

Curriculum Vitae

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PERSONAL INFORMATION

Ahmed Mohammed Ahmed Osman Date of Birth: 20.01.1982 Nationality: Sudanese
Language: Arabic, English Contact address: Department of
Pathology Faculty of [...]

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Nationality: Sudanese

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Contact address:

Department of Pathology

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Conferences, Workshops and Symposia

1- International Congress of Hydatidology and Symposium on Zoonoses. 15- 19 June 2007, Athens, Greece. Publications 1- Ahmed M.A. Osman; [...]

1- International Congress of Hydatidology and Symposium on Zoonoses. 15- 19 June 2007, Athens, Greece.

Publications

1- **Ahmed M.A. Osman**; Rihab A. Omer; Imadeldin E. Aradaib. (2007). Rapid and Simple Method for Specific Identification of *Echinococcus granulosus*- complex using the PCR. (manuscript).

2- Imadeldin O. Abdelrahman; Nabila M. Elbagir; **Ahmed M. A. Osman**;Safa A. Sharfi; Imadeldin E. Aradaib. (2007). PCR Detection of *E.coli* in Chicken Fecal Samples. (Submitted).

3- Afraa T. Elata; Imadeldin E. Aradaib Masaad A. Eldibaib; **Ahmed M.A Osman**; AbdelRahman M.A. Saeed; Abdelrahim E. Karrar. (2007). Genome Segment 6 (NS1) is Conserved Among Cognate genes of Bluetongue Virus Serogroup. *International Journal of Molecular Medicine and Advanced Science*. **3**(1): 59- 62.

4- Khairalla M.S. Khairalla, Imadeldin E. Aradaib, Tigani Hassan, Ali A. Majid, Abdelrahim E. Karrar, **Ahmed M.A. Osman** and Osman A. Osman. (2006). Development and Evaluation of Nested PCR for Specific Identification of Swine-I Products in Processed Food and Animal feed concentrates. *Journal of Food Technology***4** (2): 160- 165.

RESEARCH

I have just finished a research corresponding my master research work titled as (Pathological and Biomolecular Study on Hydatid [...])

I have just finished a research corresponding my master research work titled as (Pathological and Biomolecular Study on Hydatid Disease). The biomolecular part, is to develop a PCR based-assay for rapid and specific detection of *Echinococcus granulosus* strains (genotyping) using the mitochondrial gene NADH dehydrogenase subunit 1 as a target gene. The pathological part, including parasitological examination (cyst size, cyst fluid amount and the cyst fertility); chemical analysis of the cyst fluid; histopathological and histochemical studies on the cysts which collected from different intermediate hosts.

ACADEMIC AND SCIENTIFIC MEMBERSHIP

Society for Applied Microbiology (SFAM) UK I was a member of the society of the year 2003. The society [...]

Society for Applied Microbiology (SFAM) UK

I was a member of the society of the year 2003.

The society interested in: General Microbiology, Environmental Microbiology and Molecular Biology.

International Veterinary Students Association (IVSA)

I was a member of International Veterinary Student Association (IVSA) when I was an undergraduate student.

Academic positions

Molecular Biology Laboratory (MBL), Dept. of Medicine, Pharmacology and toxicology, Faculty of Vet. Med. University of Khartoum: May 2005- present [...]

Molecular Biology Laboratory (MBL), Dept. of Medicine, Pharmacology and toxicology, Faculty of Vet. Med. University of Khartoum: May 2005- present I am working as research assistant at the Molecular Biology Laboratory (MBL) since I had been accepted as a master student. The Molecular Biology Laboratory (MBL) is the most reputed laboratory in molecular diagnostics and research in the Sudan. Department of Pathology, Faculty of Vet. Med. University of Khartoum: Sept. 2005- present I had been appointed as Teaching Assistant at Department of Pathology since September 2005. Duties include: -Teaching the histopathology practical for the undergraduate students. – Teaching morbid anatomy for the undergraduate students in addition to conducting necropsies.

Awards

- Winner of the University of Khartoum prize for the best academic performance in the third year of the Faculty [...]
- Winner of the University of Khartoum prize for the best academic performance in the third year of the Faculty of Veterinary Medicine in the year 2000- 2001, when I was studying Microbiology; Virology; Immunology; Parasitology and Pathology.
- Winner of the University of Khartoum prize for the best academic performance in Medicine, Pharmacology and Toxicology in fifth year of Faculty of Veterinary Medicine in the year 2002- 2003.

Courses

Global Malaria in the Post Genomic Era: Biodiversities, Immunities and Interventions

I had acquired a course in Global [...]

Global Malaria in the Post Genomic Era: Biodiversities, Immunities and Interventions

I had acquired a course in **Global Malaria in the Post Genomic Era: Biodiversities, Immunities and Interventions**. 27th Nov- 1st Dec. 2006 Division of Infectious Diseases, Dept. of Medicine, **Karolinska Institute**, Stockholm, Sweden as postgraduate course. The course included:

- * The epidemiological characteristics of malaria.
- * Drug resistance in parasites.
- * The origin and evolution of *P. falciparum*.
- * The new insights to malaria chemotherapy.
- * The disease eradication strategy.

EDUCATION

Master of Veterinary Science (M.V.Sc.), Faculty of Veterinary Medicine, University of Khartoum in 2008. Bachelor of Veterinary Medicine [...]

Master of Veterinary Science (M.V.Sc.), Faculty of Veterinary Medicine, University of Khartoum in 2008.

Bachelor of Veterinary Medicine (B.V.M), Faculty of Veterinary Medicine, University of Khartoum in 2003.

INTERNATIONAL CONTRIBUTIONS

I.V.S.A Lake week, Macedonia As a member of the IVSA, I had participated in IVSA Lake Week in Macedonia [...]

I.V.S.A Lake week, Macedonia

As a member of the IVSA, I had participated in IVSA Lake Week in Macedonia in Skopje and Ohrid, April 2003.

Veterinary Practice in Sweden

I did practice in two Vet. Clinics in Sweden:

-The first one: At **ATG Equine Clinic** during 12- 21 of Nov. 2003.

ATG Hastjukhus is a veterinary clinic specialized in treatment of horses.

-The second one: At Anaset Veterinary District during 25th of Nov to 7th of Dec 2003.

The station mostly treats animals in diary industry and also treats companion animals

PROFESSIONAL EXPERIENCE

As I am studying veterinary medicine, I have acquired necessary skills in the field of veterinary medicine. Professional experience [...]

As I am studying veterinary medicine, I have acquired necessary skills in the field of veterinary medicine. Professional experience includes:

Khartoum National Teaching Hospital: Aug 2000

Main duties include: Clinical examination, diagnosis and treatment as general veterinary practice.

Central Veterinary Research Laboratory: June 2001

There was a rotation around many units such as: section of Diagnosis & Clinical Pathology; Microbiology & Virology; poultry; Nutrition and Parasitology.

Department of Police Dogs, Ministry of Interior Affairs: March 2003

Duties include: Supervision of dogs since birth until maturation and adult stages as healthy dogs including the vaccination programs, also treating the ill dogs after laboratory diagnosis.

Al- Kadaro Slaughterhouse: Feb 2004

I did practice at the mentioned abattoir at the meat inspection unit, by examine animals before and after slaughtering (ante-mortem and postmortem examination).

Publications

- 1- **Ahmed M.A. Osman**; Rihab A. Omer; Imadeldin E. Aradaib. (2007). Rapid and Simple Method for Specific Identification of *Echinococcus granulosus*- complex using the PCR. (manuscript).
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- 3- Afraa T. Elata; Imadeldin E. Aradaib Masaad A. Eldibaib; **Ahmed M.A Osman**; AbdelRahman M.A. Saeed; Abdelrahim E. Karrar. (2007). Genome Segment 6 (NS1) is Conserved Among Cognate genes of Bluetongue Virus Serogroup. *International Journal of Molecular Medicine and Advanced Science*. **3**(1): 59- 62.
- 4- Khairalla M.S. Khairalla, Imadeldin E. Aradaib, Tigani Hassan, Ali A. Majid, Abdelrahim E. Karrar, **Ahmed M.A. Osman** and Osman A. Osman. (2006). Development and Evaluation of Nested PCR for Specific Identification of Swine-I Products in Processed Food and Animal feed concentrates. *Journal of Food Technology***4** (2): 160- 165.