

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



## CURRICULUM VITAE

**Dr. Hisham Ismail Seri Farah**

***(BVSc, MVSc, PhD)***

***Associate Professor of Pharmacology***

Department of Veterinary Medicine and Surgery

College of Veterinary Medicine

Sudan University of Science and Technology (SUST)

Khartoum North, P.O. Box 204

SUDAN

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## **1. Personal data**

### **1.1. Personal details**

Name : Hisham Ismail Seri Farah  
Date of birth : 20<sup>th</sup> July 1968.  
Place of birth : Shambat, Khartoum North, SUDAN  
Nationality : Sudanese  
Marital status : Married  
Academic title : Associate Professor

### **1.2 Specialization**

Major Specialization: Pharmacology  
Sub specialization: Chemotherapy

### **1.3 Current address:**

Sudan University of Science and Technology, College of Veterinary Medicine,  
Department of Animal Health and Surgery, P. O. Box: 204 Khartoum North,  
Sudan.

Tel: +249 129 356 040 (Cellular phone).

E - mail: [hishamseri@sustech.edu](mailto:hishamseri@sustech.edu)

## **2. Education**

### **2.1 Early education**

Primary school	Shambat Eastern Primary School	1974-1980
Intermediate school	Shambat Eastern Intermediate School	1980-1983
Secondary school	Khartoum North higher Secondary School	1984-1987

### **2.2 Higher education and qualification**

<b>Degree</b>	<b>Institution</b>	<b>Date of award</b>	<b>Field of study</b>
Post-doc.	TiHO- Germany	1 <sup>st</sup> August 2011 -1 <sup>st</sup> February 2012	Infection Biochemistry
Ph. D	U of K	10 <sup>th</sup> July 2006	Pharmacology
M. V. Sc.	U of K	30 <sup>th</sup> May 1999	Pharmacology
B. V. Sc.	U of K	14 <sup>th</sup> February 1993	Veterinary Science

### 2.2.1 Grades and cumulative average of degrees awarded

Degree	Credits
<b>B.V.SC</b>	Scored <b>merits</b> in <b>4</b> out of <b>15</b> major subjects (General Chemistry and Introductory Biochemistry, Animal Husbandry, Genetics and Animal breeding, Preventive Medicine and Veterinary Public Health.

### 2.2.2 Thesis

1. Some Pharmacological aspects of the vermicide Doramectin and Physiological profile of donkeys in Sudan. *Ph. D. Thesis*, College of Graduate Studies, University of Khartoum.
2. Some Pharmacotoxic aspects of Ivermectin in the camel “*Camelus dromedarius*”. *M. V. Sc. Thesis*, College of Graduate Studies, University of Khartoum.

### 2.3 Other training courses and workshop attended

#### 2.3.1 Professional Courses

1. Participation in the 2<sup>nd</sup> international workshop on molecular immunology and drug discovery, Khartoum Sudan, July 11-15, 2010. Jointly organized by the Medicinal and Aromatic Plants Research Institute (MARPI) and International Centre for Chemical and Biological Sciences (ICCBS), Karachi University, Pakistan.
2. Diploma of Statistics and Experimental Design, Animal Production Research Centre (APRC) Khartoum North, Kuku, Sudan, June 2003.
3. Training workshop on Tsetse and Trypanosomiasis surveillance and control. Ministry of Animal Resources in cooperation with FAO. Sudan, Khartoum 28 July to 11 August 2001.

#### 2.3.2 Educational Courses

1. Diploma of Computer Science, Multitech Engineering Company, Khartoum, Sudan, September 1998.

2. Diploma of Quality Assurance and Accreditation (Concepts of Quality Assurance and Accreditation Systems, and Standards of Accreditation of Higher Education Institutes) 23-24 March 2010. Sudan University of Science and Technology.
3. Diploma of Advanced Training Course in Development of Administrative Skills and Capacity Building. 12-23 June 2011. University Staff performance development centre. Sudan University of Science and Technology.
4. Diploma of Basic Training Programme for the Developing the Professional Performance of the University Staff. 3<sup>rd</sup> -14<sup>th</sup> June 2012. University Staff performance development centre. Sudan University of Science and Technology.

### 3. Employment

#### 3.1 Academic ranking

**Associate Professor of Pharmacology and Toxicology:** Department of Veterinary Science, Hamelmalo Agricultural College, **Eritrea** (March 2015-February 2016) “Sabbatical leave”.

**Visiting Associate Professor of Pharmacology:** Department of Veterinary Science, Hamelmalo Agricultural College, **Eritrea** (9<sup>th</sup> December 2014-1<sup>st</sup> of March 2015).

**Associate Professor of Pharmacology:** Department of Veterinary Medicine and Surgery, College of Veterinary Medicine, Sudan University of Science and Technology, **Sudan** (1<sup>st</sup> January 2010 – to date).

**Research associate** (Post-doctoral studies) at the Institute of Physiological Chemistry, University of veterinary Medicine Hannover Foundation (TiHO), **Germany** (1<sup>st</sup> August 2011 – 1<sup>st</sup> February 2012)

**Associate Professor:** Department of Clinical Studies, Faculty of Veterinary Science, Nyala University, Nyala, **Sudan** (16<sup>th</sup> January 2009 – 31<sup>st</sup> December 2009)

**Research Associate:** Institute of Physiological Chemistry, University of Veterinary Medicine (TIHO) Hannover, **Germany** (1<sup>st</sup> June 2005 – 1<sup>st</sup> December 2005).

**Assistant Professor:** Department of Clinical studies, Faculty of Veterinary Science, Nyala University, Nyala, **Sudan** (15<sup>th</sup> November 2005- 15<sup>th</sup> January 2009)

**Lecturer:** Department of Clinical studies, Faculty of Veterinary Science, Nyala University, Nyala, **Sudan** (30<sup>th</sup> May 1999 – 14<sup>th</sup> November 2005)

**Teaching Assistant:** Department of Clinical studies, Faculty of Veterinary Science, Nyala University, Nyala, **Sudan** (12<sup>th</sup> May 1994 – 30<sup>th</sup> May 1999).

### **3.2 Administrative appointments at SUST**

**Head Department of Publication:** Scientific Research Deanship, Sudan University of Science and Technology (1<sup>st</sup> of March 2014-to date).

**Head Department of Research Projects:** Scientific Research Deanship, Sudan University of Science and Technology (1<sup>st</sup> of August 2013-to March 2014).

**Head Department of Animal Health and Surgery:** College of Veterinary Medicine, Sudan University of Science and Technology (1<sup>st</sup> March 2012-January 2013).

#### **Duties Included:**

##### **Academic duties**

- Curriculum development and syllabus design.
- Teaching theoretical and practical classes for undergraduate students.
- Supervising postgraduate students in their M. Sc. And Ph. D projects.
- Conducting and leading research projects.
- Assessment and evaluation of scientific research projects.
- Publication and review of scientific articles and reviews.
- Participation in local, regional and international scientific conferences.
- Contribution in the national and public health concerns (e.g. Veterinary Drugs Committee, Drugs International day...etc)



- Offering consultations and technical assistance for the public and private sectors.
- Supervising journals publication (both printed and electronic formats)

#### **Administrative duties**

- Contribution in service to the betterment of the College, University, local communities and country.
- Supervision and follow up of research projects and submitting reports.
- Working with chief-editors for the development of scientific journals
- Indexing of University journals in international and regional indexing corporations.

### **4. Scholarships and awards**

#### **4.1 Scholarships**

1. Recipient of German Academic Exchange Service (Deutscher Akademischer Austausch Dienst /**DAAD**) (Germany) Fellowship to pursue a research project dealing with: Pharmacological enhancement of the antimicrobial capabilities of phagocytes using *Guarea kunthiana* A. Juss. (Meliaceae) extracts. 1<sup>st</sup> August 2011- 31<sup>st</sup> January 2012.
2. Recipient of German Academic Exchange Service (Deutscher Akademischer Austausch Dienst /**DAAD**) (Germany) Fellowship to pursue a research project dealing with analyzing blood biochemical constituents of donkeys serum: the research topic entitled: Reference Values on serum biochemical parameters of Sudanese Donkey (*Equus asinus*) Breed. 1<sup>st</sup> June. 2005- 1<sup>st</sup> December 2005.
3. Recipient of The German Academic Exchange Service (Deutscher Akademischer Austausch Dienst / **DAAD**) in country scholarship for studies at the University of Khartoum (Ph.D. Pharmacology).
4. Recipient of Sudan government, Ministry of Higher Education, scholarship to study M. V. Sc at University of Khartoum (Sudan) Sep.1996-May1999.

## 4.2 Awards

1. Awarded University prize for the best final year student in Preventive Medicine and Animal Public Health.
2. Awarded the Agricultural Bank prize for the best final year student in Preventive Medicine and Animal Public Health.

## 5. Teaching experience

Since 1999 teaching Pharmacology, Toxicology and Forensic medicine in the following institutes:

### Institutions

#### A. Inside Sudan

1. Sudan University of Science and Technology.
2. University of Nyala
3. Nyala University.
4. Upper Nile University
5. West Kordofan University.
6. Imam Mahdi University

#### B. Outside Sudan

1. Hamelmalo Agricultural College, Keren, Eritrea

### 5.1.1 Courses taught

#### 1 Undergraduate Courses

At Department of Veterinary Sciences, Hamelmalo Agricultural College, Eritrea

No.	Course title	College	Level
1	Pharmacology I	HAC/VTSC	3 <sup>rd</sup> DG
2.	Pharmacology II	HAC/VTSC	3 <sup>rd</sup> DG
3	Basic Veterinary Pharmacology and Toxicology	HAC/VTSC	2 <sup>nd</sup> DP
4	Toxicology	HAC/VTSC	3 <sup>rd</sup> DG

Abbreviations DG= Degree programme BSC, DP= Diploma programme

## At Sudan University of Science and Technology

No.	Course title	Faculty	Level
1	Pharmacology I & II	CVM	4 <sup>th</sup>
2	Toxicology and Forensic Medicine	CVM	5 <sup>th</sup>

CVM= College of Veterinary Medicine

## At other Universities (in Sudan)

No.	Course title	University	Faculty	Level
3	Pharmacology	Nyala	FVS	4 <sup>th</sup>
4	Toxicology and Forensic Medicine	Nyala	FVS	5 <sup>th</sup>
5	Pharmacology I &II	UNU	FVS	4 <sup>th</sup>
6	Pharmacology I & II	UWK	FVS	4 <sup>th</sup>
7	Pharmacology	IMU	FMHS	2 <sup>nd</sup> , 3 <sup>rd</sup>

**Abbreviations:** UNU= Upper Nile University, UWK= University of Western Kordofan, CVM= College of Veterinary Medicine, FVS= Faculty of Veterinary Science. IMU= Imam Mahdi University, FMHS= Faculty of Medicine and Health Sciences.

### 5.1.2 Post-graduate Courses

No.	Course title	Program	University	Faculty
1	Enzymes	M. Biochemistry	U. of K.	FVM

FVM= Faculty of Veterinary Medicine

## 6. Examination and assessment

### 6.1 Undergraduate examination

#### External Examiner:

Served as an external examiner for undergraduate students, the evaluation includes: Syllabus, exams and students conduct.

No.	Course title	University	Faculty	Level
1	Pharmacology	Khartoum	FVM	4 <sup>th</sup> year

FVM= Faculty of Veterinary Medicine

## 6.2 Postgraduate students supervision and examination

### 6.2.1 Examination

#### (a) Ph D examination

Served as an assessor and examiner for Ph D thesis written by the following student and submitted to the graduate college at:

#### Gezira University

1. Abdelrahim Ahmed Eldaw Fadl (2014). Cystic Echinococcosis Affecting Food-producing Ruminants and dogs in Tamboul: Epidemiological Approach and Molecular Diagnosis, Gezira State, Sudan (2009-2013). Ph.D. (Parasitology) thesis.

#### (b) MVM, MV Sc, and M Sc examination

Served as an assessor and examiner for MVM, MV Sc, and M. Sc theses written by the following students and submitted to the graduate college at:

#### Sudan University of Science and Technology

2. Abdelrahim Abdellah Adam Mohammed (2014). Comparative efficacy, Persistent effect, and Treatment intervals of Anthelmintics in Naturally Infected Donkeys (Pharmacology).
3. Bilal Mohamed Hamad Elkhair (2014). Normal and Abnormal Body Conformation of Draught Donkeys (*Equus Sinus*) in Tamboul Area, Sudan, (Equine lameness, Surgery).
4. Rasha Mohamed Mohamed Osman Ahmed (2014). Some pharmacolotoxic aspects of simultaneous administration of a sulphonamide and diminazene aceturate in donkeys (Pharmacology).
5. Suleima Mohammed Ali Elmekki (2014). Trials on the Use of Gum Arabic for the Treatment of Experimentally Induced Hyperlipemia in Donkeys (*Equus asinus asinus*) (Pharmacology).

6. Nihal Hassan Ahamed Ismail (2014). Some Pharmacotoxic Aspects of Ivermectin Injectable Formulation in Donkeys (*Equus asinus*) (Pharmacology).
7. Yagoub Mohammed Mustafa Yagoub (2013). The Influence of Storage Conditions on Stability of Selected Veterinary Products in Khartoum State, Sudan. M. V. M. (Pharmacology) Thesis.
8. Mohamed Ismail Mohamed Fangama (2013). Some Pharmacological Aspects of a Macrolide Anthelmintic Against Donkeys' Gastrointestinal Parasites. M. V. M. (Pharmacology) Thesis.
9. Afaf Mohammed Mohammed Salih (2012). Bovine Mastitis: the Causative Agents and the Antimicrobial Susceptibility. M. V. M. (Microbiology) Thesis.
10. Juma Ahmed Abaker Ahmed (2012): Evaluation of Some Anaesthetic Protocols used for Induction of Anaesthesia in Sudanese Local Donkeys (*Equus asinus*). Complementary dissertation. M.V. M. (Anaesthesiology) Complementary dissertation.

### **Sudan Academy of Sciences**

11. Hajer Ibrahim Ishag Osman (2014). Mineral Profile of Soil, Forage, Water and Plasma and Milk of Sheep and Goats in Nyala, South Darfur State, Sudan. M. Sc (Biochemistry) Sudan Academy of Sciences.

### **University of Khartoum**

12. Rufida Mohammed Ahmed (2014) Comparative Plasma Concentration and Efficacy of Two Different Formulations of Ivermectin against Experimental *Haemonchus contortus* Infection in Goats. M.V.M. (Pharmacology) thesis.
13. Ibrahim Osman Ahmed Ali (2013). Reference Biochemical Values of Race Horses in Khartoum State, Sudan. M.V. M. (Biochemistry) Complementary dissertation.

14. Nagmeldin Abdelwahed Omer (2010). The Effect of Feeding Gum Arabic on Serum Total and Lipoproteins Cholesterol in Hypercholesterolemic Rats. M. Sc. (Biochemistry) Complementary dissertation.

### **Elneelain University**

5. Tarig Abd Elhady Ali Elshaikh (2011). An HPLC Method for Estimation of HbA1c with Variation of HbA1c and Glucose Level among Diabetes Mellitus Patients. M. Sc. (Biochemistry) thesis.
6. Samia Daud Mahdi (2010). The effect of Iodine Metabolism on Hepato-Renal Function and Reproductive Hormones. M. Sc. (Biochemistry) thesis.

### **University of Nyala**

7. Hafsa Adam Musa (2012). Some Pharmacotoxic Aspects of Injectable Formulation of Oxytetracycline Therapy in Association with/without Stress in Donkeys (*Equus asinus*). M. V. Sc. (Pharmacology) thesis.
8. Mohamed Abdalla Abd elnaiem Radi (2010). Some Pharmacological Aspects of Thiopentone sodium with or without Premedication in Donkeys (*Equus asinus*). M. V. Sc. (Pharmacology) thesis.
9. Nasr Eldin Khogali Ahmed (2008). Epidemiology of Donkey Parasites Based on Post-mortem Examination in Nyala Town. M. V. Sc. (Parasitology) thesis.
10. Abd alhakaim Abd Allaha Hessain Abd Al Malaik (2008). Epidemiology of Gastrointestinal Nematodes of Sheep and Goats in Tulus area, South Darfur, Sudan. M. V. Sc. (Parasitology) thesis.
11. Omer Adam Omer El Tom (2007). Effect of Processing and Storage Conditions on the Physicochemical Properties of Peanut (*Arachis hypogaea* L.) oil. M.Sc. (Chemistry) thesis.
12. Mohammed Ahmed Mohammed Omer (2007). Biochemical and Microbiological study on *Furundu* Derived from Sprouted Roselle (*Hibiscus sabdariffa* L.) Seed. M.Sc. (Chemistry) thesis.

## 6.2.2 Supervision

### (a) Awarded M. Sc

#### Sudan University of Science and Technology

1. Abdalla Ibnomar Abdalla Baher (2014). Study on Colic in Draught Horses and Donkeys in Nyala City, South Darfur state, Sudan. (Co-supervisor) (Medicine and Therapeutics).
2. Abdelrahim Abdellah Adam Mohammed (2014). Comparative efficacy, persistent effect, and treatment intervals of anthelmintics in naturally infected donkeys (Pharmacology).
3. Bilal Mohamed Hamad Elkhair (2014). Normal and Abnormal Body Conformation of Draught Donkeys (*Equus Sinus*) in Tamboul Area, Sudan, (Equine lameness, Surgery).
4. Rasha Mohamed Mohamed Osman Ahmed (2014). Some pharmacological aspects of simultaneous administration of a sulphonamide and diminazene aceturate in donkeys (Pharmacology).
5. Suleima Mohammed Ali Elmekki (2014). Trials on the Use of Gum Arabic for the Treatment of Experimentally Induced Hyperlipemia in Donkeys (*Equus asinus asinus*) (Pharmacology).
6. Nihal Hassan Ahamed Ismail (2014). Some pharmacotoxic aspects of ivermectin injectable formulation in donkeys (*Equus asinus*) (Pharmacology).
7. Ahmed Gaffer Ahmed Buldan (2013). Monitoring of hyperlipaemia in donkeys (M. V. M. in Medicine and Therapeutics).
8. Yagoub Mohammed Mustafa Yagoub (2013). The influence of storage conditions on stability of selected veterinary products in Khartoum state, Sudan (M. V. M. in Pharmacology).
9. Mohamed Ismail Mohamed Fangama (2013). Some Pharmacological aspects of a macrolide anthelmintic against donkeys' gastrointestinal parasites (M. V. M. in Pharmacology).

10. Juma Ahamed Abaker Ahamed (2012). Evaluation of some anaesthetic protocols used for induction of anaesthesia in Sudanese local donkeys (*Equus asinus*) (M. V. M. in Surgery and Anaesthesiology).

#### **University of Khartoum**

11. Ibrahim Osman Ahmed Ali (2013). Reference biochemical values of race horses in Khartoum State, Sudan (M. V. M. Biochemistry).
12. Sawsan Mohammed Ahmed Imam (2010). Clinical and Pharmacological investigation of Benzimidazoles anthelmintics against donkeys' worm infestation. M. Sc. thesis submitted to the Graduate College, University of Khartoum. (M. V. M. In Pharmacology). Supervisor: Prof. Tigani Hassan.

#### **University of Nyala**

13. Mohamed Abdalla Abd elnaiem Radi (2010). Some pharmacological aspects of Thiopentone sodium with or without premedication in donkeys (*Equus asinus*). M. V. Sc. in Pharmacology.
14. Hafsa Adam Musa (2012). Some pharmacotoxic aspects of injectable formulation of oxytetracycline therapy in association with/without stress in donkeys (*Equus asinus*). M. V. Sc. in Pharmacology.

#### **(b) Still working**

##### **Ph. D students**

1. Idris Breima Gad elkarim Breima (2014- ). Prevalence, risk factors assessment and prophylactic measurements of helminths infestation in draught equines in West Kordofan State. (Preventive Medicine)
2. Sawsan Mohamed Ahmed Imam (2013- ). Therapeutic measurements for the treatment and control of Strongylosis infestation in draught donkeys (*Equus asinus*). (Pharmacology).
3. Mohammed Ahmed Hassan Ghurashi (2013- ). Comparison of 3 total intravenous anaesthetic infusion combinations in donkeys. (Anaesthesiology), (Co-supervisor).



## **M. Sc students**

4. Amal Abo Elgasem Elzubair (2013- ). Clinical and Pharmacological observations on the use of diazepam, and thiopentone sodium combination in donkeys (*Anaesthesiology*).
5. Sabah Hassan A/Gadir (2014- ). In use stability of Tylosin injection formulation in Khartoum State, Sudan. M.V.P.T. complementary dissertation.
6. Reem Omer Mohieldeen Gaily (2014- ). In use stability of Quinapyramine Pro-salt injection formulation in Khartoum State, Sudan. M.V.P.T. complementary dissertation.
7. Rehab Ismail Elhaj Yousef (2014- ). Minerals Profile of Donkeys (*Equus asinus*) in El Fashir, North Darfur State, Sudan. M. Sc. Biochemistry, complementary dissertation.
8. Manal Ibrahim Hussien Mohammed (20140 ). Blood metabolites profile of donkeys (*Equus asinus*) in Elfashir, North Darfur State, Sudan. M. Sc. Biochemistry, complementary dissertation.

## **7. Research**

### **7.1 Research interest**

1. Chemotherapy of equine helminths.
2. Drug toxicity
3. Drug stability
4. Clinical biochemistry

### **7.2 Proficiency in Laboratory techniques and analysis**

#### **7.2.1 Novel treatment strategies to boost the host immune system**

1. Isolation of human and bovine neutrophils
2. Stimulation of neutrophils with plant extracts to test inflammatory responses such as phagocytosis, degranulation, oxidative burst and NETs formation.

3. Test cytotoxicity of plant extracts.

### 7.2.2 Chemotherapy

1. Isolation, identification and characterization of helminths of equine.
2. Clinical and laboratory diagnosis of parasitic helminths.

### 7.2.3 Drug stability studies

1. Testing drugs for in-use and/or real-time stability for chemical and physical properties using HPLC, pH meter and spectrophotometry.

### 7.2.4 Clinical biochemistry

1. Spectrophotometer methods for detection of different blood biochemical metabolites.
2. Radio immune assay (RIA) for detection of hormones.
3. Lipid extraction and quantification (Phospholipids extraction, HPLC).

## 7.3 Current research activities

Working as a project leader for research projects entitled:

- **The significance of studying phospholipids and fatty acid composition in the diagnosis and control of equine hyperlipaemia**

The project will present information on the significance of studying phospholipids and fatty acids composition in the diagnosis of equine hyperlipaemia. We also focus on gaps in our knowledge about the appropriate treatment protocols that could be maintained to control and minimize the risk of hyperlipaemia in donkeys (2 M. Sc. Students enrolled in the project) (Received fund from Scientific Research Deanship, SUST).

- **Some pharmacotoxic aspects of ivermectin injectable formulation in donkeys (*Equus asinus*).**

The project will present information on the possible toxic and side effects of higher doses of ivermectin injectable formulation in donkeys. Animals are to be subjected to stress factors such as fasting and/or heavy helminths parasitic infestations and will be monitored for changes in blood constituents. (One M.Sc.

student enrolled in the project) (Received fund from Ministry of Higher Education, Sudan).

- **Evaluation of some selected intravenous anaesthetic protocols for use in donkeys**

The project will present information on the suitable anaesthetic protocols that could be used under field conditions pertaining to surgical intervention in donkeys and the suitable pre-anaesthetic medication to be administered and the side and/or adverse effects, if any. We also focus on gaps in our knowledge about the appropriate treatment protocols that could be maintained to control and minimize the risk of injectable anaesthesia in donkeys. (Two M.Sc. and one Ph. D. Student enrolled in the project)

- **Comparative efficacy, persistent effect, and treatment intervals of anthelmintics in naturally infected donkeys**

The main problems which affect donkeys' health in Sudan are helminths infestation especially in remote areas. The question should be raised in this respect is that how the owners protect their animals for determined period from helminths? To address this problem in the absence of information concerning persistent effect of anthelmintics suitable for tropical and subtropical conditions justify evaluation of the commonly used anthelmintics under field conditions in the proposed study. (One M.Sc. student and two Ph. D. Student enrolled in the project)

## **7.4 Research Outputs**

### **7.4.1 Original Scientific Achievements**

It was first time to report the following

(1) From **DAAD fellowship TIHO Hannover (Germany)**:

- i. The quantification of major phospholipids classes of donkey's serum using an HPLC method with evaporative light scattering detector.

(2) From **PhD study at U of K**:

- i. Testing therapeutic efficacy of Doramectin in donkeys.
- ii. Estimating reference values on serum biochemical parameters of Sudanese Donkey (*Equus asinus*) Breed.

(3) From **DAAD postdoctoral fellowship TIHO Hannover (Germany):**

- i. Enrofloxacin enhances the formation of neutrophil extracellular traps in bovine blood-derived granulocytes.
- ii. *Guarea kunthiana* bark extract enhance the antimicrobial activities of human and bovine neutrophils.

## 8. Curriculum Development and review

1. Participated in the workshop of Veterinary Medicine curriculum development organized by University of Gezira, Wad Medani-Sudan (19<sup>th</sup> April 2012).

## 9. Journals Reviewer and editorial board membership

Editorial board member and reviewer of the following Journal(s):

1. Asian Journal of Animal and Veterinary Advances (Both)
2. Asian Journal of Animal Sciences (Both)
3. International Journal of Pharmacology (Both)
4. Journal of Pharmacology and Toxicology (Both)
5. Research Journal of Veterinary Science (Both)
6. Sudan Journal of Science and Technology (Only Reviewer)
7. SUST journal of Agricultural and Veterinary Sciences (Only reviewer)

\* Manuscripts reviewed were in the fields of ***Pharmacology, Anaesthesiology, Clinical biochemistry, Biochemistry, Pharmacy.***

## 10. Services and administrative responsibilities

### 10.1 National Medicines and Poisons Board

1. Member of the Veterinary Drugs Registration Committee

### 10.2 In Sudan University of Science and Technology

1. Member of the **University senate.**

#### 10.2.1 Scientific Research Deanship

1. Head of the Department of Scientific Research Projects (1<sup>st</sup> August 2013-15<sup>th</sup> March 2014).
2. Head of the Department of Publishing and information (16<sup>th</sup> March 2014-up to date).

### 10.2.2 College of Veterinary Medicine

1. Head department of Clinical Studies, College of Veterinary Medicine, Sudan University of Science and Technology. **Sudan**. 1<sup>st</sup> March 2012- 31<sup>st</sup> January 2013.

Contributed to the betterment of the Faculty through the following services

1. Member of the **department board**
2. Head of the **department board**
3. Member of the **College board**

### 10.3 In University of Nyala

2. Member of the **University senate**
3. Member of the **University council** 2007 to 2009.
4. Member of the **University examination committee** October 2007 to 2009.
5. Member of the **committee** that established and constituted the **academic regulations** of faculty of Economic and commercial studies.
6. Member of the **committee** that established and constituted the **academic regulations** faculty of Technical studies.
7. Head of the **examination committee** (2000 – 2002) of the faculty of Technical studies.

#### 10.3.1 Faculty of Veterinary Science

Contributed to the betterment of the Faculty through the following services

- 1 Member of the **department board**
- 2 Head of the **department board**
- 3 Member of the **faculty board**
- 4 Member of the **examination** committee
- 5 Head of the **regulations reform** committee
- 6 Member of the **first year students' interview** committee

- 7 Head of the department of Clinical studies (several periods).
- 8 Acting head Department of Anatomy, Faculty of Veterinary Science, University of Nyala, October 1999 to October 2000.
- 9 Supervisor for the students "Clinical Studies Society" 1999-2002.

## 11. Invited talks

### 11.1 Professional Talks

1. Abakar, A.D and **Seri, H.I** (2002): Evaluation and assessment of training program for basic education teachers, in the occasion of the second conference for assessment of Federal Educational Policies, State Ministry of Education, Southern Darfur State, Nyala.20-28 March, 2002.
2. Nationalism education in confrontation with the humanitarian values. Paper presented as contribution in the 2<sup>nd</sup> regional workshop of evaluating educational policies. Ministry of education. Nyala 20-28 March 2002.
3. Drugs from different points of view (health, psychological, religious and legal). International day for control of drugs. National drug committee in collaboration with university of Nyala 30<sup>th</sup> June 2001.

### 11.2 Public Talks

4. Alcohol and its impact on the society. National drug committee in collaboration with Leaders academy for computer and languages 26<sup>th</sup> June 2001.

## 12. Membership

### 12.1 In international organizations

1. Member of the International Society of Camelids Research and Development (ISOCARD).

### 12.2 In local organizations

2. The Sudanese Veterinary Medical Association (Khartoum, Sudan)
3. Sudan Veterinary Council (Khartoum, Sudan).

4. Representative of the students in the Internal Admission Committee (University of Khartoum) 1990-1991.
5. Representative of the students in the Senate (University of Khartoum) 1990-1991.
6. Member of the executive committee Khartoum University Students Union (KUSU) (University of Khartoum), Academic Affairs Secretary 1990-1991.
7. Member of the executive committee Shambat Students Association (University of Khartoum), Cultural Affairs Secretary 1989-1990.
8. Member of the executive committee Veterinary Students Association (University of Khartoum), deputy Social Affairs Secretary 1988-1989.

### **13. Conferences, workshops, symposia and seminars participation and attendance**

#### **13.1 Conference Participation**

Participated in **ALL** of the following conferences and scientific meetings by oral and/or poster presentation:

##### **3.1.1 International**

1. 20<sup>th</sup> Meeting of the Section of Physiology and Biochemistry, 17<sup>th</sup> - 18<sup>th</sup> February 2012, Ludwig-Maximilians Universtat Munceln Tierarztliche Fakultat. **Germany**.
2. *Deutecher Tropentag 2006* (International conference on research for development in Agriculture and Forestry, Food and Natural Resources Management), **October 11-13, Bonn, Germany**.
3. International Twin Conference. Reproduction /Production in camelids. Molecular /Comparative Reproduction. Charleston /South Carolina **USA**. October 13/2001.

##### **13.1.2 Regional**

1. Attending and participation in the **14<sup>th</sup>** Scientific Congress. Faculty of Veterinary Medicine. Assiut University. **Egypt**, Assiut 30 November-2 December 2010.

2. Participation in the **13<sup>th</sup>** Scientific Congress. Faculty of Veterinary Medicine. Assiut University. **Egypt**, Assiut 23-25 November 2008.
3. Attending and participation in the **12<sup>th</sup>** Scientific Congress. Faculty of Veterinary Medicine. Assiut University. **Egypt**, Assiut 10-12 December 2006.
4. Participation in the **11<sup>th</sup>** Scientific Congress. Faculty of Veterinary Medicine. Assiut University. **Egypt**, Assiut 5-7 December 2004.
5. Participation in the Egyptian Society for Cattle disease **7<sup>th</sup>** Congress. Faculty of Veterinary Medicine. Assiut University. **Egypt**, Assiut 7-9 December 2003.
6. Attending and participation the **2<sup>nd</sup>** International Poultry Conference. Al Baath University. Faculty of Veterinary Medicine. Hama, **Syria**. 20-23 October 2003.
7. Attending and participation in the **10<sup>th</sup>** Scientific Congress. Faculty of Veterinary Medicine. Assiut University. **Egypt**, Assiut 17-19 December 2002.

### **13.1.3 Local**

8. Attending and participation in the Regional Scientific Conference of Camel Management and Production Under open Range System. 2<sup>nd</sup>-4<sup>th</sup> March 2015. Khartoum, Sudan.
9. Attending 1<sup>st</sup> Conference of Drug Monitoring Authorities in Sudan and Neighbouring Countries. Friendship Hall 6-8<sup>th</sup> of December 2014. **Khartoum, Sudan**.
10. Attending “Eco-peace for Natural Resources Development Continuum”. Jointly organized by the DAAD Alumni Association Sudan and DAAD Alumni Association Kordofan. University of Kordofan, **El Obeid Sudan**. 12.11.2014.
11. Attending and participation in the symposium on: Control of Veterinary Drug Residues in Food Derived from Animals. Organized by: National



- Medicines and Poisons Board in collaboration with Ministry of Animal Resources and Fisheries. 26<sup>th</sup> -27<sup>th</sup> May 2013. **Khartoum**, Sudan.
12. Attending and participation in the Second conference for Assessment of Federal educational Policies. State Ministry of Education, **Nyala**, South Darfur State. **Sudan**. 20-28 March 2002.
  13. Attending and participation in the Seminar on studying the basis of reactivation of Khartoum University Students Union (KUSU). 12<sup>th</sup> – 13<sup>th</sup> February 2002. Sharjah Hall. **Khartoum, Sudan**.
  14. Attending and participation in the Final evaluation workshop of Sudan Village Concept project II (1998-2000). **Sudan, Khartoum** 18-19 September 2001.
  15. Attending the workshop of phase II of Camel Applied Research Development Network (CARDN). Ministry of Animal Resources in cooperation with ACSAD. **Sudan, Khartoum** 6-11 January 2001.

### **13.2 Conference Sessions Chairmanship and editorial committee**

1. Member of the Organizing Committee of the Regional Scientific Conference of Camel Management and Production under Open Range System. 2<sup>nd</sup>-4<sup>th</sup> March 2015. Khartoum, Sudan.
2. Member of the Scientific Committee and Editor of the Abstracts Book of the Regional Scientific Conference of Camel Management and Production under Open Range System. 2<sup>nd</sup>-4<sup>th</sup> March 2015. Khartoum, Sudan.
3. Chaired a session in 14<sup>th</sup> Cong. 2010 Faculty of Veterinary Medicine. Assiut University, Egypt. 30 November-2 December 2010.
4. Head of the editorial committee of the proceedings of: Conference on Darfur Women Speak out for Peace. Nyala, South Darfur State November 9-11<sup>th</sup>, 2009. United Nations Development Fund for Women (UNIFEM) in collaboration with Peace and community development centre **University of Nyala**.



## 14. List of publications

Peer reviewed Journal and Conference proceedings (\*)

**2000**

1. **Hisham, I. S. F.** (2000). Some Pharmacotoxic aspects of Ivermectin in the camel "*Camelus dromedarius*". In: ***The one – humped camel “Camelus dromedarius” in the Sudan Annotated Bibliography (1905-2000)***. Ali A. Majid (Edi.) July 2000, 2<sup>nd</sup> edition. National Coordinator camel applied research and development Network Animal Resources Research Corporation. Abstract pp 52.
2. **Seri, H. I.**, H.M. ElBashir, O. F. Idris, T. Hassan, O. Z. Baraka (2000). Effect of Ivermectin on Progesterone Profile in the Camel "*Camelus dromedarius*". ***Sud. J. Vet. Res.*** Vol. 16: 17-22. \*

**2001**

3. O.F. Idris, **Seri, H. I.**, A. A. Elsadig T. Hassan, O.Z. Baraka (2001). Some Biochemical Aspects of Ivermectin "Ivomec" subcutaneously administered to Camels "*Camelus dromedarius*". ***Sud. J. Vet. Sc. Anim. Husb.*** 40(1&2): 141-146.\*
4. **Seri, H. I.**, T.O.A/Mageed, O.A.A/Salam (2001). Some haematological changes in camels "*Camelus dromedarius*" following subcutaneous injection of ivomec. ***Sud. J. Vet. Sc. Anim. Husb.*** Vol. 40(1&2): 157-161.\*
5. **Seri, H. I.**, M. A. Barsham, T. Hassan, O.Z. Baraka, O. A. A/Salam (2001). Some Biochemical Changes of Ivermectin "Ivomec" Intravenously Administered to Camels "*Camelus dromedarius*". ***Sud. J. Vet. Sc. Anim. Husb.*** 40(1&2): 162-168.\*

**2002**

6. **Seri, H. I.**, M. A. Barsham , O. F. Idris , T.O.A/Mageed, H.M. ElBashir, A. A. Elsadig (2002). 5' - Nucleotidase (5' - NT) in Serum of Some Animal Species in Sudan. ***Sud. J. Vet. Res.*** Vol. 17 : 117-120. \*

7. M. A Barsham, O. F. Idris, **Seri, H. I.** (2002). Role of iodine and selenium in the reproduction of camel. International Twin Conference. Reproduction /Production in camelids. Molecular /Comparative Reproduction. Charleston /South Carolina USA. October 13/2001. ***Advances in Reproduction***, Volume VI issues 1, 2. pp 48-50. (Cited by 1)\*
8. H. M. ElBashir, O. F. Idris, Y. H. Abdalla, Amna E. Babiker, A. A. Elsadig, **Seri, H. I.** (2002). The use of serum progesterone profile to monitor the reproductive activity of the camels (*Camelus dromedarius*). International Twin Conference. Reproduction /Production in camelids. Molecular /Comparative Reproduction. Charleston /South Carolina USA. October 13/2001. ***Advances in Reproduction***, Volume VI issues 1, 2. pp 94-95. \*
9. **Seri, H. I.**, Idris, O. F., H. M. ElBashir, M. A. Barsham, A. A. Elsadig (2002). Misuse of Antitrypanosomal drugs and their impact on reproductive performance of camel. ***Proceedings of 10<sup>th</sup> scientific congress***. Faculty of Veterinary Medicine. Assiut University. Egypt, pp. 247-252. \* (Cited by 2)

## 2003

10. **Seri, H. I.**, A. D. Abakar, Suleima M. A. (2003). Chemotherapy of poultry coccidiosis: state and perspectives. ***2<sup>nd</sup> International Poultry Conference***. Al Baath University. Faculty of Veterinary Medicine. Hama. Syria. 20-23 October 2003.\*
11. Abakar, A.D., **Seri, H. I.**, Ismail, A. A. (2003). The effect of anthelmintic treatment on internal parasites in communally grazes sheep, as reflected in the faecal nematode egg count in South Darfur State of Sudan. ***Proceedings of the 7<sup>th</sup> Sc. Cong. Egyptian Society for Cattle Diseases*** 7-9 Dec. 2003, Assiut, Egypt. Pp. 148-152. \*
12. **Seri, H. I.**, A. D. Abakar, O. F. Idris (2003). A note on camel toxoplasmosis in the Sudan. ***Proceedings of the 7<sup>th</sup> Sc. Cong. Egyptian Society for Cattle Diseases*** 7-9 Dec. 2003, Assiut, Egypt. Pp. 153-157. \*
13. O. A. Abdelsalam, O. F. Idris, N. M. Elbagir, **Seri, H. I.** (2003). Effect of

Cymelarsan and *T. evansi* infection on thyroid hormones (T4 and T3) profile in female camels "*Camelus dromedarius*". ***Proceedings of the 7<sup>th</sup> Sci. Cong. Egyptian Society for Cattle Diseases*** 7-9 Dec. 2003, Assiut, Egypt. Pp. 330-333.\*

14. O. F. Idris, Abdelsalam O. A., N. M. Elbagir, **Seri, H. I.** (2003). The influence of trypanosomosis infection and treatment with Cymelarsan on the progesterone profile in female camels "*Camelus dromedarius*". ***Proceedings of the 7<sup>th</sup> Sc. Cong. Egyptian Society for Cattle Diseases*** 7-9 Dec. 2003, Assiut, Egypt. Pp. 334-337.\*

## 2004

15. **Seri, H. I.**, T. Hassan, M.M. Salih, A.D. Abakar, A.A. Ismail, T.A. Tigani (2004). Therapeutic efficacy of doramectin Injectable against gastrointestinal nematodes in donkeys (*Equus asinus*) in Khartoum State of Sudan. ***Journal of Animal and Veterinary Advances***. 3 (11): 726-729. (Cited by 4)\*
16. **Seri, H. I.**, T. Hassan, M.M. Salih, A.D. Abakar (2004). A survey of gastrointestinal nematodes in donkeys (*Equus asinus*) in Khartoum State, Sudan. ***Journal of Animal and Veterinary Advances***. 3(11): 736-739. (Cited by 9)\*
17. H. M. ElBashir, **Seri, H. I.** (2004). Efficacy of Doramectin injectable against *Onchocerca raillieti* microfilariae in donkeys (*Equus asinus*), in Khartoum State. Sudan. ***Proceedings of 11<sup>th</sup> scientific congress***. Faculty of Veterinary Medicine. Assiut University. Egypt. 5-7 December 2004.30-35. \*
18. **Seri, H. I.**, T. Hassan, M.M. Salih, A.D. Abakar (2004). Incidence and monthly prevalence of gastrointestinal nematodes in donkeys (*Equus asinus*) in Khartoum State, Sudan. ***Proceedings of 11<sup>th</sup> scientific congress***. Faculty of Veterinary Medicine. Assiut University. Egypt.5-7 December 2004.22-29.\*
19. A. A. Ismail, **Seri, H. I.**, M. A. H. Ghurashi (2004). Paralysis of ischiatic and/or fibular nerve due to injury induced by miss– intramuscular injection

of drugs in sheep and goats. *Proceedings of 11<sup>th</sup> scientific congress*. Faculty of Veterinary Medicine. Assiut University. Egypt. 5-7 December 2004. 212-219. \*

## 2005

20. A. D. Abakar, **Seri, H. I.**, A. A. Ismail, H. H. Musa (2005). Comparative efficacy of selected anticoccidial drugs in Ambarorow sheep naturally infected with enteric coccidia in South Darfur, Sudan. *Sud. J. Vet. Res.* **20** : 55-60. (Published 2008).\*
21. **Seri, H. I.**, A. A. Ismail, A. D. Abakar, T. A. Tigani (2005). Efficacy of Ivermectin in an injectable formulation against gastrointestinal nematodes of donkeys (*Equus asinus*). *Vet. arhiv* **75** (4), 369-374. (Cited by 7)\*

**15<sup>th</sup> November 2005 promoted to Assistant Professor due to Academic Excellence**

## 2006

22. **Seri, H. I.**, Husna M. ElBashir, Y. H. A. Elmansoury, M. M. Salih (2006). Blood chemical changes in donkeys naturally infected with *Onchocerca railieti* the effect of medication with doramectin. *International Journal of Pharmacology.* **2**(5): 530-533. (Cited by 2)\*
23. **Seri, H. I.**, T. Hassan, M. M. Salih, Y. H. A. Elmansoury (2006). Effect of doramectin on donkeys blood constituents. *International Journal of Pharmacology.* **2** (5): 547-550. (Cited by 4)\*
24. **Hisham Seri**, Tigani Hassan, Mohamed Salih, Adam Abakar (2006). An assay of some biochemical parameters in donkeys (*Equus asinus*) medicated at therapeutic level with doramectin. *Deutecher Tropentag2006* (International conference on research for development in agriculture and forestry, food and natural resources management), **October 11-13, Bonn, Germany.**
25. **Seri, H. I.**, T. Hassan, M. M. Salih, Hassan Y. Naim (2006). Reference Values on serum biochemical parameters of Sudanese Donkey (*Equus asinus*)

Breed. *Proceedings of 12<sup>th</sup> scientific congress*. Faculty of Veterinary Medicine. Assiut University. Egypt.10-12 December 2006. 27-40. \*

## 2007

26. O. F. Idris, M. K. Sabahelkhair, **Seri, H. I.** (2007). Influence of gum Arabic (*Acacia senegal*) in dairy cows feed, its effect on quantity and quality of milk. *Proceedings of 9<sup>th</sup> scientific congress*. Egyptian Society of Cattle Diseases in co –operation with Faculty of Veterinary Medicine. Assiut University. Luxor, Egypt 2-4 December 2007. 380-384. \*
27. **Seri, H. I.**, Husna M. El Bashir, Y. H. Elmansoury, and Amna E. Babiker (2007). Serum triiodothyronine, thyroxine, and thyroid stimulating hormone concentrations in donkeys following administration of doramectin (experimental study). *Assiut Vet. Med. J.* **53** (115): 106-112. \*
28. Y. H. A. Elmansury, **Seri, H. I.**, Husna M. Elbashir, M. M. Salih, A.M. A/Majid (2007). Preliminary data on serum thyroid hormones (thyroxine T<sub>4</sub>, triiodothyronine T<sub>3</sub>) and thyroid stimulating hormone (TSH) of Sudanese donkeys (*Equus asinus*): normal levels. *Assiut Vet. Med. J.* **53** (115): 113-117.\*
29. M. A. H. Ghurashi, A. T. H. Sobair, **Seri, H. I.**, Ashwag E. A. M (2007). Some anaesthetic and physiological effects of Thiopentone Sodium in goat kids. *Assiut Vet. Med. J.* **53** (115): 169-178. \*
30. M. A. H. Ghurashi, A. T. H. Sobair, Ashwag E. A. M., **Seri, H. I.** (2007). Effect of Thiopentone sodium on some physiological and anaesthetic parameters in desert goats. *Assiut Vet. Med. J.* **54**(117): 389-396. (Cited by 2).\*

## 2008

31. Sawsan M. A. Imam, T. Hassan, **Seri, H. I.**, Hidaia B. Zolain (2008). Field investigation of gastro-intestinal nematodes in horses and donkeys in South Darfur State, Sudan. *13<sup>th</sup> scientific congress*. Faculty of Veterinary Medicine. Assiut University. Egypt.23-25 November 2008. 723-729. \*

32. Sawsan M. A. Imam, Tigani Hassan, **Hisham I. Seri**, Tigani A. Tigani, Adam D. Abakar (2008). Comparative efficacy evaluation of Albendazole and Ivermectin drench formulation against internal parasites of donkeys in Sudan. *Assiut University 6<sup>th</sup> International Pharmaceutical Science Conference* Faculty of Pharmacy, Assiut, March, 12&13, 2008. (Poster)
33. **Seri, H. I.**, M. A. H. Ghurashi, T. Hassan, H. Y. Naim (2008). Seasonal variation of phospholipids in serum samples from donkeys using HPLC method. **13<sup>th</sup> scientific congress**. Faculty of Veterinary Medicine. Assiut University. Egypt. 23-25 November 2008. 577-586.\*
- 34 Husna, M. E., Saadia, A. Younis., Y. H. A. Elmansoury, **Seri, H. I.**, A. Y. Osman, A. M. A/Majid (2008). Effects of Ivermectin, Chloroquine or Artemether on some serum chemical constituents in zebu cattle naturally infected with *Onchocerca gutturosa* in the Sudan. *Assiut Vet. Med. J.* **54**(118): 147-155. \*

**15<sup>th</sup> January 2009 promoted to Associate Professor due to Academic Excellence**

**2009**

35. H.H. Musa, S. L. Wu, C. H. Zhu, **Seri, H. I.**, G. Q. Zhu (2009). The potential Benefits of Probiotics in Animal Production and Health. *Journal of Animal and Veterinary Advances*, **8**(2): 313-321. (Cited by 36)\*
36. M. A. H. Ghurashi, **Seri, H. I.**, Bakheit, A. H., and Ashwag E.A.M. (2009). Effect of surgical removal of foreign body from goat's rumen with special reference to the prevalence of foreign body in goats in southern Darfur. *Australian Journal of Basic and Applied Sciences* **3**(2):664-668. (Cited by 7)\*
37. M. A. H. Ghurashi, **Seri, H. I.**, Bakheit, A.H., Ashawg, E.A.M., Abakar, J.A. (2009). Evaluation Ketamine/ diazepam anaesthesia for performing surgery in desert goats under field condition. *Australian Journal of Basic and Applied Sciences* **3**(2): 455-459. (Cited by 5)\*



## 2010

38. **Seri, H. I.**, H. Y. Naim, T. Hassan (2010). Seasonal variation in some blood serum biochemical metabolites of donkeys in Sudan. Proceedings of the 14<sup>th</sup> Conference of the Faculty of Veterinary Medicine, Assiut University, Egypt 30<sup>th</sup> November- 2<sup>nd</sup> December 2010. 217-226.\*
39. **Seri, H. I.**, H. Y. Naim, T. Hassan (2010). A high performance liquid chromatography (HPLC) method with evaporative light scattering detector for quantification of major phospholipids classes of donkey's serum. *Vet. Archiv* **80** (3), 365-373. (Cited by 2) \*
40. Sawsan M. A. Imam, **Seri, H. I.**, T. Hassan, T. A. Tigani, Hidaia B. Zolain, A. D. Abakar (2010). Therapeutic efficacy evaluation of anthelmintics activity of albendazole and Ivermectin drench formulations in donkeys in Darfur, Sudan. *Vet. Archiv* **80** (5), 585-595. (Cited by 3)\*

## 2011

41. Sahar, A. Yousif, O.F. Idris, **Seri, H. I.** (2011). Effect of combined Paracetamol and *Glycyrrhiza glabra* or *Cinnamomum zeylanicum* use in rats. *Assiut Vet. Med. J.* **57** (128): 72-84.\*
42. N. Abdelwahed, O.F. Idris, **Seri, H. I.** (2011). The effect of feeding Gum Arabic on serum total and lipoproteins cholesterol in hypercholesterolemic rats. *Assiut Vet. Med. J.* **57**(128): 23-33.\*
43. M. A. A. Radi, **Seri, H. I.**, M. A. H. Ghurashi (211). Effect of thiopentone sodium on some physiological and anaesthetic parameters in donkeys. *Suez Canal Vet. Med. J.* **14** (1): 81-88.\*

## 2012

44. **Hisham Seri**, Natalja Jerjomiceva, William N. Setzer, Hassan Y. Naim, Maren von Köckritz-Blickwede (2012). Pharmacological enhancement of the antimicrobial capabilities of bovine and human neutrophils using *Guarea kunthiana* extract. 20<sup>th</sup> Meeting of the Section of Physiology and

Biochemistry, 17<sup>th</sup> - 18th February 2012, Ludwig-Maximilians Universtat Muncehn Tierarztliche Fakultat. (Poster)

45. Natalja Jerjomiceva, **Hisham I. Seri**, Martin Heine, Hassan Y. Naim, Maren von Köckritz-Blickwede, (2012). Effect of enrofloxacin on antimicrobial activities of bovine neutrophil Functions. 20<sup>th</sup> Meeting of the Section of Physiology and Biochemistry, 17<sup>th</sup> - 18th February 2012, Ludwig-Maximilians Universtat Muncehn Tierarztliche Fakultat. (Oral presentation)
46. M. A. A. Radi, **Seri, H. I.**, M. A. H. Ghurashi (2012). Clinical studies on thiopentone with or without diazepam premedication for general anaesthesia in donkeys. *Assiut Vet. Med. J.* **58**(134):367-373.\*
47. M. A. A. Radi, **Seri, H. I.**, M. A. H. Ghurashi (2012). Cardiopulmonary effects of Diazepam/Thiopentone sodium when used for short duration anaesthesia in donkeys (*Equus asinus L.*). *Journal of Science and Technology. (JAVS)* **13**(1): 49-57.\*

## 2013

48. Hisham Ismail Seri (2013). Introduction to Veterinary Drug Residues: Hazards and risks. Control of Veterinary Drug Residues in Food Derived from Animals Symposium. Organized by: National Medicines and Poisons Board in collaboration with Ministry of Animal Resources and Fisheries. 26<sup>th</sup> -27<sup>th</sup> May 2013. Khartoum, Sudan.
49. Nihal H.A. Ismail, Siham E. Suliman, A.G.A. Bulldan, **Seri, H. I.** (2013). Haematological, Biochemical and Histopathological Alterations Induced by Ivermectin in Donkeys (*Equus asinus*). *Journal of Science and Technology.* **14**(2):1-14
50. Ismail, A. A., Abakar, A. D., Ahmed, N. K., **Seri, H. I.**, Tigani, A. T (2013). *Gasterophilus spp.* larvae infection rates and seasonal variation in donkeys autopsied in Nyala, South Darfur, Sudan. *Journal of Science and Technology (JST)* **14**(1): 54-65.

51. A. A. Adam, **Seri, H. I.**, S. E. Suliman (2013). The prevalence and intensity of gastro-intestinal helminths in equine in North Darfur, Sudan. *Journal of Agricultural and Veterinary Sciences (JAVS)*.14(1): 102-107\*
52. A.G. A. Bulldan, **Seri, H. I.**, S. E. Suliman, G. E. Mohammed (2013). Monitoring of experimentally induced hyperlipidaemia in donkeys. *Assiut Vet. Med. J.*59 (138): 155-160 \*
53. Abakar, A.D., N. A. Khogali, A.E. Bashar, **Seri, H.I.**, A.T. Tigani, A.A. Abdalmalaik (2013). Prevalence of *Strongylus vulgaris* in the mesenteric artery of donkeys from Nyala, South Darfur state, Sudan. *Research Journal of Parasitology* 8(2): 71-75.\*
54. Yagoub M. M. Yagoub, Siham Abdoun and **Hisham I. Seri** (2013). Effect of storage conditions on the stability of Albendazole and Oxytetracycline veterinary products marketed in Sudan. *Bulletin of Pharmaceutical Sciences, Assiut University* 36(1): 49-57. \*
55. M.I. Fangama, **Seri, H.I.**, S.E. Suliman, S.M.A. Imam and E.A. Mozamel (2013). Comparative efficacy evaluation of Moxidectin and ivermectin injectable formulation against helminths infestation of donkeys (*Equus asinus*) in Sudan. *Assiut Vet. Med. J.* 59 (137): 1-8.\* (Cited once)
56. Y. M. M. Yagoub, Siham Abdoun, **Seri, H. I.** (2013). In-use Stability Studies of two Veterinary Medicinal Products: Albendazole and Oxytetracycline. *Assiut Vet. Med. J.* 59(136): 11-15. \*

## 2014

57. Ghurashi, M. A. H., Bakheit, A. H., Abakar, J. A., **Seri, H. I.** (2014). Surgical Approach for the Treatment of Foot Knuckling in a Horse. *SUST Journal of Agricultural and Veterinary Sciences*. 15(2): 95-100.
58. Baher, A.I.A., **Seri, H.I.**, Siham E. Suliman (2014). Clinical, Haematological and Biochemical Studies of Colic in Draught Horses and Donkeys in Nyala. *Sudan Journal of Science and Technology* 15(2): 49-59.

59. Rasha M. M. Osman, **Seri, H. I.**, Siham E. Suliman (2014). Safety of simultaneous administration of Diminazene diacetate and Sulphadimidine sodium in donkeys. *Sudan Journal of Science and Technology* **15**(2): 1-11
60. Abakar, J.A., Ghurashi, M. A.H., **Seri, H.I.** (2014). Evaluation of some anaesthetic protocols for induction of anaesthesia in donkeys (*Equus asinus*) in Sudan. *SUST Journal of Agricultural and Veterinary Sciences*. **15**(1): 1-15.
61. Suleima M. A. Elmekki, **Seri, H.I.**, A.O. Bakheit, A.G.A. Buldan (2014). Evaluation of Anti-hyperlipidaemic potential of Gum Arabic in experimentally induced hyperlipidaemia in donkeys. *SUST Journal of Agricultural and Veterinary Sciences*. **15**(1): 27-40.
62. Jerjomiceva N., **Seri H.**, Völlger L., Wang Y., Zeitouni N., Naim H.Y., von Köckritz-Blickwede M. (2014). Enrofloxacin Enhances the Formation of Neutrophil Extracellular Traps in Bovine Granulocytes. *Journal of Innate Immunity* **6**(5): 706-712 (Cited by 4).\*

## 2015

63. Natalja Jerjomiceva, **Hisham Seri**, Ragheda Yaseen, William N. Setzer, Hassan Y. Naim, Maren von Köckritz-Blickwede (2015). *Guarea kunthiana* bark extract enhances the antimicrobial activities of human and bovine neutrophils. *Dev. Comp. Immunol.*
64. O. F. Idris, Mohja A. Ahmed, A. I. Tammam, **Seri, H. I.**, GadAllah Modawe (2015). Hypercholesterolemia due to chronic renal failure in diabetic Sudanese patients. *Br J Med Health Res.*; **2**(1): 1-8.

## 14.5 Manuscripts Submitted for Publication

65. **Seri, H. I.**, Suleima M.A. Elmekki, Buldan, A. G. A., (2015). Assessment of Probable Protective Effects of Oral Gum Arabic Administration on Hyperlipidemia Experimentally Induced in Donkeys (*Equus asinus asinus*). *Veterinarski arhiv*

66. **Seri, H. I.**, Buldan, A. G. A., G. E. Mohamed (2015). Clinical Characteristics of Experimentally Induced Hyperlipaemia in Donkeys (*Equus asinus*) *SUST Journal of Agricultural and Veterinary Sciences*
67. B. M. H. Elkhair, M. A.H. Ghurashi, **Seri, H. I.**, G. A. Mohammed (2015). Measurements and Abnormal Conformation in Foreleg of Draught Donkeys (*Equus asinus*) in Tambuol, Sudan. *Veterinarski arhiv*
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#### **GOOGLE SCHOLAR CITATION INDEX**

[HTTP://SCHOLAR.GOOGLE.COM/CITATIONS?USER=WS7\\_Si0AAAAJ&HL=EN](http://scholar.google.com/citations?user=WS7_Si0AAAAJ&hl=en)

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**DATE: 1<sup>ST</sup> MARCH 2015**