



## Curriculum Vitae

### Personal Details

Name: **Shawgi Mohamed Hassan.**  
Date of Birth 1<sup>st</sup> January 1952  
Place of Birth Abri, Sudan  
Gender male  
Marital Status Married with four sons and a daughter.  
Nationality Sudanese  
Academic Status Professor  
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### Qualifications

Degree	Awarding Body	Country	Date
Ph.D.	Kenyatta University,	Kenya	1997
D.T.V.M.	University of Edinburgh,	Britain	1982
B.V.Sc.	University of Khartoum,	Sudan	1976

## ACADEMIC APPOINTMENTS

Date	Position
May 2011	Professor
December 2003	Associate Professor
November 1999	Assistant Professor

## PROFESSIONAL APPOINTMENT EXPERIENCE

Date	Position
1976 -1977	District Veterinary Officer, Port Sudan.
1977 -1982	Counterpart national staff, Food and Agriculture Organization (FAO) of the United Nations, Ticks and Tick-borne Diseases Control Project, Sudan.
1982 -1988	Head, Tick Research Unit at the Central Veterinary Research Laboratories, Khartoum, Sudan.
1988 – 1998	Research Scientist working on tick ecology at the International Centre of Insect Physiology and Ecology (ICIPE), Nairobi, Kenya, in charge of a unit of the tick programme section at Mbita Point Field Station of ICIPE at Lake Victoria, Western Kenya.

## FIELD OF WORK

Parasitology (Helminthology, Entomology and Protozoology) Entomology and Acarology Vector control
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## SPECIAL INTEREST

<ul style="list-style-type: none"><li>-Veterinary Parasitology</li><li>-Biology and ecology of livestock ticks</li><li>- Tick-borne diseases of livestock</li><li>- Control of ticks and Tick-borne diseases</li></ul>
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## AWARDS

<i>Award</i>	<i>Awarding Body</i>	<i>Country</i>	<i>Date</i>
included in WHO'S WHO in the World, 14 <sup>th</sup> Edition	Marquis Who's Who	USA	1997
<b>Award of Scientific Excellence</b>	University of Khartoum	Sudan	27 February 2014

## COURSES & WORKSHOPS ATTENDED IN EDUCATION

<b>Training Course/ Workshop</b>	<b>Body</b>	<b>Date</b>
Taxonomy of "Ticks of the World"	Faculty of Zoology, Edinburgh University, UK.	June - Sept. 1982
"Tick-Management Course"	International Centre of Insect Physiology and Ecology, (ICIPE) Nairobi, Kenya.	Jan. - Feb. 1986
Training at the Centre for Tropical Pest Management on <b>CLIMEX</b> for population prediction model, <b>T3HOST</b> Population Explorer for <i>Rhipicephalus appendiculatus</i> and <b>LucID</b> an Identification Tool for Biology	University of Queensland, Brisbane, Australia	July- Aug. 1997
Workshop on Research Proposals Development	The International Centre of Insect Physiology and Ecology, Nairobi, Kenya	10 - 21 February 1997.
Global Change Impact Assessment Approaches for Vectors and Vector-borne Diseases	Sponsored by GCTE, ICIPE, IRI, WHO and FAO, held at The International Centre of Insect Physiology and Ecology, Headquarters, Nairobi Kenya	3 - 6 September, 1997.
International Workshop on Tick Modeling	Sponsored by ACIAR, Australia, held at The International Centre of Insect Physiology and Ecology, Nairobi, Kenya,	9-19th September 1997.

## ACADEMIC, ADMINISTRATIVE & PROFESSIONAL RESPONSIBILITIES & ACTIVITIES

### SERVICE ACTIVITIES

Date	Activity
1999	Visiting Lecturer of Veterinary Entomology and Acarology at the Faculty of Veterinary Science, University of Bahr el Ghazal, Sudan.
2000	Visiting Lecturer of Veterinary Entomology and Acarology at Faculty of Veterinary Science, University of Bahr el Ghazal, Sudan
2001	Visiting Lecturer of Veterinary Entomology and Acarology at Faculty of Veterinary Science, University of Nyala, Sudan.
2003	Visiting Lecturer of Veterinary Entomology and Acarology at Faculty of Veterinary Science, University of Nyala, Sudan
2008	Visiting Lecturer of Medical Entomology at the Faculty of Medicine and Health Sciences, University of El Imam Elmahdi, Kosti for the academic year 2007/2008.
2009	Visiting Lecturer of Medical Entomology at Faculty of Medicine and Health Sciences, Department of General Health, University of El Imam Elmahdi, Kosti for the academic year 2008/2009
2009	Visiting Lecturer of Control of vectors of Medical Entomology at the Faculty of Medicine and Health Sciences, Department of General Health, University of El Imam Elmahdi, Kosti for the academic year 2008/2009.
2010	Visiting Lecturer of Medical Entomology at the Faculty of Medicine and Health Sciences, Department of General Health, University of El Imam Elmahdi, Kosti for the academic year 2009/2010.
2010	Visiting Lecturer of Control of vectors of Medical Entomology at the Faculty of Medicine and Health Sciences, Department of General Health, University of El Imam Elmahdi, Kosti for the academic year 2009/2010.
2011	Visiting Lecturer of Medical Entomology at the Faculty of Medicine and Health Sciences, Department of General Health, University of El Imam Elmahdi, Kosti for the academic year 2010/2011.
2011	Visiting Lecturer of Control of vectors of Medical Entomology at the Faculty of Medicine and Health Sciences, Department of General Health, University of El Imam Elmahdi, Kosti for the academic year 2010/2011.
2012	Visiting Lecturer at College of Veterinary Medicine of University of Bahari, Khartoum for teaching Veterinary Acarology for the academic year 2011/2012.
2013	Visiting Lecturer at College of Veterinary Medicine of University of Bahari, Khartoum for teaching Veterinary Acarology for the academic year 2012/2013.
2014	Visiting Lecturer at College of Veterinary Medicine of University of Bahari, Khartoum for teaching Veterinary Acarology for the academic year 2013/2014.

### ADMINISTRATIVE RESPONSIBILITIES

Date	Position
2001 to 2006	Head Department of Parasitology, Faculty of Veterinary

	Medicine, University of Khartoum.
(2000–2001) and (2006 2008).	Secretary of Parasitology Department Board
(2001 to 2006) and (2006 to 2009).	Representative of Department of Parasitology at the Faculty Board Member of Faculty Research Board
(2001 to 2006) and (2009 to date).	Member of Faculty Research Board
(2001 to 2006) and (2009 to August 2013).	Member of Faculty Heads of Departments
(2007/2008) and (2008/2009)	Member of Faculty Examination Committee
2003 to 2005	Member of the Institute of Environmental Studies Board
(2001 to 2006) and (2009 – to date)	Member of the Senate
2000 to date	Academic Supervisor of the Faculty Library (Elkarib Library)
2006 to date	Member of the Committee of Libraries of Shambat Campus
2008 to date	Member of the High Libraries Board of the University of Khartoum
2009 to date	Member of Self Evaluation committee of the Faculty of Veterinary Medicine
2008 to 2010	Member of the High Committee of Graduate College to edit abstracts of theses submitted for higher degrees
27 <sup>th</sup> February – 1 <sup>st</sup> March 2010.	Member of the scientific committee of the 1 <sup>st</sup> International Conference of the Graduate College and Scientific Research, Friendship Hall, Khartoum, Sudan
25 <sup>th</sup> – 27 <sup>th</sup> February 2011	Member of the scientific committee of the Annual International Conference, Postgraduate Studies and Scientific Research, Medical and Health Studies, Friendship Hall
September 2009 to August 2013	Deputy Dean for Academic Affairs, Faculty of Veterinary Medicine, University of Khartoum
April 2010 to June 2010 and from March 2011 to August 2011	Acting Registrar of the Faculty of Veterinary Medicine, University of Khartoum.

August 2013 to date	Deputy Dean Agricultural and Veterinary Studies Board, the Graduate College, University of Khartoum
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September to date	2009	Member of Medical and Health Studies Board, Graduate College, University of Khartoum.
September to date	2009	Member of Agricultural and Veterinary Studies Board, Graduate College, University of Khartoum.
September to date	2013	Member of Basic and Engineering Studies Board, Graduate College, University of Khartoum.
September to date	2013	Member of Humanities and Educational Studies Board, Graduate College, University of Khartoum.
2013 - 2014		Coordinator of the 5 <sup>th</sup> Annual Conference of Postgraduate Studies and Scientific Research (Agricultural and Veterinary Research), February 24 – 27 2014.

### NEW ESTABLISHMENTS

Date	Establishment
2004 to date	<p>During the course of Arthropods which I teach, I have introduced a method to link the Undergraduate students with fieldwork. This is implemented by giving each student assignments of collection, identification and rearing arthropods from hosts and their environment. The students are asked to submit their findings with written reports that include the life cycle of the arthropod. This training enables the students:-</p> <ol style="list-style-type: none"> <li>1. to be familiar with the arthropod on-host and off-host,</li> <li>2. to describe the suitable off-host macro- and microhabitats of the arthropod,</li> <li>3. to know the suitable hosts of each arthropod and to follow up and comprehend the life cycle of arthropods under natural conditions,</li> <li>4. to properly identify the arthropod,</li> <li>5. to develop interest in research.</li> </ol>
2007	<p>Through a project on (Production of a vaccine against tropical theileriosis in the Sudan) funded by The Arab Organization For Agricultural Development, I brought to the Department of Parasitology, Faculty of Veterinary Medicine, University of Khartoum, the following equipment:</p> <ol style="list-style-type: none"> <li>1- One laboratory <b>Centrifuge</b> (programmed) with adaptors for centrifugation ranging from 1.5 ml to 250 ml.</li> <li>2. One <b>Sensitive Balance</b> with shields that weighs 0.0001 to 120 gm.</li> <li>3. One <b>Cooled Incubator</b> with internal capacity of 250 litres and temperature ranges between 2o to 50oC.</li> <li>4. Three <b>Dissecting Microscopes</b> 5X to 160X with accessories.</li> <li>5. One <b>Incubator</b> (37°C).</li> <li>6. One <b>Haematocrit</b> Centrifuge.</li> <li>7. One <b>Digital pH</b> metre.</li> </ol>

## OTHER ACTIVITIES

### Scientific Visits

Activity	Country	Date
A scientific visit to the University of Pretoria, Faculty of Veterinary Science.	Onderstepoort, South Africa	12 <sup>th</sup> to 22 <sup>nd</sup> February 2004.
A scientific visit to Veterinary Infectious and Immunological Research Centre,	Borstel, Germany.	21 <sup>st</sup> to 30 <sup>th</sup> June 2004.
A scientific visit to Ecole nationale de médecine Vétérinaire, (ENMV) 2020 Sidi Thabet, Ariana,	Tunis, Tunisia	12 <sup>th</sup> to 23 <sup>rd</sup> March 2007

## MEMBERSHIP TO LEARNED SOCIETIES

### LOCAL

Status	Association/ Society	Town//Country	Date
Member	Sudan Veterinary Association	Khartoum/ Sudan	1978 to date

### REGIONAL

Status	Association/ Society	Town/Country	Date
Member	African Association of Insect Scientists (AAIS).	Kenya	1994 to date
Coordinator	African Consortium of Ticks and Tick-borne Diseases (ACTTD)	South Africa	2006 to date

### INTERNATIONAL

Status	Association/ Society	Town/Country	Date
Member	New York Academy of Sciences (NYAS).	USA	1997 - 1999
Associate member	Integrated Control of Ticks and Tick-borne Diseases (ICTTD), EU concerted Action Project,	The Netherlands.	1998 to date

## SCIENTIFIC CONFERENCES, MEETINGS & SYMPOSIA ORGANIZATION

Status	Seminar/ meeting/ conference/ Public Lecture	Country	Date
Oral Presentation	Pan African Veterinary Congress	Khartoum, Sudan	2-7 October, 1982,
Participant	The 8 <sup>th</sup> International Congress of Acarology	Českéj Budějovice, Czechoslovakia	6-11 August, 1990
Oral Presentation	International Tick Symposium on Integrated Management of Ticks in Africa	Nairobi, Kenya	26 <sup>th</sup> August –1 <sup>st</sup> September 1990.
Oral Presentation	The 8 <sup>th</sup> International Congress of Acarology	The Ohio State University, Columbus, Ohio, USA	17-22 July, 1994.
Participant	The Australian Society for Parasitology Conference	Australian National University, Canberra ACT, Australia	14-18 July 1997.
Oral Presentation	The 15 <sup>th</sup> Scientific Conference of African Association of Insect Scientists	Nairobi, Kenya	9 <sup>th</sup> –13 <sup>th</sup> June 2003.
Oral Presentation and Organizer	The Third National Workshop on Ticks and Tick-borne Diseases in the Sudan	Shariga Hall, Khartoum, Sudan	18-20 August 2003.
Participant	International Conference on (Bridging the gap between genomics and the biology of ticks and tick-borne pathogens), Organized by ICTTD <sub>3</sub> .	Pilanesberg, South Africa	25 <sup>th</sup> to 29 <sup>th</sup> September 2006
Participant	International Conference on (Co-evolution of Pathogens, Hosts and Vector Ticks) Organized by ICTTD <sub>3</sub> .	Zanzibar, Tanzania	24 <sup>th</sup> to 28 <sup>th</sup> September 2007
Participant	The 10 <sup>th</sup> Biennial Conference of Society for Tropical Veterinary Medicine under the theme (One Health, One Medicine: Building Bridges to face the Challenge of Emerging and Zoonotic Diseases),	Lübeck, Germany	29 <sup>th</sup> June to 3 <sup>rd</sup> July 2009
Organizer	The 1st International Conference of the Graduate College and Scientific Research	Friendship Hall, Khartoum, Sudan	27 <sup>th</sup> February – 1 <sup>st</sup> March 2010
Organizer	The Annual International Conference, Postgraduate Studies and Scientific Research, Medical and Health Studies,	Friendship Hall, Khartoum, Sudan	25 – 27 February 2011.
Organizer	The Annual International Conference, Postgraduate Studies and Scientific Research, Agricultural and Veterinary,	Friendship Hall, Khartoum, Sudan	24 – 27 February 2014.

## TEACHING & EXAMINATION EXPERIENCE

### Undergraduate Students

Course Title	Credit hours	Semester/year	Faculty, University
Entomology and Protozoology	5	Second (1999 to date)	Veterinary Medicine, University of Khartoum
Medical Entomology	4	Second (2008 to date)	Medicine and Medical Sciences, Department of Public Health
Vector Control	4	Second (2008 to date)	Medicine and Medical Sciences, Department of Public Health



Acarology	4	Second (2010 to date)	Veterinary Medicine, University of Bahari
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### Postgraduate Students at MSc level

Course Title	Credit hours	Semester/year	Faculty
Veterinary and Medical Entomology	3	First (2012 to date)	Veterinary Medicine, University of Khartoum
Diagnostic techniques of parasites	4	Second (2012 to date)	Veterinary Medicine, University of Khartoum

### Examinations Undergraduate

Status	Course Title	Faculty	University	Date
External examiner	Entomology and Protozoology	Veterinary Science	Bahr El Ghazal	2001
External examiner	Entomology and Protozoology	Veterinary Science	Bahr El Ghazal	2006
External examiner	Entomology and Protozoology	Veterinary Science	Bahr El Ghazal	2008
External examiner	Entomology and Protozoology	Veterinary Medicine	Sudan University of Science and Technology	2014

### Examinations Postgraduate Examination of MSc students

Status	Name of the student	Title of the Thesis	Faculty	University	Date
Internal	Elham Abdel Basit Suliman.	Effect of <i>Aspergillus terreus</i> on <i>Hyalomma anatolicum anatolicum</i> (Acari: Ixodidae). An approach to biological control	Veterinary Medicine	Khartoum	2000
Internal	Khalid Mohamed Taha	Some studies on the role of goats in transmission of malignant ovine theileriosis in the Sudan	Veterinary Medicine	Khartoum	2001
Internal	Hagir Medani Hussein	Life cycle and vectorial capacity of <i>Hyalomma anatolicum anatolicum</i> (Acari: Ixodidae) in the Sudan.	Veterinary Medicine	Khartoum	2001
Internal	Abdalla El Nour Sowar	Epidemiology and ecology of ticks and tick-borne diseases in Kadogli and Dilling Provinces, Southern Kordofan	Veterinary Medicine	Khartoum	2001

		State, Sudan			
Internal	Atif Sharief Ibrahim	A study of ticks infesting cattle destined for export from Khartoum	Veterinary Medicine	Khartoum	2012
Internal	Simon Siyang. Moses. Mathout Nyoap.	A survey on ticks and tick-borne diseases of cattle with particular reference to East Coast fever in Fanjak County, Jongeli State, South Sudan.	Veterinary Medicine	Khartoum	2012
Internal	Rasha Awad Abdelrahman Mohamed	A comparative Study on the Ecology of Malaria Vector <i>Anopheles</i> in Two sites: Elrimaila and Jabra of Khartoum Locality, Khartoum State, 2013	Public and Environmental Health	Khartoum	2014
Internal	Bedoor Mohammed Ali Hamed	Study on bovine Babesiosis in Dairy Farms in Khartoum State	Veterinary Medicine	Khartoum	2014
External	Wani Loku Marcellino	Prevalence and economic impact of East Coast fever in Central Equatoria State, Southern Sudan	Centre of Veterinary Laboratories	Sudan Academy of Sciences	2008
External	Maha Ahmed Eltigani Mohammed	Prevalence of ticks (Acari: Ixodidae) infesting camels in Butana area, Central Sudan	Centre of Veterinary Laboratories	Sudan Academy of Sciences	2009
External	Hatim Ali Eltahir Hassan	Response to tabanids and muscids to odour baited traps at Al Yarmouk Farm, Khartoum Sudan	Centre of Veterinary Laboratories	Sudan Academy of Sciences	2009
External	Maymouna Badr Abdul Magid Mokhtar	Prevalence of ixodid ticks in cattle farms in the vicinity of Elfashir in North Kordofan State, Sudan	Faculty of Animal Production	University of Juba	2011
External	Hoyam Awad Mahgoub Osman	Prevalence and genetic diversity of <i>Babesia</i> and <i>Anaplasma</i> species in cattle in the Sudan.	Central Laboratory	Sudan Academy of Sciences	2012
External	Younis Mohammed Zein Yousif Mohammed	Seoprevalence of Bovine anaplasmosis and Tick infesting cattle in South Kordofan State, Sudan	Veterinary Research Institute	Sudan Academy of Sciences	2013
External	Abubakar Ahmed Said Mohamed	Myiasis in Reedbuck ( <i>Redunca redunca</i> ) at Dinder National Park, Sudan	Wildlife Department, Animal Resources Corporation	Sudan Academy of Sciences	2014

## Examinations

### Postgraduate

#### Examination of PhD students

Status	Name of the student	Title of the Thesis	Faculty	University	Date
Internal	ElNaeem Ibrahim Abdel Karim	Biology of <i>Stomoxys calcitrans</i> (Diptera: Muscidae) and its potential vectorial capacity in transmission of trypanosomiasis in Southern Darfur, Sudan	Veterinary Medicine	Khartoum	2002
Internal	Ahmed Hussein Abdel	Studies on the epidemiology of bovine	Veterinary	Khartoum	2002

	Rahman	trypanosomosis in the Sudan	Medicine		
Internal	Magdi Badawi Abdel Rahman.	Studies on <i>Ehrlichia ruminantium</i> in Domestic ruminants in the Sudan	Veterinary Medicine	Khartoum	2006
External	Nadia Mohammed Osman Mahmoud	Bovine trypanosomosis in the Sudan: An Update	Centre of Veterinary Laboratories	Sudan Academy of Sciences	2012
External	Nagwa Mohamed-Ahmed Mohamed Mohamed-Ahmed	Epidemiological Study on Rickettsiae in Domestic Ruminants and Ticks in Khartoum State, Sudan	Central Laboratory	Sudan Academy of Sciences	2015

## Supervision of Postgraduate students

### Supervision of Master students

No	Student	Thesis Title	University	Date
1	Aldo Gwake Lazarus	Studies on ticks and tick-borne diseases in and around Wad-Medani Town, Central Sudan.	Khartoum	2002
2	Dia El Din Ahmed Salih.	Epidemiological studies on Tropical Theileriosis ( <i>Theileria annulata</i> infection of cattle) in the Sudan	Khartoum	2003
3	Mohamed Sayed Mohamed Suliman.	Studies on <i>Cowdria ruminantium</i> infections of sheep in Sennar State, Sudan	Khartoum	2004
4	Badria Hassan Elfaki Ahmed.	Studies on ticks and tick-borne diseases of export sheep at Alkadaro Slaughter House, Sudan	Khartoum	2005
5	Ibrahim Adam Hassan Suliman.	Evaluation of a recombinant anti-tick vaccine (GavacTM) against <i>Hyalomma anatolicum anatolicum</i> and <i>Hyalomma dromedarii</i> (Acari: Ixodidae) in the Sudan.	Khartoum	2005
6	Awadia Mohamed Ali.	Molecular detection and characterization of <i>Theileria annulata</i> in cattle in Khartoum State, Sudan. (Co-supervisor)	Khartoum	2005
7	Mekki Mohamed Abdallah.	Studies on seasonal population changes of ticks infesting cattle and incidence of some tick-borne diseases in South Darfur	Khartoum	2007
8	Bashir Osman Mohamed Salim.	Molecular, serological and parasitological detection of piroplasmosis of horses in the Sudan.	Khartoum	2008
9	Bothina Bakor Mohammed Gaafar.	Epidemiology of tropical theileriosis in Nyala Dairy farms in South Darfur State, Sudan.	Khartoum	2008
10	Samira Mohamed Kheir.	Prevalence of ticks and tick-borne diseases of cattle in the Red Sea State, Sudan	Khartoum	2010
11	Gehad Mamoun Mohamed Ahmed.	Molecular, serological and parasitological detection of <i>Theileria annulata</i> in Northern Kordofan State, Sudan.	Khartoum	2012
12	Izzeldeen Ibrahim Suliman Gumaa	Prevalence of cattle ticks and <i>Theileria annulata</i> antibodies in White Nile State.	Khartoum	2013
13	Sara Abbas Hassan	Prevalence of <i>Theileria lestoquardi</i> in healthy sheep and goats in Khartoum State	Khartoum	2015
14	Mohamed Abdalla Mohamed Ahmed Hayati	Prevalence of ticks (Acari: Ixodidae) of cattle and <i>Theileria annulata</i> infection in Geziera State, Sudan.	Khartoum	2015

### Supervision of PhD students

N O	Student	Thesis Title	University	Date
1	Ahmed Mohamed Ahmed Ali.	Studies on immune response of rabbits to <i>Hyalomma anatolicum anatolicum</i> and <i>H. dromedarii</i> (Acari: Ixodidae)	Khartoum	2004
2	Ahmed El Ghali Ahmed Mukhtar.	Studies on camel ticks in River Nile State, Sudan with particular reference to ecology and behaviour of <i>Hyalomma dromedarii</i> (Acari: Ixodidae).	Khartoum	2005
3	Elham Abdel Basit Suliman.	Fungal Conidia and metabolites as biological control agents against hard ticks (Acari: Ixodidae) in the Sudan. (Co-supervisor).	Khartoum	2008
4	Dia Eldeen Ahmed Salih.	Molecular epidemiological studies on East Coast fever ( <i>Theileria parva</i> infection of cattle) in Southern Sudan. (Co-supervisor).	Sudan Academy of Sciences	2008
5	Ahmed Elhussein Elimam.	Pathological studies on malignant ovine theileriosis ( <i>Theileria lestoquardi</i> infection) in the Sudan. (Co-supervisor).	Khartoum	2011
6	Mohamed Sayed Mohamed Sulieman	Molecular epidemiology of heartwater ( <i>Ehrlichia ruminantium</i> infection) in domestic ruminants in Sudan	Khartoum	2012

### Supervision of MSc not yet graduated

Student	Thesis Title	University	Date
Ruua Khogali Ibrahim Khogali	Biological Studies on <i>Hyalomma anatolicum</i> (Acari: Ixodidae) Fed on Cattle in Khartoum State, Sudan	Khartoum	2011/2016
Egbal Bashir Ibrahim	Prevalence of mosquitoes in Kosti town, White Nile State, Sudan	Khartoum	2011/2016

### Supervision of PhD students not yet graduated

Student	Thesis Title	University	Date
Rabab Mohamed Haj Hamed Ahmed	Ecology and behavior of <i>Aedes</i> spp. In relation dengue virus and susceptibility to Malathion and permethrin, Kassala Sudan	Khartoum	2013 - 2016
Bothina Bakor Mohamed Gaafar	Molecular Epidemiology of Anaplasmosis of sheep and goats in South Darfur State, Sudan.	Khartoum	2015- 2018

Maha Ahmed Eltigani Mohammed	Biological Studies on the Camel Tick Hyalomma dromedarii (Acari: Ixodidae) Fed on different Hosts	Khartoum	2015- 2018
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***GRANTS OBTAINED FOR RESEARCH PROJECTS***

<b>Proposal Title</b>	<b>Granting Body/country</b>	<b>Amount</b>	<b>Date</b>
Production of a vaccine against tropical theileriosis in the Sudan	Arab Organization for Agricultural Development	US\$ 20000	2004 - 2005
Production of a vaccine against tropical theileriosis in the Sudan	International Atomic Energy Agency	US\$ 20000	2006 - 2007
Epidemiological studies of heartwater in the Sudan	Ministry of High Education and Scientific Research	SD 8000	2008 - 2009

## List of Publications

<p>1. Morzaria, S. P.; Hassan, Um El; <b>Shawgi M. H.</b>; Pedersen V. and Osman, A. M. (1981). Isolation, identification and transmission of <i>Theileria mutans</i> in Northern Sudan. In: Advances in Control of Theileriosis. (Eds. A. D. Irvin; M. P. Cunningham and A. S. Young), pp. 166-169. The Hague: Martinus Nijhoff Publishers.</p>
<p>2. Latif, A. A. and <b>Shawgi, M. H.</b> (1982). Calf mortality in Nesheishiba Dairy Farm. In: Pan African Veterinary Congress Proceedings, Khartoum, Sudan, 2 - 7 October 1982. (eds. A. M. Shommein and A. Wahbi), pp. 170-175.</p>
<p>3. <b>Hassan, S. M.</b> and Osman, A. M. (1984). Ticks and Tick-borne Diseases and Animal Wealth Development in the Sudan. The 11th Veterinary Conference of Animal Wealth in Eastern Sudan, Kassala. Part 1. 165 – 168. (In Arabic).</p>
<p>4. <b>Hassan, S. M.</b> and Osman, A. M. (1985). Problems caused by ticks and their impact on animal production in the Sudan. In: Sudan Veterinary Association: Development of Animal Resources in Northern Province, Sudan. (ed. Abdel Gadir A. Wahbi). pp 113 – 118. (In Arabic).</p>
<p>5. <b>Hassan, S. M.</b> (1987). Bovine theileriosis in the Sudan. In: First African Veterinary Days, Hammamat, Tunisia. 31<sup>st</sup> May – 2<sup>nd</sup> June 1987.</p>
<p>6. <b>Hassan, S. M.</b>; Dipeolu, O. O.; Amoo, A. O. and Odhiambo, T. R. (1991). Predation on livestock ticks by domestic chickens. <i>Veterinary Parasitology</i> 38(2/3): 199-204. <a href="#">PMID 1858289</a>.</p>
<p>7. Mwangi, E. N.; Dipeolu, O. O.; Newson, R. M.; Kaaya. G. P. and <b>Hassan, S. M.</b> (1991). Predators, Parasitoids and Pathogens of ticks: A review. <i>Biocontrol Science and Technology</i> 1(3): 147-156.</p>
<p>8. <b>Hassan, S. M.</b>; Dipeolu, O. O. and Munyinyi, M. (1992). Influence of exposure period and management methods on the effectiveness of chickens as predators of ticks infesting cattle. <i>Veterinary Parasitology</i> 43(3/4): 301-309. <a href="#">PMID 1413461</a>.</p>
<p>9. Punyua, D. K. and <b>Hassan, S. M.</b> (1992). The role of host management in tick population changes on Rusinga Island, Kenya. <i>Experimental and Applied Acarology</i> 14(1): 61-65. <a href="#">PMID 1606875</a>.</p>
<p>10. Malonza, M. M.; Dipeolu, O. O.; Amoo, A. O. and Hassan, S. M. (1992). Laboratory and field observations on anti-tick properties of the plant <i>Gynandropsis gynandra</i> (L) Brig. <i>Veterinary Parasitology</i> 42(1/2): 123-136. <a href="#">PMID 1615623</a>.</p>
<p>11. <b>Hassan, S. M.</b> and Dipeolu, O. O. (1993). Livestock tick predation by chickens: The rate of digestion of ticks in the alimentary tract of chickens. <i>Biocontrol Science and Technology</i> 3(1): 79-83.</p>
<p>12. Musa, T. M.; Shommein, A. M.; Abdel Razig; Y. M.; Meki, N. T. and <b>Hassan, S. M.</b> (1993). Anthrax in humans and camels in the Sudan with reference to the disease in the country. <i>Rev. Elev. Med. Vet. Pays. Trop.</i> 46(3): 438-439. <a href="#">PMID 8190979</a>.</p>
<p>13. <b>Hassan, S. M.</b>; Dipeolu, O. O. and Malonza, M. M. (1994). Natural attraction of livestock ticks by the leaves of a shrub. <i>Tropical Animal Health and Production.</i> 26(2): 87-91. <a href="#">PMID 7941035</a>.</p>

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### Editing Scientific Papers

Journal	Date
The Sudan Journal of Veterinary Science and Animal Husbandry.	2005, 2010, 2012
The Sudan Journal of Veterinary Research.	2008, 2009, 2010
Albuhooh	2007, 2011
University of Khartoum Journal of Veterinary Medicine and Animal Production.	2010, 2012, 2013
Parasite	2012, 2013
The Sudan Journal of Veterinary Research	2014
Journal of Faculty of Education, U. of K.	2015

### Editing Journal

<b>Hassan, S. M.;</b> El Hussein, A. M.; Abdel Rahim, A. I.; Osman, A. M.; Ismail, A. A.; Khalafalla, A. and Salih, D. A. (2003). Proceedings of the Third National Workshop on Ticks and Tick-borne Diseases in the Sudan, Khartoum, Sudan 18 – 20 August 2003. The Sudan Journal of Veterinary Science & Animal Husbandry, Vol. 42 (1, 2). 397 pp.	18 – 20 August 2003
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### Editing Books

<b>Manual of Laboratory Diagnosis for Tropical Gastrointestinal Parasites of Domesticated Animals.</b> By A. M. Elhassan and O. A. Al-Jabr, King Faisal University	2013
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