1995.
- * Fifth Professional Scientific Congress: Bagdad, Iraq (1997).
- * Third Scientific Congress: Irbid, Jordan, 1998.

Referees:

- 1- Professor Ez Eldin Mohamed Osman,
President of Sudan University for Science and Technology (formerly), B.O- Box (407), Khartoum, Sudan.
- 2- Professor M. El Nasri,
Department of Preventive Medicine, and Veterinary Public Health, Faculty of Veterinary Science, University of Khartoum, P.o.. Box (32) Khartoum North, Sudan.

3- Professor S. M. Salih,

Dean, Institute of Laser Technology, Sudan University of Science and Technology,

P.O Box (407), Khartoum, Sudan.

4- Professor Ahmed Eltyeb Ahmed-

President- Sudan University of Science And Technology

