

Curriculum Vitae



Personal Information	
Full Name	Ahmed Abdel Rahim Gameel Ahmed
Birth Date	22 January 1944
Birth Place	Atbara Town, River Nile State, Sudan
Specialization	Veterinary Pathology
Position	Professor
Address	Department of Pathology, Faculty of Veterinary Medicine, POBox32, Khartoum North (Shambat), Sudan.
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Department	Veterinary Pathology

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Qualification Information	
Bachelor	<p>B.V.Sc. U.of K., 1968</p> <p>Awarded University prizes in Physiology and Biochemistry, Microbiology, Pathology and Animal Husbandry and Licos Prize in Animal Husbandry.</p>
Masters	<p>M.V.Sc. U.of K., 1973</p> <p>Thesis: The haematology of sheep in the Sudan in relation to health and disease.</p>
Doctorat	<p>Ph.D. University of Wales, United Kingdom, 1979</p> <p>Thesis: Biochemical aspects of fascioliasis in domestic and experimental animals.</p> <hr/>
Others	<p>Dr. Med. Vet. University of Vienna, Austria, 1971</p> <p>Thesis: Investigation on the effect of high vitamin D doses in cattle,</p> <hr/> <p>Fellow, Royal Veterinary College, Uppsala, Sweden, 1982</p>
Expertise	Diagnostic Pathology (Necropsy; Histopathology)
Academic Information	
Teaching	<p>During my long carrier as teacher of Veterinary Pathology, I practically taught all aspects of the subject to the undergraduate as well as postgraduate students (in Sudan and abroad), including:</p> <p>General Pathology, Systemic Pathology, Clinical Pathology, Poultry Pathology, Diagnostic pathology (necropsy and histopathology), Animal diseases of various etiologies with emphasis on pathogenesis, and zoonotic diseases. Special topics on oncology, research methodology and other advanced pathology courses are offered to postgraduates</p>

Supervision	<p>Master Degree (Supervisor/ co=supervisor *)</p> <ul style="list-style-type: none"> • Hagga Abd el Gadir Abd Alla . Studies on the naturally occurring and experimental ovine fascioliasis in the Sudan. M.V.Sc., 1983, U of K. • Ahmed Abd Alla EL Sanhoury. Studies on the pathology and development of resistance to <i>F. gigantica</i> in goats. M.V.Sc. 1983, U. of K. * • Ahmed Al Sawi . Epidimiological studies on bovine fascioliasis in the White Nile Province, M.V.Sc. 1983, U. of K.* • Yousif Abd El Razig . Studies on the epidimiology of bovine fascioliasis in Darfur Region, M.V.Sc. 1983U. of K.,* • Naway Gubier Naway . Studies on the normal clinical values, heamatology and serum constituents of the one humped camel (<i>Camelius dromedarius</i>), M.V.Sc. 1983, U. of K, * • Mohamed Adam Mohamed . Epidimiology of <i>F. gigantica</i> in the Sudan: Eastern and Central Regions, M.V.Sc.1983)U. of K. * • Abd El Rahman Ahmed Osman. The role of nutrition on the pathogenesis of <i>Schistosoma bovis</i> infection in sheep and the effect of infection on performance and carcass quality, M.V.Sc 1984, U. of K.. • Mohamed El Mubarak Abdalla . The biology of <i>Lymnoea natalensis</i> reared under laboratory conditions, M.V.Sc. 1985, U. of K.. • Somia Ibrahim Abbas , Immuno - pathological studies on contagious caprine pleuropneumonia , M.V.Sc. 1986, U. of K * • Halema Mohamed Osman. Immuno - pathological investigations of coccidial infections in goats. M.V.Sc, 1987, U. of K. (in part) • Ahmed Mohammed Ahmed Osman. Pathological and biomolecular study on Hydatid Disease in camels, cattle and sheep. M.V.Sc., 2007. U. of K. • Ehab Bashir Mohamed Elhasan. Trypanocidal efficacy of three medicinal plants (<i>Erythrina abyssinica</i>, <i>Tinospora bakis</i> and <i>Polygala eriopetra</i>) against <i>Trypanosoma evansi</i> in rats. M.V.M., 2008, U. of K.* • Bashir Osman Bashir. Traditional and modern practices in the diagnosis. Treatment and prevention of animal diseases in South Kordofan State, Sudan. M.V.M., 2009, U. of K. • Mohamed Syab Eldin Elsadig Ahmed. Protection against Diethylnitrosamine – induced hepatocarcinogenesis by <i>Nigella sativa</i> in rats. M.V.M., 2009, U. of K. • Mohamed Abakar Yousif. Survey of internal parasites in sheep and goats in the White Nile State, Sudan. M.T.A.H. 2010, U. of K.
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- Nahla Gafer Elmalik Ahmed. Changes in blood picture, urine cytology and renal function in breast cancer patients treated with cyclophosphamide in Radiation Isotope Center, Khartoum (RICK), M. Sc., Med Lab. Sci, 2011. SUST.
- Mofeed Abdrab Alrasoul Al-Khalifa. The impact of bovine virus diarrhea on health and productivity in a dairy cattle farm in Central Saudi Arabia. M.V.M., 2011, U. of K.
- Mohammed Sahnoun Hag Ahmed. Public knowledge, attitude and behavior regarding antibiotic use in animals in Khartoum state, M.T.A.H., 2012. U. of K.
- Aesha Hassan Satti. Cytomorphological changes in urine and buccal mucosa among fuel station workers in Khartoum State. M. Sc., Med. Lab. Sci., 2012. SUST.
- Insaf Gabr Eldar Ibrahim Gibair. Caprine mastitis caused by aero-bacteria in Khartoum livestock progeny improvement center – Sudan. M.T.A.H., 2012. U. of K.
- Ahmed Kamaleldin Elfadl. Pathology of camel papillomatosis and molecular characterization of papillomavirus in White Nile and Gadarif states, Sudan. M.V.M., 2013. U. of K.
- Eltyeb Abdalla Alamin Awad. Use of agarose cell blocks technique for fine needle aspiration, urine and serous effusions in Gezira State, M. SC., Med. Lab. Sci., 2013. SUST
- Ammar Alhadi Abd Allah Mohamed. Cytological changes in buccal mucosa among chronic cigarette smokers. M. Sc., Med. Lab. Sci., 2013. SUST.
- Sara Elgaili Ali Ibrahim. Epidemiological, pathological and bacteriological studies on livers and lungs on cattle, camels and goats with hydratid disease, M.V.M., 2014. U. of K.
- Hajir Hassan Mohammed Ahmed Belal. Clinicopathological Effects Diazinon Given in Drinking Water. M.Vet. Pathol. 2017. U. of K.
- Adlia Abd Elmajeed Osman. Hoof Lesions in Cattle in Khartoum State, Sudan. M.Vet. Pathol. 2017. U. of K.

Ph.D. Degree (Supervisor/ Co=supervisor*)

- Ahmed Ibrahim Yagi. Studies on the pathology and resistance to *Fasciola gigantica* in calves. Ph.D, 1983, U. of K., *
- Raga Ibrahim Omer. Pathological evaluation of Staphylococcal fatty acid modifying enzyme (FAME) and lipase on abscess production by non- abscess producer Staphylococci in sheep. Ph.D., 2008, U. of K.
- Amal Mohammed Ahmed Mohammed. Camel abscess in the Red Sea State of the Sudan. Ph.D., 2010. U. of K.

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| | <ul style="list-style-type: none"> • Ahmed Hussein El Imam. Pathogenesis of <i>Theileria lestoquadri</i> in sheep and molecular detection of other sheep <i>Theileria</i> species in Sudan. Ph D, 2011. U. of K. • Hind El Rayah Osman Musa. Pathological and bacteriological studies on ovine and caprine pneumonia and infection of sheep, goats and rates with isolated bacteria. Ph. D. 2012, U. of K. • Kaltoum Yagoub Adam Osman. Prevalence and Molecular Characterization of <i>Cryptosporidium</i> Species in Goats in Khartoum State, Sudan, and Pathogenicity of <i>Cryptosporidium parvum</i> in Goat Kids. Ph.D. 2017. SUST. • Manar Mamoun Ahmed Elseed. Residue Levels of Cypermethrin in Poultry Meat and Eggs and Possible Toxic Effects in Chicken. Ph. D., 2017, U. of K. • Rehab Mahdi Elfaki. Detection of p53 Gene Mutations in Sudanese Patients with Esophageal Carcinoma. Ph.D. SUST (in progress) |
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Administrative And Relevant Activities	<p>Faculty of Veterinary Science, U. of K.</p> <ul style="list-style-type: none"> • Member of the Faculty Board, 1973 – 1975; 2004 - present • Acted as Head, Department of Pathology, May and June 1980, 1981; June 1984; 2004 – 2007. • Secretary, Faculty Res. Board, Faculty of Vet. Science, Khartoum University, 1983-1985. • Registrar, Faculty of Veterinary Science, Feb. – Oct. 1983. • Representative of the faculty in the Gardens and Lawns committee, U. of K, 1974 - 1975. • Member of the Advisory Committee for the students of Veterinary Science, 1974-1975, and Academic Advisor for the students of Veterinary Science and Agriculture, 1981-1982. • Advisor for the students Veterinary Society, U of K, 1968 – 1970; 1972 – 1974; 1984. • Chairman, Scientific Committee for the Diamond Jubilee (event: 19th – 22nd Jan. 2014 • Member, Faculty Research board, 2004 – present. • Member, University of Khartoum Senate, 2004 – present • Participated in many (most) faculty committees during the period 2004 - 2017 <p>College of Veterinary Medicine and Animal Resources, King Faisal University (KFU), Saudi Arabia 1986 – 2003:</p> <ul style="list-style-type: none"> • Representative of the College in the Scientific Council, KFU. 1990 – 1993. • Head, Department of Pathology and member of the College Board 1987 – 1989 ; 1991-1993 • Chairman, Committee for revising the constitution of the proposed Saudi Veterinary society, 1993. • Member, College Committee for higher studies and research, 1987 – 1999. • Chairman, Safety and Laboratory Committee, 1996-1998. • Member, Medical Committee, Camel Research Center, 2000, 2001. • Member of 17 ad hoc Committees to report on various urgent issues. • Academic advisor for students, 1987-2003. • Participated effectively in planning, execution and then furnishing the new building of the Department of Veterinary Pathology. • Actively involved in community service through consultations, diagnosis of animal diseases and as member of medical teams to investigate field problems. • During the period 1987-2001, participated as Chairman or Member in more than 25 college committees.
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Scholarships	<ul style="list-style-type: none"> * UNESCO/ Austrian Scholarship: Postgraduate Training in Veterinary Medicine, 1970/ 1971 * U. of K. Scholarship for Ph. D. study, Wales, United Kingdom, 1975/ 1979 * FAO/ SIDA Scholarship: International Postgraduate Course in Veterinary Pathology, 1982
Grants	<p>Former scientific projects in which I participated as co-investigator, received grants from different sources.</p> <ul style="list-style-type: none"> * Animal Fascioliasis in the Sudan: Epizootiology, pathogenesis and control. 1981 -1989 (Team leader 1984-1986). Financial Support from The International Atomic Energy Agency (IAEA), National Council for Research, Sudan and University of Khartoum. * Studies on sheep and goat abscesses in the Kingdom of Saudi Arabia, 1993 – 1996. Sponsored by King Abdel- Aziz City for Science and Technology, * Studies on the susceptibility of camels, sheep and goats to contagious ecthyma virus strains isolated from these species, 1998. Sponsored by the Scientific council, King Faisal University, Saudi Arabia. * Development of vaccines against contagious ecthyma in sheep and goats in Saudi Arabia, 2001 – 2003. Sponsored by King Abdel- Aziz City for Science and Technology
Publications	<p>Peer Reviewed Articles:</p> <ol style="list-style-type: none"> 1. Kaltoum Y. Adam, Ahmed A. Ismail, Mai A. Masri and Ahmed A. Gameel. First Report and Molecular Characterization of <i>Cryptosporidium</i> in Humans and Animals in Khartoum State, Sudan. Submitted to BMC Infectious Diseases, 2017. 2. Kaltoum Y. Adam, Ahmed A. Gameel and Ahmed A. Ismail. Detection of <i>Cryptosporidium</i> in goats in Khartoum State. Journal of Agriculture and Veterinary Sciences (SUST). 2017 (accepted). 3. Kaltoum Y. Adam, Ahmed A. Gameel and Ahmed A. Ismail. Occurrence of <i>Cryptosporidium</i> species copro antigens in goats in Khartoum State, Sudan. Sudan Journal of Veterinary Research, 2017 (accepted). 4. Ahmed H. El imam, Shawgi M. Hassan, Ahmed A. Gameel, Abdelrahim M. El Hussein, Khalid M. Taha, Marinda C. Oosthuizen. Molecular identification of

different *Theileria* and *Babesia* species infecting sheep in Sudan. *Annals of Parasitology*, 62 (1): 47 – 54, 2016.

5. Ahmed H. El Imam, **Ahmed A. Gameel**, Shawgi M. Hassan, Abdelrahim M El Hussein, Khalid M Taha. Macroscopic and Microscopic findings in *Theileria lestoquardi* naturally infecting Sudanese sheep. *Jordan J Biol. Sci.*, 9(1): 29 – 33, 2016
6. Ahmed H. El Imam, Shawgi M. Hassan, **Ahmed A. Gameel**, Abdelrahim M. El Hussein, Khalid M. Taha. The pulmonary involvement in *Theileria lestoquardi* naturally infected sheep. *Annals of Parasitology*, 62 (1): 39 – 45, 2016.
7. Adil Salem Elsheikh, Thoyaba Faroug Fadul, Eiman Mohamed Elkhidir Aboagla, **Ahmed Abdel Rahim Gameel**. Effect of Potassium bromate on male rat growth and testicular pathology. *Asian Pacific Journal of Reproduction*. 5 (5): 376 – 380, 2016.
8. Ahmed K. Elfadl, Kathrin Jager, Heinz A. Shoon, **Ahmed A. Gameel**. Frequency, pathology and electron microscopy of Dromedary camel viral fibro-papilloma in Sudan. *Braz. J. Vet Pathol.*, 9 (2): 39 – 46, 2016.
9. Areeg, Mohamed Almubarak, Rihab Mohamed Abdelghafar, **Ahmed Abdel Rahim Gameel**, Nuha Mutasim Osman. Penile urethra hypospadias with two fistulae and diverticulum in a Saanen kid. *Cas Reports in Veterinary Medicine*, 2016 (2016) Article ID 6584062, 3 pages.
10. Manal A. Ibrahim, and El Bushra A. El Nur and **A. A. Gameel**. Changes in body weight and serum biochemical parameters of Wistar rats orally dosed with *Maerue pseudopetalosa* (Glig. And Bened) Dewolf tuber extracts. *European J Res Med Sci.*, 4(1): 52 – 59, 2016.
11. Manal A. Ibrahim, **A. A. Gameel** and El Bushra A. El Nur. Histopathological changes in the liver and heart of Wistar rats treated with *Maerue pseudopetalosa* (Glig. And Bened) Dewolf tubers. *Current Research Journal of Biological Sciences*, 7 (4): 58 – 61, 2015.
12. El Bushra E. El Nur, Manal A. Ibrahim, Ahmed A. Gameel, Mohammed A. Awad. Effect of *Maerue pseudopetalosa* (Glig. And Bened) Dewolf tubers extract on haematological parameters of Wistar rats, *Scholar Academic Journal of Pharmacy*, 5(8): 333-336.
13. Ahmed H. El Imam, Shawgi M. Hassan, **Ahmed A. Gameel**, Abdelrahim M. El Hussein, Khalid M. Taha, Diaeldin A. Salih. Variation in susceptibility of three Sudanese sheep ecotypes to natural infection with *Theileria lestoquardi*. *J. Small Ruminant Research*, 124: 105 – 111, 2015.
14. Ahmed, S. E., Brellou, G., **Gameel, A. A.**, Loukopoulos, P., Vlemmas, I. Potential effect of *Nigella sativa* against Diethylnitrosamine – induced hepatocarcinogenesis in rats. *J. Hellenic Vet. Med. Soc.*, 65(1): 35 -42, 2014.
15. Mutwakil B. Ibrahim, Elhassan M. A. Saeed, Shawgi M. Hassan, **Ahmed A. Gameel**, Khalid M. Suleiman and Ahmed Z. S. A. Zaki, Diagnosis of Ehrlichia Ruminantium in ruminants in Central Sudan using polymerase chain reaction, *The Journal of Agriculture and Veterinary Sciences (JAVS,QU.)*, 6(2): 59 - 68, 2013.

16. S. I. Abbas, Harbi, M . S. M. A and **Gameel, A. A.** First report of pathological manifestations of natural cases of contagious caprine pleuropneumonia in Sudan from which *M. capricolum* subsp. *capripneumoniae*, *M. mycoides* subsp. *mycoides* (LC type), *M. ovipneumoniae* and *M. arginini* were isolated. J. Pharmaceutical and Biomedical Sciences. 30 (2): 553 – 560, 2013.
17. Fahdel M. Housawi, Eltayb M. Abuelzein, **Ahmed A. Gameel** and Adel I. Alafaliq, Comparative study on three locally developed live orf virus vaccines for sheep in Saudi Arabia, Onderstepoort J. Vet. Research, 79(1), Art. #397, 5 pages. <http://dx.doi.org/10.4102/ojvr.v79i1.397>, 2012.
18. Sumaia, A. Ali, Mohammed, G. E, **Gameel, A. A.** In vitro adulticidal efficacy of Abendazole , *Capparis deciduas* stems and *Moringa oleifera* leaves against *Fasciola gigantica*. SUST Journal of Science and Technology, 13 (2): 59 – 67, 2012.
19. Basheir, B.O.; Elmalik, K.H.; Abdelgadir A.E.; **Gameel, A.A.** Traditional and modern practices in the diagnosis, treatment and prevention of animal diseases in South Kordofan State, Sudan. Journal of Cell and Animal Biology, 6: (15), 213-225, 2012.
20. Abuelzein, E. M., Al-Khalyfa, M. and **Gameel, A. A.** Natural in-utero infection of neonatal calves with bovine viral diarrhoea virus on a large dairy farm in Saudi Arabia, Onderstepoort J. Vet. Research, 78(1), Art. #318, 4 pages. <http://dx.doi.org/10.4102/ojvr.v78i1.318>, 2011.
21. A.E. Ure, A.K. Elfadl, A.I. Khalafalla, **A.A. Gameel**, J. Dillner and O. Forslund. Characterization of the complete genomes of *Camelus dromedaries* papillomavirus types 1 and 2. J. General Virol., 92: 1769-1777, 2011.
22. Ali, Somia A.; Mohamed, A.H.; **Gameel, A.A.**; Hassan, T. Protective effect of *Moringa oleifera* leaves aqueous extract against carbon tetrachloride induced hepatotoxicity in rats. Proceeding, 14th scientific congress, Faculty of Veterinary Medicine, Assiut University, Egypt, pp 327-336, 2010.
23. Omer, S.A., Ahmed, S.H., **Gameel, A.A.** Some biochemical parameters of cerebrospinal fluid and serum in clinically healthy Sudanese cattle. Assiut Vet.Med. J., 56(127): 170-177, 2010.
24. M.A.Al-Kaliyfa, E.M.Abuelzein, **A.A. Gameel**. Identification of cattle persistently infected with BVDV by ear-notch testing in Saudi Arabia. Vet. Rec., 167:660-661, 2010.
25. S.A. Ali, **A.A. Gameel**, A.H. Mohammed, T.H. Alamin. Hepatoprotective activity of caparis deciduas aqueous and methanolic stem extracts against carbon tetrachloride induced liver histological damage in rats .J . Pharmacol. Toxicol., 6(1): 62-68,2010.
26. M.S. Mohammed, S.M. Hassan, M.B.AbdelRahman , A.M. Shamat, **A.A. Gameel**. Clinic-pathological changes in sheep experimentally infected with Ehrlichia ruminantium (Um Biaga isolate). U of K.J.Vet.Med. & Anim. Prod., 1(1): 129-144, 2010.

27. F.M. Youssif, O.S.A. Mohamed, **A.A. Gameel**, T . Hassan. Efficacy and toxicity of homidium bromide (ethidium) in goats infected with *T. vivax*. *Small Ruminant Res.*, 89: 36-41, 2010.
28. Hegazy, A. A., Altabari, G., **Gameel, A. A.**, Hassan, A. Y. and Hatem, E, M. Non specific Hepatic Degeneration and Fibrosis in Camels (*Camelus dromedaries*). *Mansoura Vet. Med. J.*,XII (1): 25-35, 2010.
29. Altabari, G., **Gameel, A. A.** and Hatem, E. M. Pathological and Bacteriological Investigation on Traumatic injuries in the carcasses of slaughtered camels. *Mansoura Vet. Med. J.*, XII (1): 37-45. 2010.
30. S.H.Ahmed, Shadia A.Atta Omer, **A.A.Gameel**. Some normal constituents in serum and cerebrospinal fluid in Sudanese camels (*camelus dromedaries*). *Assiut Vet.Med.J.*55: 163-170, 2009.
31. A.M.A.Osman , I.E.Aradaib , Abdel-latif K.Ashmaig and **A.A Gameel** Detectionand differentiation of *Echinococcus granulosus* – Complex using A simple PCR- Based Assay . *Int . J .Trop . Med .*, 4(1) : 21 -26 , 2009 .
32. S.A. Ali, T.H. Alamin, A.H. Mohamed and **A.A. Gameel**. Hepatoprotective activity of Aqueous and Methanolic Extracts of *Capparis deciduas* Stems Against Carbon tetrachloride induced Liver Damage in Rats. *J. Pharmacol. Toxicol.* 4(4): 167-172, 2009.
33. Fadel Housawi, El Tayeb Abu Elzein. Abdul Mohsen Al-Naeem, **Ahmed Gameel**, Abdul Gader Homaida, Induced udder ORF infection in sheep and goats. *Vet. Arhiv*, 78 (3): 217-225, 2008.
34. M.I.Abubakr , E.M E Abu Elzein , F.M.T Housawi , A.O.Abdel-Rahman, M.E.Fadlalla, M.N.Nayel, A.S.Adam, S.Moss, N.L.Forrester, E.Coloyan, **A.A.Gamel**, A.L.Al-Afaliq, and E.A.Gould Pseudocowpox Virus: The Etiological Agent of Contagious Ecthyma (Auzdyk) in Camels (*Camelus dromedaries*) in the Arabian Peninsula. *Vector-Borne and Zoonotic Diseases*, 7 (2): 257 – 260, 2007.
35. R.M.Abdelghafar, **A.A.Gameel**, H.Agab and B.H,Ahmed. An Approach to Abdominal Ultrasonography in Camels (*Camelus dromedarus*) with Special Emphasis to the Liver. *J. Sci and tech (Sudan University of Science and Technology)* 8 (2): 69-77, 2007.
36. I.A.Al- Mulhim , E.M E Abu Elzein , **A.A.Gameel** , R.Manuell and D.J.Alexander A.L.Al-Afaliq . Obseniation on the Pigeon Paramyxovirus – 1 Infection in Pigeons at Al – Ahsa Oasis of Eastern Saudia Arabia .*J. Auim. Vet. Advances.* 5 (12) 1058-106, 2006 .
37. I.A.Al- Mulhim , E.M E Abu Elzein , **A.A.Gameel** , A.L.Al-Afaliq , R.Manuell and D.J.Alexander . Comparative Study on the Clinico – pattological Response of the Collared Dove (*Streptopelia roseogrisea arabica*) and Pigeons (*Columba livia*) to Experimental Infection with the Pigeons Paramyxovirus – 1. *J.Anim . Vet . Advances* 5 (5) 395 – 400 , 2006 .

38. E.M E Abu Elzein , F.M.T Housawi , A.L.Al-Afaliq **A.A.Gameel** and R.O.Ramadan . A Note on Experimentally Induced Severe Camel Orf (Auzdyk Disease) in Dromedary Camel . J. Camel Practice and Res . 11 (2) : 101-102 , 2004 .
39. N.A.Al-Humam, A.M.Al-Dughaym , G.E.Mohammed, F.M.Housawi, **A.A.Gameel**. Study on the Isolation and Pathogenicity of Pasteurella multocida Type A in Calves . Pakistan J . Biol . sci . 7 (4) 460 – 463 , 2004 .
40. F.M.T. Housawi , E.M.E. Abu Elzein , R.O. Ramadan , **A.A . Gameel** , A.I . Al-Afaleq , and G. Al-Musa . Stillbirths & Deformities Associated with Bluetongue Virus Infection in Sheep at Al-Ahsa Oasis , Eastern Saudia Arabia . Rev . Sci . Tech . off Int . Epiz . Vol 23 : 913 – 920 , 2004 .
41. F.M.T. Housawi , E.M.E. Abu Elzein , **A.A . Gameel** , A.M. Mustafa , A.I . Al-Afaleq , & A. Al-Hulaibi . Severe Auzdyk Infection in One Month Camels Calves (Camelus dromedrius) . Veterinarski arhiv 74 (6) 467 – 474 , 2004 .
42. F.M.T. Housawi , E.M.E. Abu Elzein , G. Mohamed , **A.A . Gameel** , A.I . Al-Afaleq , A. Hegazy , B. Al-Bishr , Emergence of PPR Virus Infection in Sheep in Eastern Saudia Arabia Rev . Elv. Med. Vet. Pays Trop. 57 (12) : 31 – 34 , 2004 .
43. E.M.E. Abu Elzein , F.M.T. Housawi , Y. Bashareek **A.A . Gameel** , A.I . Al-Afaleq , Servere PPR Virus Infction in Gazelles Kept Under Semi Free Range Conditions . J . Vet Med . Series B , 51 , 68 – 71 , 2004 .
44. E.M.E. Abu Elzein , F.M.T. Housawi , A.I . Al-Afaleq, R.O. Ramadan . **A.A . Gameel**, and O . Al-Gundi , Clinicopathological Response of Dromedary Camels and Sheep to Cross-Experimental Infection with Two Virulent Orf Viruses Originating From Camels and Sheep. J. Cmels Pract & Res. 11(1): 15-19,2004
45. AL– Sultan , S. and **Gameel , A.A.** Histopathological changes in livers of broiler chicken supplemented with Turmeric(Curcuma longa). International J. Poultry Sci., 3,333-336, 2004
46. Abu Elzein , E.M.E. Housawi , F.M.T. **Gameel , A.A.** AL- Afaleq , A.I. and EL Bashir , A.M. Sheep – Associated malignant catarrhal fever involving 3 – 5 week old calves in Saudi Arabia J. Vet. Med., B , 50 , 53 – 59, 2003 .
47. EL Sanousi , S.M. **Gameel , A.A.** Hassan , A.B. and EL Tom , K.H.A. Haemorrhagic meningoencephalitis.First report in Sudan . J. Egypt. Vet. Med. Ass. , 63: 23, 2002.
48. **Gameel , A.A.** and Bakhsh , A.A. Non – parasitic hepatic cysts in Camels (Camelus dromedaries) . J. Camel Practice and Res, 9(1). 79 – 82, 2002.
49. Al – Dughaym , A.M. ; Fadl Elmula , A. ; Mohamed G.E. ; Hegazi , A.A. ; Radwan , Y.A. Hosawi , F.M.T.and **Gameel , A.A.** First report of an outbreak of ovine septicemic listeriosis in Saudi Arabia. Rev. Sci. Tech. off. Int. Epiz., 20, 777-783, 2001.
50. **Gameel, A.A.**, and Ramadan, R.O. Papillary cystadenoma of the sweat gland (Hidradenoma) in ewe. Scientific J., King Faisal University 1(1), 79-84, 2000.

51. **Gameel, A.A.**, Alhendi, A.B., Ramadan, R.O. and Dafalla, E.M. The incidence of foreign bodies in the stomach of camels (*Camelus dromedaries*) J. Camel Res. & Pract. 7, 159-161, 2000.
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53. Abu Elzein, E.M.E., **Gameel, A.A.**, Ramadan, R.O. and Housawi, F.M. An eruptive moderate form of camelpox infection in dromedary camels (*Camelus dromedaries*) in Saudi Arabia. Rev. Sci. Tech. Off. Int. Epiz, 18, 749-752, 1999.
54. Ramadan, R.O., **Gameel, A.A.**, Mohamed G.E.E. and Al-Hammadi, M.H. Hemimelia and peromelia in goats in Saudi Arabia. Pakistan Vet. J. 18, 104-106, 1998.
55. **Gameel, A.A.**, Hijazi, A.A. and Yassin, N. Primary brochioloalveolar adenocarcinoma in a dromedary camel (*Camelus dromedaries*) Vet. Rec. 142, 252, 1998.
56. Al-Afaleq, A.I., Abu Elzein, E.M.E., **Gameel, A.A.** and Hassanein, M.M. Experimentation with a virulent avian paramyxovirus –1 isolate in pigeons. Bull. Anim. Hlth, Prod. Afr. 46, 119-124, 1998.
57. Abu Elzein, E.M.E., Coloyan, E.R., **Gameel, A.A.**, Ramadan, R.O. and Al-Afaleq, A.I. Camel contagious ecthyma in Saudi Arabia. J. Camel Practice and Res., 5(2): 225-228, 1998.
58. Abu Elzein, E.M., **Gameel, A.A.**, Al-Afaleq, A.I., Al-Gundi, O and Bukhari, A. Bovine ephemeral fever in Saudi Arabia. Vet. Rec., 140, 630-631., 1997.
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115. Eltom KH, Abdulkhalig Babiker, **Gameel AA**, Rodwan K, El Sanousi SM. "Alheesh" Disease of Cattle in the Sudan: A Chronic Encephalopathy Caused by *Histophilus somni* or a Cronic Form of Foot and Mouth Disease?. Congress of Controversies and Consensus in Bovine Health, Industry and Economics (CoBo, 2015), 27 – 29/ 8/2015. Berlin – Germany.
116. Sara Elgaili Ali and **Ahmed A. Gameel**. Pathological, Histochemical and immunohistochemical study on lungs and livers of cattle and sheep infected with Hydatid disease. Scientific Conference, Diamond Jubilee, Faculty of Veterinary Medicine, U. of K., Jan. 22 – 28, 2014.

117. Omar, S.A and **Gameel, A.A.** Normal values of some Synovial Fluid Constituents in Sudanese Camels (*Camelus dromedaries*). 2nd conference of the international society of camelid Research and Development. Djerba, Tunisia 12-14 March, 2009. Abstracts (NO 119), P.96.
118. Ramadan , R.O. , AL-Hazab , F., **Gameel , A.A.**, Mohamed , G.E., AL-Dugahym , A.M., Fad Elmula and Abdin- Bey , M.R . 2nd conference of the international society of camelid Research and Development . Djerba , Tunisia 12 – 14 March , 2009 . Abstracts (NO 29) P.24.
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121. S.A.Ali , T.H.Alatin, A.H.Mohammed and **A.A.Gameel** Hepatoprotective Activity of Aqueous and Methanolic Extracts of *Capparis decidua* Stems Against Carbon tetrachloride Induced Liver Damage in Rats . Presentation to : The First Regional Conference and Scientific Exhibition on medicinal , Aromatic and Poisonous Plants . Sana'a, Republic of Yemen. April 16th – 18th , 2007 .
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132. **Gameel, A.A.**, El-Shazly, M.O., Ali, A.S. and El-Sabaei, A.E. Diffuse pulmonary collapse in sheep. Presentation to the 15th Annual Meeting of the Saudi Biological Society, Makkah 29-31 March 1994. Abstract P. 140.
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146. **A.A.Gameel.** Skin and hide defects (invited paper , in Arabic). Training course on improvement and sorting of skin and hides organized by the Hide and Skin Improvement Centre, Ministry of Animal Recourses and fisheries. Khartoum 5-19 Nov. 2007. (Invited Paper)
147. **A.A.Gameel,** Fascioliasis : Pathogenicity and Pathology (Invited paper). Training Workshop on Epidemiology and control of Snail- borne Diseases (Sponsored by IAEA). Khartoum, March 23rd-April 8th, 2007. (Invited Paper)
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	<p>152. Gameel, A.A. Fasciuliasis A major disease problems in the Sudan. 11th FAO/SIDA International Postgraduate course in Veterinary Pathology, Uppsala, Sweden, Compendium Vol. II, 1-7, 1982.</p> <p>153. Gameel, A.A., Krishna, L., Feliner-Feldegg, H. and Frank, A. Investigation of pathological synergistic affects of environ-mental toxins. Eleventh FAO/SIDA International Postgraduate course in Veterinary Pathology, Uppsala, Sweden, Compendium Vol. X, 1-20, 1982.</p>
Other	<p>Collaboration with other Institutions</p> <p><u>Sudan University for Science and Technology.</u></p> <ul style="list-style-type: none"> • Member, Research Board, Faculty of Veterinary Medicine and Animal production (2006 – 2009), and then Faculty of Veterinary Medicine till present. • Member, Research Council, College of Animal Production Science and Technology, 2009 – present. • Member, Research Board, College of Medical Laboratory Science, 2011 – present. • I participate in teaching, supervision of postgraduate studentsm assessment of scientific papers and as examiner for under and posigraduates. • <p><u>Central Veterinary Adminstration</u></p> <ul style="list-style-type: none"> • Member of Promotion Committee, Central Veterinary Research Administration, Ministry of Science and Technology, 2006 – 2009. <p><u>Ahfad University for Women, Omdurman, School of Pharmacy.</u></p> <p>Collaboration in teaching and supervision of student's graduation dissertation</p> <ul style="list-style-type: none"> • Eman M. Elmobasher Omer and Esraa Ismael Bilal (2009). Prevalence and Treatment of Glaucoma in Khartoum State, Sudan,

- Erini Amin Bushra Kyrollos and Ebetehal Hussien Awadelseed (2010)
Tonsillitis and Its Management.
- Samah Abu Baker Alsidig Alzamzamy (2010).
Prevalence of Tinea capitis Among Street Children in Khartoum entre (January – December, 2009).
- Alaa Abu Elgassim Awad Elseed and Elham Mohammed Elameer (2010). Management of Heart Failure in Ahmed Gasim Hospital.
- Hanaa Hashim Yaseen and Safa Mutisem Mohamed Yasin (2010).
Types, Causes and Management of Skin Infection (Dermatitis) in Khartoum State, Sudan.
- Remaz Mohamed Omer Mohamed and Rehab Hag Edries (2012).
Reterospective Study on Leukemia in Radiation and Isotope Centre Khartoum (2008 – 2012).
- Marina Wageeh Shawgi and Muntaha Ahmed Mohammed (2013).
Frequency and Management of Acne in Dermatology Clinics in Khartoum State.
- Alaa Salah El Tayeb and Sara Mohamed Eltaib (2013).
Determination of Antioxidant in Camel Milk.
- Eishtiag Ahmed Ibrahim (2014). Clinical Management for Womer Patients with von Willebrand Disease.
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Awareness of Women About Drugs Contraindicated in Pregnancy.
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- Yusra Babiker Edris and Rania Salman Mohammed (2016). The role of adjuvant and neo adjuvant chemotherapy for treatment of breast cancer.
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- Malaz Mohamed Yousif and Marwa Fath Elrahman Yousif (2016)
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Professional and Organisation Membership

- Founding Member of Sudanese Veterinary Association.
- Member of the Exacative Committee and:
 - Cultural Secretary, 1974 -1975.
Convener of the 7th Annual Conference, 14th -17th February, 1975.
 - Treasurer, March - October, 1975.
 - Honorary Secretary, 1981 – 1982.
 - Convener, 13th Veterinary Conference, Khartoum, February, 1985
 - Vice – President, January – September, 1986.
 - Member of the Advisory Committee and Chairman of the Scientific Subcommittee, 2013 – present.
- Member of the Sudan Veterinary Council
- Former Member, Saudi Biological Society
- Former Member, Egyptian Society for Cattle Diseases
- Honorary Member, Egyptian Veterinary Medical Society for Pathology and Clinical Pathology.
- Fellow of the Royal Veterinary College, Agricultural University, Uppsala, Sweden.

Interests and Hobbies

- **Diagnostic pathology** (Necropsy and Histopathology).
- **Research , Animal diseases.**
- **Drawing:**

First Exhibition held in the premises of the College of Veterinary Medicine and Animal Resources, KFU in June 2003.

Second Exhibition held in the Faculty of Veterinary Medicine U. of K., April, 2006

Third Exhibition held at the Sudan Veterinary Association Residence, Khartoum, Jan. 2013

Honorary Awards:

* Sudanese Community, Eastern Region, Saudi Arabia.
Forum, Scientists and Thinkers, Dhrahn, 19-20, Dec. 2002.
For Long Service and Contribution to Veterinary Medicine.

* College of Veterinary Medicine and Animal Resource,
King Faisal University, Saudi Arabia
For Outstanding Efforts in Serving the Educational Process.
24 June, 2003.

* SCOPUS (Largest Database of Peer-reviewed Literature).
For Contribution to Science.
25th November, 2008.

*University of Khartoum. For Distinguished Researcher
27th February, 2014.

* Sudan Veterinary Medical Association.
In Recognition of Scientific and Practical Contribution to
the Veterinary Profession.
4 May, 2017