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BSc, MSc (Agricultural Biochemistry & Nutrition, University of Ibadan, Nigeria)

PhD (Animal Science, University of Ibadan, Nigeria)

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RESEARCH FOCUS

Poultry and Swine Nutrition & Feed Evaluation

Amino acid and phosphorus digestibility in poultry and swine

Improvement of agro by-products through fungal biodegradation

Utilization of lesser known legumes as protein sources for poultry

Endogenous losses of Nitrogen and phosphorus in poultry

WORK EXPERIENCE

International

April 1993 to March 1994	Postdoctoral Fellow, International Livestock Research Institute (ILRI), IITA Ibadan, Nigeria
Oct 1990 to March 1993	Programme Leader/Senior Lecturer in Nutritional Biochemistry Egerton University, Njoro, Kenya
1992-1993	Part-time Lecturer, Moi University, Eldoret, Kenya
2002-2003	External Examiner, College of Agriculture, University of Sierra Leone, Njala

National

1986 to 1988	Consultant, TECHNOVISOR Consultancy, Ibadan, Nigeria
1988 to 1990	Research Fellow, Institute of Agricultural Research & Training University of Science & Technology, Port Harcourt, Nigeria
1995-1998:	Deputy Editor-in-Chief, Tropical Journal of Animal Science
1999-2003:	Editor-in-Chief, Tropical Journal of Animal Science

2007 to date:	Member, Council of the Nigerian Institute of Animal Science, NIAS (for the Animal Biotechnology Discipline)
July 1997 to Oct 1999:	Project Co-coordinator, World Bank Assisted National Agricultural Research Project (NARP)
2006 to date:	External Examiner, BOWEN University, Iwo, Osun State, Nigeria
2008 to date:	External Assessor to 1) Obafemi Awolowo University, Ile-Ife, Nigeria; 2) University of Benin, Nigeria; 3) Babcock University, Ilusan, Nigeria; 4) Ambrose Alli University, Ekpoma, Nigeria.

University

Oct 1993 to Oct 2002:	Lecturer in Animal Science, Department of Animal Science, University of Ibadan.
1997-1999:	Departmental Representative, Practical year Training Programme, Faculty of Agriculture & Forestry, University of Ibadan.
1998-1999:	Chairman, Practical year Training Programme (PYTP), Faculty of Agriculture & Forestry, University of Ibadan
Oct 2002 to date:	Professor of Animal Nutrition, Department of Animal Science, University of Ibadan.
Oct 2002 to date:	Member of Senate, University of Ibadan, Nigeria.
May 2006 to May 2010:	Head, Department of Animal Science, University of Ibadan, Nigeria.

Research Fellowships

July 2008 to Dec 2010	Visiting Scientist (Research Participant Agreement), Agriculture and Agri-Food Canada, Lethbridge Research Station, AB Canada
Oct to Nov 2007	Alexander von Humboldt Visiting Scientist, Institute of Animal Science, University of Bonn, Germany
Oct 2003 to Sept 2005	Alexander von Humboldt Research Scientist, Institute of Nutritional Science & Animal Nutrition, Universität Halle, Germany
Feb to Aug, 1999	The Royal Society of Britain Visiting Research Scientist, The Department of Plant and Animal Science, University of Sheffield, Sheffield, UK.
January to April, 1993	DAAD Research Scientist, Institute of Livestock Ecology, Justus-Liebig University, Giessen, Germany.

Merits and Awards

2006

Alexander von Humboldt Research Award

- For studies on ileal digestibility of protein and amino acids in pigs

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| October 2006 | Deutscher Tropentag Award <ul style="list-style-type: none"> For the most excellent poster presented at the Deutscher Tropentag International Conference, Berlin, October 9-11, 2006. |
| 2003 | The 2003 Neville Clarke International Award <ul style="list-style-type: none"> By the International Livestock Research Institute, ILRI, for outstanding team work in the development of sustainable crop-livestock production and natural resource management systems. A partnership programme to enhance the livelihoods of crop-livestock farmers in West Africa. |
| 2000 | The Austrian Ministry of Science & Technology Award <ul style="list-style-type: none"> To attend session 380 of the Salzburg Seminar and part of a working group on Biotechnology: Policy Issues and Regulatory Framework, Salzburg, Austria. |
| 1992 | Israeli Government Mashav Award, <ul style="list-style-type: none"> To attend a training course on Farm Animal Production and Management, Rehovot, Israel. |
| 1991 | Heifer Project International Sponsorship Award, . <ul style="list-style-type: none"> To attend a workshop on Livestock in Development in Maryland, USA. |

PUBLICATIONS

Chapters in Books

- Iyayi, E.A.** (2003). Livestock Production the Tropics. In. Agriculture, Renewable Natural Resources, Animal Husbandry & Health (Ed. Ologhobo, A.D.)
- Iyayi, E.A.** (2000). Alleviating poverty through improved livestock production and marketing in Nigeria. In: Agriculture and Poverty (Okumadewa, F.Ed),Pp 47-60.
- Iyayi, E. A.** and O.O.Tewe (1989). Cyanogenic Glycosides. In: Toxicants of Plant Origin (Cheeke, P.R., Ed.), CRC Press, Florida, USA, Vol 2, Chapter 2, Pp 43-60.

Books / Conference Proceedings co-edited

- Tewe, O.O., **E.A. Iyayi**, J.A. Oluyemi, M.K. Adewumi and O.A. Abu (1999). Animal Science at the University of Ibadan: The Way Forward (Tewe, Iyayi,Oluyemi, Adewumi & Abu, Eds), De-Ayo Publishers, Ibadan, Nigeria.
- Ologhobo, A.D., A.O.K. Adeseinwa, M.K. Adewumi, **E.A. Iyayi** and A.M. Bamgbose (1999) Sustainability of the Nigerian Livestock Industry (Eds). Proceedings of the 4th Annual Conference of the Animal Science Association of Nigeria (ASAN), T. Olabode Publishers, Ibadan, Nigeria.
- Ologhobo, A.D. and **E.A. Iyayi** (1998). The Nigerian Liestock Industry in the 21st century (Eds).. Proceedings of the 3rd Annual Conference of Animal Science Association of Nigeria, T. Olabode Publishers, Ibadan, Nigeria

4. Ologhobo, A.D., **E.A. Iyayi** and A.O.K. Adeseinwa (1997). Generating Demand for Livestock Products in a Depressed Economy (Eds),. Proceedings of the 2nd Annual Conference of Animal Science Association of Nigeria Gabson Press, Ibadan. Nigeria.

Scientific Publications

79. T.E. Lawal, **E.A. Iyayi**, B.A. Adeniyi and O.A. Adaramoye (2010). Extraction of Enzymes from Four Fungi and Their Use to Improve the Nutritive Value of Groundnut Pod for Broiler Feeding. *International Journal of Poultry Science* 9 (4): 340-346

78. M O Daodu, O J Babayemi and **E A Iyayi** (2009). Herd composition and management practices of

cattle production by pastoralists in Oyo area of Southwest Nigeria. *Livestock Research for Rural*

Development 21(5)<http://www.lrrd.org/lrrd21/5/cont2105.htm>.

77. Ofongo, S.T., Kehraus, S., **Iyayi, E.A.** and Südekum, K. H. 2009: Ileal crude protein digestibility, caecal crude protein retention and digesta viscosity in broilers fed enzyme supplemented rice husk. In: Proceedings of the British Society of Animal Science (BSAS) March 31 – April 1 2009 Southport, UK. Pp 225.

76. Ofongo, S.T., Kehraus, S., **Iyayi, E.A.** and Südekum, K. H. 2008: Rice Mill Feed: an Agro-industrial By-product with Potential for Rural Development. In: Proceedings of Tropentag (Conference on International Research on Food Security, Natural Resources Management and Rural Development) University of Hohenheim, Stuttgart- Germany. 7th - 9th October, 2008.

75. Lawal, T.E., **E.A. Iyayi**, B.A. Adeniyi and O.A. Adaramoye (2008) Efficacy of enzyme extracts from fungi and a commercial feed enzyme for improving the nutritional value of palm kernel cake for broiler feeding. In Proceedings of the British Society of Animal Science Annual Conference, Southport, Southport Merseyside, UK, March 31-April 2, 2008.

74. **Iyayi, E.A.** (2008). Prospects and Challenges Of Unconventional Poultry Feedstuffs. *Nigerian Poultry Science Journal* 5 (4): 186 – 194.

73. **E. A. Iyayi**, H. Kluth and M. Rodehutschord (2008). Effect of heat treatment on antinutrients and precaecal crude protein digestibility in broilers of four tropical crop seeds. *International Journal of Food Science and Technology*, 43 (4), 610-616.

- 72. Iyayi, E.A.** H. Kluth and M. Rodehutsord (2007). Diversification in the Use of the Seeds of five Soil
Enriching Tropical Plants Used in Marginal Lands for Livestock Production. In: Utilisation of Diversity in Land Use Systems: Sustainable and Organic approaches to meet human needs (Ed. E. Tielkes). Proceedings of Tropentag 2007, October 9-11, 2007, University of Kassel, Centre for International Rural Development, Witzenhausen, Germany.
- 71. Iyayi, E.A.,** Kluth, H., Rodehutsord, M. (2007). Precaecal crude protein and amino acid digestibility
in the seeds of a tropical crop (*Manihot esculenta*, Crantz) in broilers. Proceedings of the British Society of Animal Science Annual Conference, Southport, Southport Merseyside, UK, 2-4 April, 2007.
- 70. Alalade, O.A., E. A. Iyayi** and **T.O. Alalade** (2007). The Nutritive Value of Azolla (*Azolla pinnata*)
Meal in Diets for Growing Pullets and Subsequent Effect on Laying Performance. *The Journal of Poultry Science*, 44 (3): 273-277.
- 69. Aderolu, A.Z., E.A.Iyayi** and A.A. Onilude (2007). Changes in the nutritional value of rice husk during
Trichoderma viride degradation. *Bulgarian Journal Animal Science*, 13 (5): 583-589.
- 68. Iyayi, E.A.,** T.Ososanya and O. Adeniyi. (2006). Utilisation of Velvet Bean (*Mucuna pruriens*) for
broiler production in Nigeria. In: Prosperity and poverty in a Globalised World- Challenges for Agricultural Research (Eds. F. Asch and M. Becker). Proceedings of Tropentag 2006, October 11-13, 2006, University of Bonn, Bonn, Germany.
- 67. Alalade, O.A. and E.A. Iyayi** (2006). Chemical composition and the feeding value of Azolla (*Azolla pinnata*) meal for egg-type chicks. *International Journal of Poultry Science* 5 (2): 137-141.
- 66. Iyayi, E.A.,** H. Kluth and M. Rodehutsord (2006). Precaecal crude protein digestibility, organs
relative weight and performance in broilers fed diets containing *Enterolobium cyclocarpum* and *Mucuna pruriens* seed flour in place of soybean meal. *Archiv für Geflügelkunde (European Poultry Science)* 70 (4): 161-167.
- 65. E.A. Iyayi,** H. Kluth and M. Rodehutsord (2006). Chemical composition, antinutritional constituents,
precaecal crude protein and amino acid digestibility in three unconventional tropical legumes in broilers. *Journal of Science of Food & Agriculture*, 86 (13), 2166-2171
- 64. E. A. Iyayi,** O. Ogunsola and R. Ijaya (2005). Effect of three sources of fibre and period of feeding on
the performance, carcass measures, organs relative weight and meat quality in broilers. *International Journal of Poultry Science*, 4 (9): 695-700
- 63. Iyayi, E.A.,** V.O.Taiwo and A.O. Fagbohun (2005) Performance, carcass characteristics, haematological and histopathological studies of broilers fed (*Mucuna utilis*) bean meal

based diets,

Israel Journal Veterinary Medicine, 60 (2): 51-58.

- 62. Iyayi, E.A.** and B.I. Davies (2005). Effect of supplementation of palm kernel meal and brewer's dried grain on the performance of broilers. *International Journal of Poultry Science*, 4 (2): 76-80.
- 61. Iyayi, E.A.** and F.K. Fayoyin (2005). Effect of feeding cassava fruit coat meal on the nutrient digestibility and performance of broilers. *Livestock Research for Rural Development*, Vol 17, Art. No. 9.
- 60. Iyayi, E.A.,** H. Kluth and M. Rodehutschord (2004). Preliminary studies on the prececal digestibility of amino acids in six selected unconventional tropical seeds. Proceedings of the 8th Annual Conference on Swine and Poultry Nutrition, 23-25 November, 2004, Lutherstadt Wittenberg, Germany.
- 59. Iyayi, E.A.** and F.K. Fayoyin (2004). Expanding Rural Poultry Production through the use of processed, low cost cassava fruit coat as alternative fibre source. In: Proceedings of the Deutscher Tropentag 2004, Rural Poverty Reduction through Research for Development and Transformation, October 5-7, 2004, Humboldt-Universität zu Berlin, Germany.
- 58. Iyayi, E.A.** and B.A. Adegboyega (2004) Supplementation of wheat bran and brewer's dried grain diets with Roxazyme G enzyme for broiler feeding. . In Proceedings of 2004 BSAS Annual Conference, University of York, York, UK, April 5-7. P137.
- 57. Iyayi, E.A.** and C. Ezeokeke (2004) Performance and carcass measures of broilers maintained on diets containing Biomin growth promoter. In Proceedings of 2004 BSAS Annual Conference, University of York, York, UK, April 5-7. P136.
- 56. Aderolu, A. Z., E.A. Iyayi ,** A.A. Onilude and I. Eniola (2004). Biodegraded rice husks in laying bird's diet: 1. Performance and egg quality parameters. *Livestock Research for Rural Development* 16 (1): Art. No. 94.
- 55. Iyayi, E.A.** and Z.A. Aderolu (2004) Enhancement of the feeding value of some agro-industrial by-products for laying hens after their solid state fermentation with *Trichoderma viride*. *Afri. J. Biotechnol*, 3 (3): 182-185.
- 54. Iyayi, E.A.** (2004) Changes in the cellulose, sugar and crude protein contents of agro-industrial by-products fermented with *Aspergillus niger*, *Aspergillus flavus* and *Penicillium sp.* *Afri. J. Biotechnol.* Vol 3 (3): 186-188.

53. **Iyayi, E.A., G.O.Tona and A.O.Fatoki (2004).** *Management practices among small holders of sheep, goats and pigs in the derived savannah zone in Oyo State, Nigeria.* Nig J. Anim. Prod., 31 (1): 86-93.
52. **Iyayi, E.A. and V.O. Taiwo (2002).** The effects of diets incorporating *Mucuna (Mucuna pruriens)* seed meal on the performance of laying hens and broilers. International Workshop on Increasing Mucuna's Potential as Food and Feed Crop. Workshop organized by Kari/CIEPCA-IITA/Rockefeller, Whitesands Hotel, Mombasa, Kenya, September 23-26, 2002.
51. **O. A. Abu, E. A. Iyayi and O. O. Tewe (2002).** Root and tuber crops in livestock feeding: Strategy for value addition in rural and peri-urban areas. In: Value Addition to Agricultural Products – Towards increase of farmers' income and Vitalization of Rural Economy. Proceedings of the 9th Japan International Research Center for Agricultural Sciences (JIRCAS), Epochal Center, Tsukuba, Ibaraki, Japan, October 16-17, 2002.
50. **Iyayi, E.A. (2002).** Effect of raw and processed *Mucuna (Mucuna pruriens)* seed meal on the performance and egg qualities of laying hens. In: Contributory Role of Animal Production in National Development. Proceedings of the 7th Annual Conference of the Animal Science Association of Nigeria, September 16-19, 2002, University of Agriculture, Abeokuta, Nigeria, Fanimu, A.O. and Olanite, J.A., eds)
49. **Iyayi, E.A. and V.O. Taiwo (2002).** The effects of diets incorporating *MUCUNA (Mucuna pruriens)* seed meal on the performance of laying hens and broilers. *Tropical & Subtropical Agroecosystems 1 (2002)*
48. **Iyayi, E.A. (2002).** Cost reduction Innovations for Production Efficiency of Commercial Layer Chicken (CLC) Farming in South West Nigeria, Training Workshop for Small-scale farmers, Abeokuta, Ogun State, Nigeria, 2-3 October, 2002
47. **Iyayi, E.A.(2002).** Enhancing Feed Quality through Enzyme Supplementation. 2002 Annual Poultry Seminar of the World Poultry Science Association (Nigeria Branch), Obasanjo Farms, Sango Otta, Nigeria, August 14, 2002.
46. **Iyayi, E.A. (2001).** Holistic Approach and Biotechnological Innovations: Panacea for Sustainable Agricultural Productivity in Nigeria. 2001 Faculty of Agriculture Lecture, University of Ibadan, Ibadan, Nigeria.
45. **Iyayi, E. A., R.J.Dosumu and Z. Aderolu (2001).** Utilization of three biodegraded agro-industrial by-products (AIBs) by layers. In: Proceedings of the British Society of Animal Science (BSAS), March 2001, Scarborough, UK.
44. **Iyayi, E.A., V.O.Okoruwa, O.J.Babayemi, A.A. Busari and O.F.Peters (2001).** Livestock production pattern of Agropastoralists in peri-urban centers of South West Nigeria. *Nig J. Anim. Prod.*30 (1): 87-92
43. **Iyayi, E.A. and O. M. Odueso (2002).** Response of some metabolic and biochemical indices in rabbits fed varying levels of dietary cyanide. *Afr. J. Biomed. Res.* 6 (1): 43-47.

- 42. Iyayi, E.A.** and A.Z. Aderolu (2001). Effect of fungal biodegradation on the physico-chemical properties of some high fibrous agro-industrial by-products. *Research Communication in Microbiology, Vol 1 (1): 25-31*
- 41. Iyayi, E.A.** and D.O.Okhankhuele (2002). Cassava leaf meal and exogenous enzyme as supplements in broiler finisher diets. *Tropical Veterinarian, 20 (3): 172-180*
- 40. Iyayi, E.A.,** Abu, O.A. and Afolabi, S. (2002). Changes in the carbohydrate and protein fractions of cassava and yam peels on solid state fermentation with *A. niger* and *Rhizopus spp.* *Research Communications in Microbiology, 1 (1): 32-39*
- 39. Ayuk, A., E.A. Iyayi** and B. I. Okon (2002). Proximate composition and tannin content of some multipurpose tree leaves. *Global J. Agric. Sci. 1 (2): 77-81.*
- 38. Iyayi, E.A.** (2002) Utilization of root waste in small-holder pig and small ruminant production systems in Nigeria. *Afr J Root & Tuber Crops 4 (2)*
- 37. Iyayi, E.A.** and D.O.Okhankhuele (2002). Response of Broiler starter chicks to diets supplemented with cassava leaf meal. *Tropical Veterinarian 20 (2): 68-74*
- 36. Ezeokeke, C.A.** and **E.A.Iyayi** (2001). Energy and protein requirements for growth of the local domestic fowl (*Gallus domestic*). *Trop J. Ani. Sci. 4 (2): 197-204.*
- 35. Oduguwa, O.O., A.O. Fanimu, E.A. Iyayi,** A.V. Jegede and A.O.K. Adeshinwa (2001). Nutritive value of malted sorghum sprout. *Trop J. Anim. Sci. 4(2): 205-211.*
- 34. Oduguwa, O.O., A.O. Fanimu, B.O. Oduguwa, E.A. Iyayi and A.I. Opatotun (2001).Effect of enzyme supplementation on the nutritive value of malted sorghum sprout in the rat. Trop J. Anim. Sci. 4 (2): 189-195**
- 33. Iyayi, E.A.** (2001). Cassava leaves as supplement for feeding weaner swine. *Trop Anim Prod. Invest.4:141-150*
- 32. Iyayi, E.A.** and Losel, D. M. (2001). Changes in the carbohydrate fractions of cassava by-products following fungal solid state fermentation, *J Food Tech. Afr, Vol 6 No 3: 101-103.*
- 31. Olubamiwa, O.O., O.I. Balogun-kuku, O.G. Longe, E.A. Iyayi** and J. A. Agunbiade (2001). Cocoa husk/cassava leaf inclusion in layers mash produced quality cheap feeds. *Tropicultura, 19 (3): 123-126.*

30. **Iyayi, E.A.**, Olubamiwa, O. Ayuk, A.A., Orowvegodo, S., and Ogunaike, E.F. (2001). Utilization of urea treated and untreated cocoa pod husk based diets by growing pigs: an on-farm study, *Tropicultura 19 (3): 101-104*.
29. **Iyayi, E.A.** and Losel, D.M. (2001). Protein enrichment of cassava by-products following solid state fermentation by fungi. *J Food Tech Afr. Vol 6 No 4: 116-118*.
28. **Iyayi, E.A.**, E.O. Dada and O.O.Fakunle (2000). Cassava leaves as protein supplement to basal diet for weaner pigs in sustainable swine production system in the tropics. Proceedings of the British Society of Animal Science, BSAS, March 2000, Scarborough, UK.
27. Arigbede, O.M., M.A. Bamikole, A.O. Akinsonyinu and **E.A. Iyayi** (2000). Voluntary intake, apparent digestibility and performance of West African dwarf goats fed with leaves of some multipurpose tree specie. *Trop J. Anim Sci. Vol 3 (2): 151-158*.
26. Olubamiwa, O., **E.A. Iyayi** and E.A. Ayodele (2000). Kola-pod husk as a partial substitution for maize in layers mash, *Trop. J. Anim. Sci. 3 (1): 63-68*.
25. **Iyayi, E.A.** and Losel, D. M. (2000). Cyanide detoxification in cassava by-products by fungal solid state fermentation. *Journal of Food Technology in Africa, 4 (2): 48-51*.
24. **Iyayi, E.A.** Uko, L.O., Okoruwa, V.O. and Raji, M.T. (1999). *Livestock Feed Optimisation Model (LFOM): A new tool based on Linear Programming for formulating least cost rations for poultry.* *Trop. J. Ani. Sci. 2 (1): 137-147*.
23. Okoruwa, V.O., Elijah, S., Busari, A.A. and **Iyayi, E.A.** (1999). Production dynamics and growth rates of livestock in the derived savannah of Oyo State, Nigeria, *Trop J. Anim Sci. 1 (2): 187-195*.
22. **Iyayi, E.A.** and B.A.Yahaya (1999) Performance of broilers maintained on diets supplemented with a commercial polysaccharidase enzyme in the humid tropics, *Trop. Anim. Prod. Invest. 2: 125-130*.
21. **Iyayi, E.A.** (1999). The Changing face of Biotechnology and its Implications for improved Agricultural Production in the tropics. Department of Animal Science Seminar series, September, 1999.
20. Abu, O.A., O.O. Tewe and **Iyayi, E.A.** (1998). Effects of feeding sweet potato tuber, leaves and vines supplemented with minerals on the performance of rabbits. In: Animal Agriculture in West Africa: The sustainability question: Proceedings of the 25th International Conference of the Nigerian Society for Animal Production, Abeokuta, Nigeria, March 21-26, 1998.

19. **Iyayi, E.A.** and B. A. Yahaya (1998) Performance of broiler finishers fed enzyme supplemented diets. In: Animal Agriculture in West Africa: The Sustainability Question. Proceedings of the 25th Anniversary International Conference of the Nigerian Society for Animal Production, Abeokuta, Nigeria, March 21-26, 1998.
18. **Iyayi, E.A.** and O.O. Tewe (1998). Performance of layers fed high fibre diets supplemented with Roxazyme enzyme. In: Foods, Land & Livelihoods: setting research agendas for Animal Science. Proceedings of the British Society of Animal Science, BSAS/KARI International Conference, Nairobi, Kenya, January 27-31, 1998.
17. Oduguwa, O.O., A.O. Fanimu, **E.A. Iyayi**, O.O. Kalejaye and O. A. Oyekale (1998). Preliminary studies on the effects of different processing methods on the nutritive value of shrimp waste meal.
Nig. J. Anim Prod, 25 (2): 139-144.
16. **Iyayi, E.A.** and J.I Egharevba (1998) Biochemical evaluation of seeds of an underutilized legume
(*Mucuna utilis*. *Nig J. Anim. Prod*, 25 (1): 40-45.
15. **Iyayi, E.A.** (1998) Dietary protein deficiency, cyanide of cassava and cholinergic responses in growing pigs. *J. Sci Eng Tech*, 5 (3): 1295-1302
14. **Iyayi, E.A.** and J. Steinbach (1997). A simulation model for determining energy requirement of growing pigs in temperate and tropical environments. In: Generating Demand for Livestock Products in a Depressed Economy. Proceedings of the 2nd Annual conference of the Animal Science Association of Nigeria (Ologhobo, Iyayi and Adesheinwa, Eds). Lagos, Nigeria, September 16-17, 1997.
13. **Iyayi, E.A.** and O.O. Tewe (1997). Effect of soaked and unsoaked palm kernel meal and cassava peel as supplements to basal diets on the performance and cost of feeding growing pigs. In: Generating Demand for Livestock Products in a depressed Economy. Proceedings of the 2nd Annual Conference of the Animal Science Association of Nigeria (Ologhobo, Iyayi and Adesheinwa, Eds), Lagos, Nigeria, September 16-17, 1997.
12. **Iyayi, E.A.** (1997) Serum protein, urea and creatinine levels as indices of quality of cassava diets in pigs. *Tropical Veterinarian*, 16: 59-67
12. **Iyayi, E.A.** and J. Steinbach (1997). Preliminary studies on simulation model for determining protein requirements of weaning and growing pigs in temperate and tropical environments. *Nig J. Anim. Prod*. 24 (1): 54-56.
11. **Iyayi, E.A.** (1996) Response of adrenal gland, plasma cortisol and glucose to *Trypanosoma congolense* infection in New Zealand white rabbits. *Tropical Veterinarian* 14: 31-38.

10. **Iyayi, E.A.** (1994) Supplemental effects of low and high cyanide cassava on the performance, nutrient digestibility and serum metabolites of growing pigs. *J. Agric Tropic & Subtrop.* 95: 197-205.
9. Ngodigha, E.M., B.T. Sese, O.S. Olaka and **E.A.Iyayi** (1994) Effect of brewer's dried grain on growth performance and plasma amino acids of young pigs. *J Appl. Anim Res.* 6: 97-104
8. **Iyayi, E.A.** and O.O. Tewe (1994) Cassava utilisation in smallholder livestock units. *Acta Horticultura* 375: 261-269.
7. **Iyayi, E. A.** (1993) Effect of cassava peel inclusion in the diets of growing pigs on their performance and protein requirement in the tropics. *E Afr. Agric For. J.* 58(1): 19-24.
6. **Iyayi, E.A.** (1993) An assessment of protein requirement of growing pigs fed cassava peel-based diets in the tropics. *Agronomie Africaine V (1)*: 53-59.
5. **Iyayi, E. A.** and O.O. Tewe (1992). Effect of protein deficiency on the utilization of cassava peels by growing pigs. In: Proceedings of the IITA/ILCA/University of Ibadan Workshop on the Potential Utilization of Cassava as Livestock Feed in Africa (Hahn, Reynolds and Egbunike, Eds), IITA, Ibadan. November 14-18, 1988, Pp 54-59.
4. **Iyayi, E.A.** (1991) Evaluation of cassava peels in the diets of growing pigs. *Nig J. Tech. Agric. Vol 3*: 65-70.
3. **Iyayi, E.A.** and E.M. Ngodigha (1991). Effects of cassava peel-based diets on the growth and organ weights of rabbits. *J.Appl Rabbit Res.* 14: 152-154.
2. **Iyayi, E.A.**(1991). Dietary cyanide effect on performance and serum testosterone of growing male pigs. *Beitrage zur Tropischen Landwirtschaft und Veterinarmedizin* 29 (1991) H.3: 247-252.
1. **Iyayi, E.A.** and O.O. Tewe (1991). Effect of cassava peel-based diets on serum oestradiol of female growing pigs. *Tropical Agriculture* 68 (3): 239.