

**Dr. Enaam Mohamed El Sanousi**  
**B.V.Sc., M.V. Sc., Ph.D.**  
**Assistant Professor**

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An experienced academic and research professional, with over 19 year practical experiences in teaching, initiation, design and implementation of scientific research projects in microbiology, immunology, molecular biology and biological production of diagnostics and vaccines, scientific research findings and One Health training and tackling model systems against emerging infectious diseases.

Currently an academic staff (full-time) at the Department of Preventive Medicine and Veterinary Public Health, Faculty of Veterinary Medicine, University of Khartoum.

Also academic staff at Sudan Academy of Sciences, a governmental university of postgraduate studies, in excess of 7 years demonstrated success in supervising Master and PhD students while maintaining high interest and achievement.

External Supervisor of the Faculty of Veterinary Medicine, University Putra Malaysia (UPM).

Lecturing aquatic animal microbiology at the Department of Microbiology and Immunology, college of Veterinary Medicine, Bahri University, Sudan, instructing the Aquatic Animal Health Program.

Previous Director of Al-Neelain Medical Research Institute (NIMR), Al-Neelain University, Sudan which is one of the most leading professional research institutes in Sudan.

Strong track record in Instructing microbiology courses for under graduate university students as well as supervising research activities for post graduate students, Faculty of Veterinary Medicine, University of Khartoum and many other Sudanese universities. Supervised and co-supervised Diploma, Master and Ph.D. students.

Solid knowledge and practical experiences in Biological production of diagnostics and vaccines, biotechnology and the advanced molecular biology techniques.

Headed the Brucella Department, Central Veterinary Research Laboratory and conducted extensive epidemiological research in isolation, identification and characterization of the species causing abortion in all parts of Sudan.

Expert of the World Organization for Animal Health (OIE) laboratory twinning project (candidate laboratory) between Sudan and the United Kingdom 2010 - 2015.

Participated in many scientific researches academic conferences and workshops and have many scientific publications in reputable journals.

Demonstrated motivation, flexibility and ability to work independently in difficult situations.

### Qualifications:

- **Ph. D.**, Faculty of Pharmacy, University of Khartoum, 2006. (Pharmaceutical Microbiology)  
Title of the Ph.D.: Molecular diagnosis of *Brucella* species.
- **M.V.SC**, Faculty of Veterinary Science, University of Khartoum, 1999 (Microbiology).  
Title of the M.V.Sc: The effects of the physical factors on the viability of veterinary vaccines and its production using the bioreactor.
- **B.V.SC**, Faculty of Veterinary Science, University of Khartoum, 1987.

### Post-doctoral Fellowship

- Conducted a scientific training placement in phenotypic and molecular characterization of the genus *Brucella* at the Animal and Plant Health Agency, bacteriology and TB Department, Weybridge, United Kingdom from 27<sup>th</sup> – 31<sup>st</sup> October 2014.
- Conducted a post-doctoral fellowship, funded by IAEA, in advanced molecular diagnostic techniques and standard operating procedures for diagnosis and production of diagnostic reagents and vaccines at the Veterinary Laboratories Agency, Surrey, UK, 17th May till 25th July 2009.

### Computer Knowledge

Computer skills include all MS Office programs and a variety of scientific packages and all internet applications.

### Nationality

Sudanese

### Marital Status

Married with three children.

### Languages

Competent English and Arabic languages skills.

### Teaching Experience:

**February 2015 to date:** Full time lecturer at the Department of Preventive Medicine and Public Health, Faculty of Veterinary Medicine, University of Khartoum.

**October 2016 to 2017:** Lecturer of Microbiology and Recombinant Technology, Master degree by courses and complementary research in Molecular Medicine, Al-Neelain Medical Research Institute (Batch 1. 2016 – 2018), Al-Neelain University, Sudan.

**September 2015 to December 2016** Director of Al-Neelain Medical Research Institute (NIMR), Al-Neelain University, Sudan which is one of the most leading professional research institutes in the fields of molecular biology, flow cytometry, Cytogenetics, microbiology, parasitology, immunology and haematology. The institute organizes a Master degree (by courses and complementary research) in Molecular Medicine.

**December 2013 to date:** Lecturer of Microbiology, Faculty of Veterinary Medicine, University of Bahri, Khartoum, Sudan.

**January 2012:** Instructor of M. Sc. Student (Master by courses), College of Graduate Studies Sudan University of Science and Technology.

**January 2007 to date:** Academic staff of Sudan Academy of Sciences, a governmental university of postgraduate studies:

- Doctoral theses.
- Masters theses and dissertations.
- Seminars and workshops.

### Supervision and Co- supervision:

#### Master Degrees:

##### Supervision:

- Study on bovine Brucellosis associated with milk consumption in Zalingei Town Central Darfur State, Sudan by Siham Arbab Yagoub Idris, Master of Tropical Animal Health, Faculty of Veterinary Medicine, University of Khartoum, registered January 2017.
- Comparative molecular and serological diagnosis of brucellosis in dairy farms in Gadarif State by Suad Mohammed Fadlallah Ali, Master of Tropical Animal Health, Faculty of Veterinary Medicine, University of Khartoum, registered January 2017.
- Prevalence of *Pasteurella haemolytica* in sheep in Central States of the Sudan by Baraa Khalid Ali Waleed, Master in Preventive medicine, Faculty of Veterinary Medicine, University of Khartoum, registered January 2016.
- Sero-prevalence of sheep Brucellosis in South Darfur State in Nyala Area, Sudan by Ahmed Adam Abdallah Musa, Master of Tropical Animal Health, Faculty of Veterinary Medicine, University of Khartoum, registered January 2016.
- Sero-prevalence of Bovine and Caprine Brucellosis in Kass locality, South Darfur State, Sudan by Abdelbagi Ishag Tajeldin Ismail, Master of Tropical Animal Health, Faculty of Veterinary Medicine, University of Khartoum, registered January 2016.

- Comparative serological responses resulted of vaccination of Sudanese Small ruminants (sheep and goat) by *Brucella melitensis* Rev1 vaccine by Nehad Khairalla Faraggalla, Master in Preventive medicine, Faculty of Veterinary Medicine, University of Khartoum, registered October 2015.
- Compliance of National Standard Operating Procedures for Brucella Biological Products produced in Sudan with the International SOPs by Huda Abdelmoneim Abdelaati Bakheit, Master in microbiology, Department of Microbiology and Immunology, college of Veterinary Medicine, Bahri University, registered April 2014.
- Cases of Streptococcal Infections of Cultured Tilapia in Northern State, Sudan by Maha Hassan, Master in fish microbiology, Department of Microbiology and Immunology, college of Veterinary Medicine, Bahri University, registered January 2014.
- Epidemiological study of brucellosis in camel dairy farms in Khartoum State, By ElAmir Gafaar Saad, Master in Veterinary Epidemiology, Sudan University of Science and Technology, defended April 2013.
- Epidemiological study of brucellosis in sheep in North Kordofan State, By Ahmed AbdelSalam, Master in Veterinary Epidemiology, Sudan University of Science and Technology, defended March 2013.
- Isolation and characterization of Staphylococci from bovine mastitis in South Darfur State, by Salma Yousif Mohammed Basi, University of Nyala, defended January 2013.
- Isolation and Identification of Aerobic Bacteria from patients with Otitis media in Nyala Area, by Fiza Musa Mohamed Eltigani, Faculty of Veterinary Science, University of Nyala, defended December 2012.
- Prevalence of brucellosis in animals in White Nile State, by Nosaiba Sabah Elkheir Ali, Master of Science, Sudan Academy of Science and Technology, (registered July, 2012).
- The production and use of *brucella melitensis* Rev 1 vaccine and Rose Bengal Plate Test Antigen of *B. melitensis* for control of small ruminant brucellosis in Sudan, by Maha Ibrahim Khogaly, Master of Science, Sudan Academy of Science, (defended May, 2013).
- Cultural, Serological and molecular diagnosis of caprine brucellosis in Khartoum State, by Maha shareif, Master of Veterinary Science, Sudan University of Science and Technology defended March 2010.
- The Occurrence of *brucella* in Omdagarce area, Gazera State, by Ghada Osman Mohammed, Master of Tropical Medicine program, Sudan Academy of Science, Defended October 2009.

#### **PhD Degree:**

#### **Co-Supervision:**

- Valuation of Serological Tests Used for Diagnosis of brucellosis for camels and goats intended for exportation in Sudan by Sawsan Abbass Mohammed Ahmed, Ph D. in Veterinary Medicine, Collage of Veterinary Medicine, Sudan University of Science and Technology, registered 2017. (supervisor: Professor Jalal al-Din al-Azhari).
- Pathological diagnostic study of dromedary camels experimentally infected with *Brucella abortus* and *Brucella meletensis* by Elamir Gafar Saad Mohamed, Ph. D. in Veterinary Medicine, Faculty of Veterinary Medicine, University Putra Malaysia (UPM), registered 2016. (supervisor: Professor Mohamed Zamri Saad).
- Epidemiology of camel brucellosis in Eastern, Central and Western Sudan, Maha Ibrahim Khogaly, Ph D. in Preventive medicine, Faculty of Veterinary Medicine, University of Khartoum, registered January 2016. (Supervisor: Professor Mohamed Taha Shigidi)

- A comparative study for diagnosis of caprine (*Capra hircus*) and camel brucellosis (*Camelus dromedaries*) intended for exportation in the Sudan by Entisar Mohamed Osman Babiker, Ph.D. in Veterinary Medicine, College of Veterinary Medicine, Sudan University of Science and Technology. (Supervisor: Professor Jalal al-Din al-Azhari).
- A comparative study for diagnosis of camel brucellosis (*Camelus dromedaries*) in the Sudan Ehsan Omran Mansour, College of Veterinary Medicine, Sudan University of Science and Technology. Registered October 2014. (Supervisor: Professor Jalal al-Din al-Azhari).
- Development of diagnostic techniques for camel brucellosis, Abdelnassir Ahmed Taha, PhD of Science, Sudan Academy of Science, defended August, 2015. (Supervisor: Dr. Muna Osman Alhag).
- Seroprevalence of brucellosis in North Darfur, Rayas A. Rayas, Faculty of Veterinary Medicine, University of Khartoum, defended June 2013. (Supervisor: Professor Mohamed Taha Shigidi).
- Molecular diagnosis of bacteria causing mastitis in crossbred dairy cattle in Gazira State, Sudan. Shamseldin Ibrahim, University of Gezira, registered 2012. (Supervisor: Professor Naser ELDin Bilal, Faculty of Medical Laboratory Sciences, UofK).
- Brucellosis in Yemen and Sudan seroprevalence, causative agent and evaluation of different diagnostic methods, by Shawgi Derhim Gasim Nagi, defended 2010. (Supervisor: Dr. Suliman Mohamed El hassan).

#### **Post Graduate Examination Committees**

##### **Internal Examiner:**

- Abeer Abass Mohamed Adam, Bacteria isolated from dead in shell chicken embryos, Graduate College, University of Khartoum, 2016.
- Abd Elrazig Adam Husien, Isolation and identification of aerobic bacteria associated with respiratory tract infections in chickens (Baladi breed) in Khartoum State, Sudan, Graduate College, University of Khartoum, 2015.
- Hamid Ahmed Musa Hamid, Effect of Temperature, Salt Concentration and pH on viability of *Brucella abortus* S19 and *Brucella melitensis* Rev1 Vaccines. Graduate College, University of Khartoum, 2015.
- Maha Ibrahim Khogaly, Production and use of brucella melitensis Rev 1 vaccine and Rose Bengal Plate Test Antigen of B. melitensis for control of small ruminant brucellosis in Sudan, Sudan Academy of Sciences, 2013.
- Mukhtar Omer, Brucellosis in camels, cattle and humans: associations and evaluation of serological tests used for diagnosis of the disease in certain nomadic localities in Sudan, Sudan Academy of Sciences, 2009.

##### **External Examiner:**

- Mai Yahia Ahmed Rahma, Sero-prevalence of Brucella among livestock and human in Sinnar State, Graduate College, University of Bahri. 2016.
- Amona Mohamed Hamid, Serological surveillance of bovine brucellosis in three different age groups in Khartoum State, Sudan; comparison of RBT and ELISA, Graduate College, University of Bahri. 2014.
- Asma Mohamed Soleiman Ishag, Epidemiological study of brucellosis in Sheep in Khartoum State. College of Graduate Studies, Sudan University of Science and Technology. 2012.

## Career

- a. **February 2015 to date:** assistant professor in the Department of Preventive Medicine and Veterinary Public Health, Faculty of Veterinary Medicine, University of Khartoum.
- b. **December 2015 to December 2016:** Director of the Al-Neelain Medical Research Institute (NIMR), Al-Neelain University, Sudan, which is one of the most leading professional research institutes in the fields of molecular biology, flow cytometry, Cytogenetics, microbiology, parasitology, immunology and haematology. The institute organize a Master degree (by courses and complementary research) in Molecular Medicine.
- c. **July 2011 to January 2015:** Assistant Professor, Department of Brucella of the Veterinary Research Institute (VRI), Federal Ministry of Livestock, Fisheries and Rangelands, Sudan.
- d. **January 2010 to July 2011:** Animal Health Expert, Arab Organization for Agricultural Development (AOAD) of the Arab League, Khartoum, Sudan.
- e. **2007 to January 2010:** Head Department of Brucella of the Central Veterinary Research Laboratories (CVRL), Federal Ministry of Animal Resources and fisheries, Sudan.
- f. **May 1992 to 2007:** Researcher at the Department of Brucellosis of the Central Veterinary Research Laboratories (CVRL), Federal Ministry of Animal Resources and fisheries, Sudan.
- g. **January 1990 to May 1992:** Planning officer. General Administration of Planning and Projects. Federal Ministry of Animal Resources and fisheries Sudan
- h. **November 1988 to December 1989:** Epizootic Disease Control Officer, General Administration of Epizootic Disease Control and Animal Health, Federal Ministry of Animal Resources and fisheries, Sudan.

## Project Management Experience

- Lead expert in the field of brucellosis of a candidate laboratory of the OIE laboratory twinning project of the World Organization for Animal Health (OIE) and is implementing a twinning project, 2010 - 2015, between the OIE reference laboratory at UK, the Animal Health Veterinary Laboratories Agency (AHVLA), and the Brucella Department of the Veterinary Research Institute (VRI), Sudan.  
[http://www.oie.int/eng/BIOTHREAT2015/Presentations/6\\_Keith\\_and\\_Enaam\\_El\\_Sanousi\\_Presentation\\_30.pdf](http://www.oie.int/eng/BIOTHREAT2015/Presentations/6_Keith_and_Enaam_El_Sanousi_Presentation_30.pdf)
- Counterpart of a project entitled (Better diagnosis of neglected infectious diseases) in collaboration with the Faculty of Medicine, University of Khartoum, Sudan, funded by NIDIAG, a European research network (Collaborative Project) coordinated by the Institute of Tropical Medicine (ITM, Prof. Marleen Boelaert, Antwerpen, Belgium).
- Animal Health Expert of the Arab Organization for Agricultural Development (AOAD) of the Arab League, Khartoum, Sudan. The main responsibilities were to assist in strengthening the veterinary education and veterinary services including upgrading diagnostic/research laboratories, veterinary field facilities and veterinary regulations and legislations in the Arab States to meet the international

standards. Assessed, set the priorities, prepared and executed national and regional training sessions.

- National Counterpart of IAEA TC project entitled “Setting up a national Network for diagnosis of livestock diseases that affect exports in Sudan” (sud /5/031) which was funded by the International Atomic Energy Agency (IAEA), 2007- 2010.
- A member of the National Team of Sudan Atomic Energy Commission (SAEC), representing the livestock and Fisheries sector, and participated in the preparation of the Sudan Country Program Framework (CPF) (2009 to 2013) with IAEA which defines potential Technical Cooperative Projects (TCP) based on national development plans and priorities.
- Participated in Technical cooperative program AG: TCP/SUD/0056 entitled “Emergency Assistance to Brucellosis” which mainly focused on the Control of Contagious Diseases: epidemiological sero-Surveillance, diagnosis and vaccination in Khartoum and El Gazeera States, Sudan, Funded by the FAO of the UN, 1993 - 1997.

### **Workshops and Training courses**

- Participated in a Biosafety Refresher Training Workshop for Regulators with a Focus on Environmental Risks, organized by the African Union, (NEPAD, COMESA, ACTESA), 12th – 13th July 2017, Khartoum, Sudan.
- Participated in Biosafety Training Workshop for Regulators and other Stakeholders in the Sudan, organized by the African Union, (NEPAD, COMESA, ACTESA) June 2nd – 4th, 2015, Khartoum Sudan.
- Participated in Principles to laboratory management and equipment operations training workshop, Rwanda, 15 – 20 June 2015.
- Participated in the International FISH Course, Vienna, Austria, 18 -22 February 2013.
- Participated in the Regional Seminar on the OIE Laboratory Twinning Programme: Concepts and Perspectives, Johannesburg, South Africa, 9 - 10 October 2012.
- Participated in the Final Workshop of the brucellosis OIE laboratory twinning between the National Animal Plant Health Laboratory, Asmara, Eritrea (NAPHL) and the Istituto “G. Caporale”, Teramo, Italy (ICT), Asmara, Eritrea, 6 – 7 December 2011.
- Participated in The OIE Twinning Feedback Workshop “Evolution to functioning program and guidance for success” held at the OIE Headquarters, Paris, from 30 to 31 March 2011.
- Participated in the 78th OIE General Session as Arab Organization for Agricultural Development (AOAD) delegate and presented a paper entitled “Role of AOAD as a regional specialized organization” in the regional commission of the Middle East, Paris, France, from 23 to 28 May 2011.

- Participated in the 19th Conference of the World Organization for Animal Health (OIE) Regional Commission for Africa and presented a paper as AOAD delegate entitled: The establishment of the Afro-Arab joint agriculture action plan, Kigali, Rwanda from 14 to 18 February 2011
- Participated in the first Global Conference on Veterinary Legislation, organized by the World Organization for Animal Health (OIE). The conference highlighted the significance of veterinary legislation as a cornerstone of national veterinary good governance and infrastructures, Djerba, Tunisia from 7 to 9 of December 2010.
- Participated in the second Global Conference of OIE Reference laboratories and Collaborating Centers held at OIE Headquarters, Paris, France, from 21 to 23 June 2010.
- Participated as a principal constructor in a national workshop for control of livestock diseases, Sennar State, Sudan, from 22 to 23 April, 2009.
- Principal constructor for Diagnosis control of brucellosis "The Complement Fixation Test" funded by the IAEA Project SUD/5/031, Khartoum, Sudan, from 15 June to 15 Aug 2008.
- Participated in a national training course on diagnosis of Brucellosis, funded by the IAEA Project SUD/5/031, Khartoum, Sudan, from 4 to 15 June 2008.
- Participated in Regional AFRA (IAEA) training course on participatory approaches, Khartoum, Sudan, from 18 to 22 March 2007.
- Participated in a workshop on Diagnosis of Brucellosis, organized by the Arab Organization for Agricultural Development, Khartoum, Sudan May 2006.
- Participated in IAEA training course in testing and calibration of laboratories using laboratory accredited according to ISO 17025 standards, Department of Radioisotopes, CVRLC, Khartoum, Sudan, 2006.
- Attended a practical training course in Molecular Biology and Biotechnology in the International Livestock Research Institute (ILRI), Nairobi, Kenya, October 2004 to January 2005.
- Participated in the workshop of brucellosis control organized by the Arab Organization for Agricultural Development, Ministry of Animal Resources and Fisheries, Department of Epizootic Disease Control, March 2004.
- Attended two courses in molecular biology held at the National Health Laboratory, Ministry of Health, Khartoum, Sudan. Levels II & I - 2002, 2003.
- Participated in "Contagious Diseases Surveillance and Vaccination" workshops, organized by the FAO of the UN in Khartoum and El Gazeera States, Sudan, 1997.



### Scientific Conferences:

- Participated in OIE Global Conference on Biological Threat Reduction, Strengthening the ability of public and animal health systems to prevent, detect and respond to all biological threats, 30 June – 2 July 2015, Paris, France.
- Participated in the Scientific Conference of Camel Research and Production (SCCRP), 17th to 18th April, 2013, Friendship Hall, Khartoum, Sudan.
- Participated in the Regional Seminar on the OIE Laboratory Twinning Programme: Concepts and Perspectives, Johannesburg, South Africa, 9 - 10 October 2012.
- Participated in the Fifth Brucellosis International Research Conference and present a paper about the OIE Twinning as a valuable concept for regional development of brucellosis, held in Buenos Aires, Argentina, from 21<sup>st</sup> to 23<sup>rd</sup> September 2011.
- Participated in the the International Congress on Pathogens at the Human-Animal Interface (ICOPHA), Impact, Limitations, and Needs in Developing Countries, United Nations Conference Center, Addis Ababa, Ethiopia, September 15-17, 2011.
- Participated in the MetaNET Project Thematic Scientific Conference on Brucellosis in SEE and Mediterranean Region organized by Ss. Cyril and Methodius University Skopje, Faculty of Medicine, and Faculty of Veterinary Medicine. Held in Ohrid, Macedonia, September 17-19, 2009. Presented a paper entitled: The leading role of the veterinary laboratories center in controlling brucellosis in Sudan.
- Participated in the international brucellosis research conference, University of London, United Kingdom, September 2008.
- Participated in the International Research Conference Including the 58th Brucellosis Research Conference Merida, Yucatan, Mexico, October, 15th to 19th, 2005.
- Participated in the COST International Conference Brucellosis in Small Ruminants will be held at the University of „St.Cyril and Methodius“, Faculty of Veterinary Medicine, Skopje, Republic of Macedonia, 28-30 November, 2005.
- Participated in the Brucellosis 2003 International Research Conference (including the 56th Brucellosis Research Conference) which was organized by the Faculty of Medicine, Department of Microbiology, University of Navarra. Held at the University of Navarra in Pamplona (Spain) on 15-17 September 2003.

## Publications:

- Ahmed Abdelsalam Abdallah, Abdelhamid Ahmed Mohamed Elfadil, **Enaam Mohamed El Sanousi** and Yassir Adam Shuaib, 2015. Seroprevalence and Risk Factors of Brucellosis in Sheep in North Kordofan State. IOSR Journal of Agriculture and Veterinary Science (IOSR-JAVS) e-ISSN: 2319-2380, p-ISSN: 2319-2372. Volume 8, Issue 1 Ver. I (Jan. 2015), PP 31-39.
- Mohamed EGS, AAM Elfadi and **Enaam, M. El Sanousi**, 015. Epidemiological study of brucellosis in camels (*Camelus dromedarius*) in Khartoum State, Sudan. Inter J Vet Sci, 4(1): 39-43.
- Hala Elrayah, A.; Huda, A. O; Yagoub, I. A. and **El Sanousi, Enaam, M** Survey of Brucellosis in Camels Intended for Export in North Kordofan State, Western Sudan. The Regional Conference of Camel Management and Production under Open Range System (RCCMPR), Khartoum-Sudan, 2nd -4th March 2015.
- Gumma, M.M.; H.M. Osman; M.M. Omer; **Enaam, M. El Sanousi**; G. Godfroid and A. M. Ahmed, 2014. Seroprevalence of brucellosis in sheep and isolation of *Brucella abortus* biovar 6 in Kassala State, Eastern Sudan. Scientific and Technical Review of the OIE, Volume 33 (3), December 2014.
- Solafa Zein El abdin, Tamador-ElkhansaaElnourAngara, AbdElhameed Ahmed Elfadil, **Enaam Mohamed El Sanousi**, Abdella Mohamed Ibrahim, 2014. Prevalence and Risk Factors of Ruminants Brucellosis in Jabel Aolia Locality, Sudan. Sudan Journal of Science and Technology (2014) 15(2): 60-72.
- **El Sanousi, Enaam M.**; Judy Stack, Taha, Abdelnassir and Maha Khogaly, 2014.OIE Laboratory Twinning Sudan-UK: An empowering initiative for local laboratories which had a remarkable outcome for the control of brucellosis in Sudan, Brucellosis 2014 International Research Conference, 9–12 September 2014, Berlin, Germany.
- Taha, Abdelnassir; Mona Osman Elhaj; **El Sanousi, Enaam, Mohamed** and Perrett, L.L., 2014. Epidemiological study in brucellosis in camels (*Camelus dromedarius*) in Central Sudan, Brucellosis 2014 International Research Conference, 9–12 September 2014, Berlin, Germany.
- Khogaly, Maha, I. And **El Sanousi, Enaam, M.** 2014. Validation of *Brucella* vaccines (S. 19 and Rev. 1) in Sudanese Camels (*Camelus dromedarius*), Brucellosis 2014 International Research Conference, 9–12 September 2014, Berlin, Germany.
- Taha, Abdelnassir, A., Muna O Elhaj and **El Sanousi, Enaam, M.**, 2013. Bacteriological and serological diagnosis of brucellosis in camels (*Camelus dromedarius*) in Sudan, the Scientific Conference of Camel Research and Production (SCCRP), 17th to 18th April, 2013, Friendship Hall, Khartoum, Sudan.
- Khogaly, Maha Ibrahim and **El Sanousi, Enaam, M.**, 2013. Control of brucellosis in camels (*Camelus dromedaries*) using *Brucella melitensis* Rev1 vaccine, the Scientific Conference of Camel Research

and Production (SCCRP), 17th to 18th April, 2013, Friendship Hall, Khartoum, Sudan.

- Mohamed E. Ahmed, Ibtisam A. Ali, **Enaam M. El Sanousi** and Imadeldin E. Aradaib, 2010. A clinical case of Aortic Root abscess caused by brucellosis: molecular diagnosis, surgical treatment and successful management, *The Cardiology*, 2010, Vol. 5, 1 -3.
- Brucellosis in Camels (*Camelus dromedarius*) in Darfur, Western Sudan, *Journal of Comparative Pathology*, 2008, Vol. 5, 1-5.
- M. T. Musa, **Enaam M. Elsanousi**, Tamador-Elkhansaa Elnour Angara and Adil Abdel Rahman Ali Ismail, 2008. Brucellosis a Challenge to Veterinarians in Africa: The Situation of the Disease in the Sudan. The First Scientific Conference of the Animal Resources Research Corporation, 2008, Khartoum Sudan.
- M. T. Musa and **Enaam M. Elsanousi**, 2008. Features of brucellosis in African livestock, The International Brucellosis Research Conference, 2008, Royal Holloway College, University of London.
- **Enaam M. ElSanousi** 2006. Molecular Characterization and Identification of *Brucella* species, PhD thesis, Faculty of Pharmacy, University of Khartoum, 2006.
- **Enaam M. ElSanousi**, M. T. Musa and Elsanousi, S. M. 2005. Identification *Brucella melitensis* isolates by specific and multiplex PCR in the Sudan. Applied Molecular Biology, International Research Conference for Brucellosis in Small Ruminants, Skopje, 28th-30th November 2005.
- **Enaam M. ElSanousi**, M. T. Musa and Elsanousi, S. M. 2005. Identification of camel brucellosis in Darfur State using Polymerase Chain Reaction specific primers. Proceedings of the International Research Conference Including the 58th Brucellosis Research Conference Merida, Yucatan, Mexico, October, 15th to 19th, 2005.
- Enaam M. ElSanousi 2004. Small Ruminant Brucellosis. Surveillance and diagnosis of animal Brucellosis workshop. The Arab Organization for Agricultural Development and the department of epizootic diseases control, the Ministry of Animal Resources and Fisheries, Sudan 7-11 March 2004.
- **Enaam M. ElSanousi** and Elsanousi, S. M. 2003. The effects of the some physical factors on the viability of *Brucella abortus* S.19 vaccine for the control of the disease in Sudan, the 56th International Brucellosis Research Conference, September 15-17, 2003. University of Navarra, Pamplona, Spain.
- **Enaam M. ElSanousi** 1999. Production of *Brucella abortus* S.19 vaccine using the bioreactor. Master Degree Thesis, Faculty of veterinary, University of Khartoum, 1999.

**Accepted but not yet published:**

- **Enaam Mohamed ElSanousi**, Ibtisam Ahmed Ali and Mohamed Elamin Ahmed. Brucellosis. Tropical Medicine Book, University of Medical Sciences and Technology, Sudan.

**Unpublished:**

- Huda Abdelmoneim Bakheit and **Enaam M. El Sanousi**. Production of Buffered Acidified Plate Antigen for serological diagnosis of Brucellosis in Sudan.

- Sayda El Safi, Husam Elshikh, Alfarazdeg Saad , **Enaam M. El Sanousi**, Nagwa El Amin. Case Report: The first case of visceral leishmaniasis co infected with both *Salmonella typhi* and *Brucella* species.
- Sayda El Safi, Husam Elshikh, Alfarazdeg Saad , **Enaam M. El Sanousi**, Nagwa El Amin, Salah Mohamed Ali, Abdalla Bashir, Mohamed Mohamed ali, Modther Morsal, Awad Hammad Malik, Ahmed Bashir, Atia Atia, Mohamed Bashir, Mohammed Issa, Mohamed elfateh Eljack, Alhabib Alhabib, Manar Abdel- Rahma, Harry van Loen, Barbara Barbe, Ninon Horie, Jan Jacobs, Marleen Boelaert and François Chappuis. Comorbidity of Neglected Tropical Diseases and other infections among patients presenting with persistent fever in eastern Sudan.
- Adil Abdel Rahman Ali Ismail, Tamador El Khansaa Elnour Angaraa, **Enaam M. El Sanousi**, Van Heerden H. Phenotypic and molecular characterization of *Brucella spp.* isolated in Sudan between 2005-2015.
- Elamir Gafar Saad Mohamed., **Enaam Mohamed El Sanousi** and Abdelhamid Ahmed Mohamed Elfadil Comparative evaluation of Rose Bengal Plate Test and Serum Agglutination Test in diagnosis of *Brucella* infection in camels in Khartoum State, Sudan.

## References

1. Professor **Mohamed Taha Shigidi**,  
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