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Personal Information	
Full Name	Elmahi Bilal Abdelsalam
Birth Date	10/11/1951
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Specialization	Veterinary Pathology
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Qualification Information	

<b>Bachelor</b>	BVSc, University of Khartoum(1975)
<b>Masters</b>	MVSc, University of Khartoum(1980)
<b>Doctorate</b>	PhD, University of Liverpool, United Kingdom,(1984)
<b>Expertise</b>	Veterinary Pathology (Teaching and research)
<b>Academic Information</b>	
<b>Teaching</b>	<p>Entrusted to teach the prescribed courses of Veterinary Pathology for the undergraduate veterinary students at the Faculty of Veterinary Medicine, University of Khartoum. The lectures were designed to cover the following parts:</p> <ul style="list-style-type: none"> <li>i-General Pathology</li> <li>ii-Neoplasms</li> <li>iii-Special Pathology ( Systemic Pathology of domestic animals)</li> <li>iv-Morbid Anatomy</li> <li>v-Avian Pathology,</li> <li>vi-Clinical Pathology.</li> </ul> <p>In charge of the practical training of the students in various aspects of Veterinary Pathology including:</p> <ul style="list-style-type: none"> <li>i. Post-mortem examination for the diagnosis of animals diseases.</li> <li>ii-Histopathology,</li> <li>iii-Clinical Pathology and other diagnostic aids.</li> </ul> <p>Involved in teaching, training and guidance of postgraduate students and Teaching Assistants of the Department in the field of pathology ( necropsy, histopathology, clinical pathology and research activities) .</p>
<b>Supervision</b>	<p>1- <i>Studies on susceptibility to <u>Fasciola gigantica</u> infection in goats with special reference to levamisole treatment</i>; MVSc, Thesis, submitted by I.A. Goraish, (October, 1987).</p> <p>2- <i>A study of the efficacy and safety of some fasciolicidal drugs in Sudanese desert sheep.</i> MVSc., Thesis; submitted by A.A.A. Lufti (December, 1987).</p> <p>3- <i>The effect of experimental <u>Fasciola gigantica</u> infection on the performance of male Nubian goats.</i> MVSc., Thesis; submitted by Y.A.M. El Amin, (September, 1988)</p> <p>4- <i>Pathotoxicological studies on the fasciolicidal drugs niclofolan and nitroxylnil in infected and non-infected rabbits.</i> MVSc., Thesis; submitted by Randa O. Medani (1990).</p> <p>5- <i>Some studies on malignant theileriosis in Northern Sudan.</i> MVSc Thesis, submitted by I.A. Osman (July 1999).</p> <p>6- <i>Ecological and epidemiological studies on Ticks and Tick-borne diseases in Kosti Province.</i> MVSc Thesis, submitted by A.H. El imam ( May 1999).</p>

	<p>7- <i>Characrterization and anaylsis of Fasciola gigantica antigens for diagnostic purposes and future development of a candidate vaccine</i>. PhD Thesis by Ibtisam A.Goraish (2002).</p> <p>8- <i>The effect of iron compounds and other factors on the pathogenesis of pneumonic pasteurellosis in goats</i>. PhD Thesis; by Randa Abdeen Mohamed (2002).</p> <p>9- <i>Ovine Pneumonia in Al-Qassim Region : Pathological and Bacteriological Studies on Spontaneous and Experimental infection</i>. MVSc Thesis, Oassim University submitted by A. A Al-Sidrani( June 2010).</p> <p>10- <i>Toxicological Evaluation of Black Cumin (Nigella sativa) as a feed additive in Broiler chicks</i> , MVSc Thesis, submitted by Shaza Abd Alrahim Alnour (2017).</p> <p>11- <i>Evaluate the sub chronic toxic effect of methanolic extract of Ximenia amricana stem part in wister albino rats.</i> , MVSc Thesis, by Roia Ahmed Ramli (Work in progress).</p>
<b>Administrative</b>	<p>Engaged in several administrative responsibilities within the Faculty of Veterinary Medicine, University of Khartoum:</p> <ol style="list-style-type: none"> <li>1-Vice-Dean for Research and Postgraduates Studies (1999-2000 ).</li> <li>2- Vice-Dean , Faculty of Veterinary Medicine.</li> <li>3-Member of the Faculty Board (FVM).</li> <li>4-Member of the Faculty Research Board (FVM).</li> <li>5-Secretary of the Departmental Board of Veterinary Pathology (1985-1988, 1996- 2000).</li> <li>6-Acting Head of the Pathology Department for so many intervals.</li> <li>7-Active member of several committees within the Faculty of Veterinary Medicine including <ol style="list-style-type: none"> <li>i. Faculty Co-ordination Committee for utilization of Foreign Technical Aids (1985).</li> <li>ii. Faculty Committee for the evaluation and improvement of the University Farm (1987).</li> <li>iii. Interview Committee for the newly-admitted Veterinary students.</li> <li>iv. Faculty Committee for the revision and amendment of the Basic Act of the Students Rules and Regulations (1987).</li> <li>vi. Small Ruminant Research Sub-committee; affiliated to the 50<sup>th</sup> Anniversary of the Faculty of Veterinary Science (January, 1988).</li> <li>vii. Examination Committee, Faculty of Veterinary Science for the academic year 1997/1998.</li> <li>viii. Faculty Board sub-committee for student cases.</li> <li>ix. Head of the Faculty sub-committee for the supervision of the Photography Unit and Audiovisual Aids.</li> <li>x. Head of the Faculty Board sub-committee for revision and amendments of regulations and curricula of the post-graduate programmes for MVSc/MSc by courses.</li> <li>xi-Coordinator of post-graduate studies at the Department of Pathology(FVM, U of K).</li> <li>xii-Member of the Faculty Research Board sub-committee for reviewing post-graduate student proposals for master degree by courses and complementary research.</li> </ol> </li> </ol>
<b>Scholarships</b>	<p>Graduate College (MVSc. University of Khartoum)</p> <p>FAO- SIDA (Post-graduate training in Veterinary Pathology- Uppsala University, Sweden</p> <p>The British Council (PhD- University of Liverpool, United Kingdom)</p>
<b>Grants</b>	<p>National Council for Research, Sudan ( !977-1979) .Project: Mineral deficiency and toxic plants</p> <p>International Atomic Agency –Vienna (1985-1989) .Project: Fascioliasis in animals</p>

<b>Publications</b>	<p><b>Dissertations:</b></p> <p>1-<b>Abdelsalam, E. B.</b> (1979). <i>The effect of three chlorinated hydrocarbons and of Dimecron on goats and laboratory animals</i>. MVSc., Thesis, University of Khartoum, Sudan</p> <p>2-<b>Abdelsalam, E. B.</b> (1984). <i>The effect of pre-existing lesions on the toxicity of levamisole and various organophosphorus compounds in calves</i>. PhD, Thesis, University of Liverpool.</p> <p><b>Edited Books:</b></p> <p>1-<b>E.B. Abdelsalam</b> and O.M. Mahmoud (2015). <i>Veterinary Systemic Pathology (in Arabic)</i>. Modern Doha Press, Ltd, Qatar, ISBN 0-283-00-9927-978.</p> <p><b>Published Papers:</b></p> <p>1.<b>Abdelsalam, E. B.</b> (1982). Toxicity of Dimercon to goats. Sudan Journal of Veterinary Science and Animal Husbandry. <b>23</b>, 54-63.</p> <p>2.<b>Abdelsalam, E. B.</b> (1982). Toxicity of dieldrin to goats. Sudan Journal of Veterinary science and Animal Husbandry, <b>23</b>, 94-101.</p> <p>3. <b>Abdelsalam, E. B.;</b> Adam, S. E. I. and Tartour, G. (1982). The combined action of dieldrin and phosphamidon in goats. Zentralblatt Fur Veterinarmedizin A, <b>29</b>, 136-141.</p> <p>4. <b>Abdelsalam, E. B.;</b> Adam, S. E. I. and Tartour, G. (1982). Modification of the hepatotoxicity of carbon tetrachloride and chloroform in goats by pretreatment with dieldrin and phenobarbitone. Zentralblatt Fur Veterinarmedizin A, <b>29</b>, 142-148.</p> <p>5. Ford, E. J. H. and <b>Abdelsalam, E. B.</b> (1983). Combined effect of levamisole and organophosphorus compounds in calves. Veterinary Record, 112, 106.</p> <p>6. <b>Abdelsalam, E. B.</b> and Ford, E. J. H. (1985). Normal esterase activity in the plasma, whole blood and tissues of cattle. Zentralblatt Fur Veterinarmedizin A, <b>32</b>, 518-525.</p> <p>7. <b>Abdelsalam, E. B.</b> (1986). The effect of levamisole (L. tetramisole) on domestic animals. Acta Veterinaria (Beograd). <b>36</b>, 23-30.</p> <p>8. <b>Abdelsalam, E. B.</b> and Ford, E. J. H. (1986). The effect of pretreatment with hepatic microsomal enzyme inducers on the toxicity of the organophosphorus diazinon in calves. Research in Veterinary Science. <b>41</b>, 336-339.</p> <p>9. <b>Abdelsalam, E. B.</b> and Ford, E. J. H. (1987). The effect of induced liver, kidney and lung lesions on the toxicity of levamisole and diazinon in calves. Journal of comparative Pathology <b>97</b>, 619-627.</p> <p>10. <b>Abdelsalam, E. B.</b> (1987). Organophosphorus compounds i: Toxicity in domestic animals. Veterinary Research Communication <b>11</b>, 211-219.</p> <p>11. <b>Abdelsalam, E. B.</b> (1987). Organophosphorus compounds: ii. Metabolic considerations. Veterinary Research Communication <b>11</b>, 589-597.</p> <p>12. <b>Abdelsalam, E. B.</b> (1987). Factors affecting the toxicity of organophosphorus compounds in animals. Veterinary Bulletin, <b>57</b>, 441-448.</p> <p>13. <b>Abdelsalam, E. B.</b> (1987). Comparative effect of certain organophosphorus compounds and other chemicals on whole blood, plasma and tissue cholinesterase activity of goats. Vet. and Human Toxicology. <b>29</b>, 146-148.</p> <p>14. <b>Abdelsalam, E. B.;</b> Goraish, I. A. and Tartour, G. (1988). Clinico-pathological aspects of naturally-occurring contagious caprine pleuropneumonia in Sudan. Revue d' Elevage et de medicine Veterinaire des pays tropicaux. <b>41</b>, 52-54.</p> <p>15. Ali, B. H.; Hassan, T. Suliman, B. H. and <b>Abdelsalam, E. B.</b> (1985). Some effects of imidocarb in goats. Veterinary and Human Toxicology, <b>27</b>, 477-480.</p>

16. Goraish, I. A.; **Abdelsalam, E. B.**; Aradaib, I. E. and Tartour, G. T. (1988). The effect of levamisole treatment on the susceptibility to *Fasciola gigantica* infection in goats. Review d'Elevage et de medicine Veterinariae des pays tropicaux **41**, 283-287.
17. **Abdelsalam, E. B.**; El Tayeb, A. E.; Nour Eldin, A. A. and Abdulmagid, A. M. (1988). Aflatoxicosis in fattening sheep. Veterinary Record, **124**, 487-488.
18. **Abdelsalam, E. B.** and Nour Eldin, I. (1989). Levamisole induced resistance to *Reilliatena tetragona* in Young chicks. Acta Veterinariae Brno. **41**, 125-130.
19. Goraish, I. A.; **Abdelsalam, E. B.** and Tartour, G. (1991). Susceptibility to homologous reinfection with *Fasciola gigantica* in goats. Revue d'elevage et de medicine Veterinaire des pays tropicaux, **44**, 69-73.
20. Goraish, I. A.; **Abdelsalam, E. B.** and Tartour, G. (1991). The prospect of vaccination with  $\delta$ -irradiated metacercaria against *Faschiola gigantica* infection in goats. Acata Veterinaria (Beogard) **41**, 95-102.
21. Goraish, I. A.; **Abdelsalam, E. B.** and Tartour, G. (1995). Study on the existence of cross resistance between *Schistosoma bovis* and *Faschiola gigantica* on Nubian goats. Sudan Journal of Veterinary Science and Animal Husbandry. **34**, 106-112.
22. Nassar, S. M. A.; Barri, M. E. S.; Mohamed, O. S. A.; Siddig, K. and **Abdelsalam, E. B.** (1997). Toxicity of Coumaphos in Nubian Goats. Sudan Journal of Veterinary Science and Animal Husbandry. **36**, 115-124.
23. Ali, O. A. and **Abdelsalam, E. B.** (1997). Incidence of Animal Diseases in Tropical (Libya), A Ten-Year (1982-1991) Pathological Survey. Sudan Journal of Veterinary Science and Animal Husbandry, **36**, 141-148.
24. **Abdelsalam, E. B.** and Ali, O. A. (1998). Ectopic lymph nodes in an ovine lung. Proc. 8th Arab Vet. Confr., Khartoum. PP. 431-435.
25. Sahar, M. A. n.; Siddig, K. E.; Barri, M. E.; **Abdelsalam, E. B.** and Mohamed, O. S. A. (1998). Toxicity of diazinon in Nubian goats. Sudan Journal of Veterinary Science and Animal Husbandry, **37**, 76-83.
26. Shadad, M. E. Y. and **Abdelsalam, E. B.** (1998). Equine Urolithiasis: A surgical approach for cystic calculi. Sudan Journal of Veterinary Science and Animal Husbandry. **37**, 177-178.
27. **Abdelsalam, E. B.** (1999). Neurotoxic potential of six organophosphorus compounds in adult hens. Veterinary and Human Toxicology. **41**, 290-292.
28. Ali, O. A. and **Abdelsalam, E. B.** (1999). Sheep Pulmonary Adenomatosis (Jaagsiekte) in Libya: Gross and histopathological evidence. Review d'Elevage et de medicine Veterinariae des pays tropicaux \_ **52**, 181-183.
29. Shadad, M. E. Y. and **Abdelsalam, E. B.** (1999). Equine serum hepatitis in Khartoum Veterinary Teaching Hospital. . Sudan Journal of Veterinary Science and Animal Husbandry. **38**, 187-189.
30. Mohamed, R.A., Idris, O.A., El Sanousi, S.M. and **Abdelsalam, E. B.** (2000). The effect of coccidian infection on the gut microflora of Nubian goat kids. Deutsche Tierarzliche Wochenschrift, **107**, 414-416.
31. Ismail, A. A., Bashar, A.D. , **Abdelsalam, E. B.** and Abaker, A.D. (2004). Some epidemiological aspects of caprine haemonchosis in South Darfur State, Sudan. Assuit Veterinary Medical Journal. **50**, 126-133.
32. Ismail, A. A., Abaker, A.D. and **Abdelsalam, E. B.** (2004). Caprine haemonchosis: Pathogenicity of *Haemonchus contortus* in Desert goats , South Darfur , Sudan. Assuit Veterinary Medical Journal. **50**, 134-143.
33. Al-Hizab, F.A. and **Abdelsalam, E. B.** (2005). Adenomatous lesion in a pneumonic lung of a local indigenous Saudi goat. Pakistani Journal of Biological Sciences. **8**, 542-545.
34. Al-Hizab, F.A. , Ramadan, R.O., Al-Mubarak, A.I. and **Abdelsalam, E. B.** (2007) . Basal cell carcinoma in a one –humped camel ( *Camelus dromedaries*) . A clinical report. Journal of Camel Practice and Research. **14**, 49-50.

35. Al-Hizab, F.A. and **Abdelsalam, E B.**(2007). Non-suppurative meningoencephalitis in a one –humped camel ( *Camelus dromedaries*) in Saudi Arabia. Journal of Camel Practice and Research. 14, 105-108.
- 36-. I.A. Goreish, **E.B. Abdelsalam**, A.M. Magid, D.J. Williams and M.M. Mukhtar (2007). Detection of Antibodies to Excretory/Secretory Enzymes and Somatic Extracts of *F.gigantica* in Experimental and Naturally Infected Cattle. Albuhuth, 11, 93-105.
37. Hamid, M.E., O.A. Gamal Eldin, El Hussein, H.A., Mahgoob, A., Ibrahim, K.E.E. and **Abdelsalam, E B.**(2007). First Report of Nocardia farcinica –induced mastitis in a Saanen Goat in the Sudan. , The Sudan Journal of Veterinary Research, 22, 83-88.
- 38-I.A. Goreish, , Williams,D.J. ,Mc Garry, J., . **Abdelsalam, E.B.**, Magid, A.M., and Mukhtar, M.M. (2008).Protein profile of *Fasciola gigantica* antigens, The Sudan Journal of Veterinary Research, 23, 1-9
- 39..**Abdelsalam, E.B.** and Al-Tabary, G. (2008). Metastatic adenocarcinoma of unknown primary origin in the skeletal muscles of sheep. Veterinariski arhiv, 78, 539 – 544.
40. Mohamed, R.A and **Abdelsalam, E.B.** (2008). A review on pneumonic pasteurellosis (respiratory mannheimiosis) with a special emphasis on pathogenesis, virulence mechanisms and predisposing factors. Bulgarian Journal of Veterinary Medicine, 11, 139 – 160.
- 41-Goreish, I.A., Williams , D. J., McGarry , **Abdelsalam . E. B.**, Majid , A. M. and Mukhtar , M.M.(2009). Identification of Some Immunogenic Proteins of Fasciola gigantica using Immunoblotting Technique. The Sudan Journal of Veterinary Research, 24, 5-10.
42. Abdulmohsen, A., Abu-Elzein,E., **Abdelsalam, E.B.**, Al-Hizab,F. Housawi, F. and Al-Afaleg, A. ( 2009).Clinico-pathological response of indigenous sheep and goats to a virulent gazelle Peste des petit ruminants virus (PPRV).Scientific Journal of King Faisal University( Basic and Applied Sciences). 10, 181- 189..
43. Al-Sadrani, A.A. and **Abdelsalam, E.B.** (2010). Histological Evidence of a Respiratory Syncytial Virus(RSV) infection in peumonic lungs of sheep in Al-Qassim Area , Kingdom of Saudi Arabia .Bulgarian Journal of Veterinary Medicine, 13, 189-192.
- 44- **Abdelsalam, E.B** and. Al-Sadrani, A.A. (2015). Incidental findings of pathological significance in pneumonic lungs of sheep in Al Qassim Area, Kingdom of Saudi Arabia: an abattoir survey. Comparative Clinical Pathology. 24, 951-955 (DOI: 10.1007/s00580-014-2050-3)
- 45- Abdelhalim ,M.I, Salaheldeen, Y. M. H., Idris, O.F. , **Abdelsalam,E.B.** and Sabahelkhier,M.K. (2016) Histopathological Effect on Different Rat Tissues Induced by the Trihalomethane-Bromoform Administered in Drinking Water. Nova J Med Biol Sci. 5: DOI: 10.20286/nova-jmbs-050180.
- 46-Elamin, M.H. , **Abdelsalam** , E.B. Daghestani, M. and Elkhadragey, M.F. (2017). Synergistic Anti-Breast-Cancer Effects of Combined Treatment With Oleuropein and Doxorubicin *In Vivo*. Alternative therapies in health and medicine.(E pub ahead of print).

<b>Other</b>	<p>1-Member of the University of Khartoum Senate.</p> <p>2- Former member of the Graduate College Board.</p> <p>3- Former member of the board of the College of Technical and Developmental Studies, (U of K).</p> <p>4-Co-ordinator of post graduate studies at the Department of Pathology.</p> <p>5- Former coordinator of Veterinary Intermediate Technical Diplomas (CTDS).</p> <p>6-Former member of the Central Library Committee (University of Khartoum.).</p> <p>7-Member of the Editorial Committee of a Veterinary Medical Scientific Dictionary (English/Arabic) established by the Higher Commission of Arabization, Ministry of Higher Education and Scientific Research.</p> <p>8-Former member of the Editorial Committee for compiling and publishing of a periodic book for scientific research activities in Khartoum University</p>
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