

## Curriculum Vitae

**Name** Asim Osman Abdoun Mokhtar

**Date of Birth** 1.1.1981

**Nationality** Sudanese

**Gender** Male

**Addresses** Assistant professor, department of microbiology, Faculty of Veterinary Medicine,  
University of Khartoum.  
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**Education:**

2014 Ph.D. (Immunology), Institute of Endemic Diseases ,University of Khartoum, ,  
Sudan.

2000-2005 B.Sc.(Hons) First Class, Department of Zoology, Faculty of Science, University  
of Khartoum.

**Teaching experience:**

2014 up to date Part-time lecturer , Faculty of Medicine University of Khartoum.

2013- up to date Part-time lecturer , National College for Medical & Technical Studies.

2005 -2012 Part-time teaching assistant, Department of Zoology, Faculty of science  
,University of Khartoum.

2005 -2015 Part-time teaching assistant, Faculty of Medicine University of Khartoum.

2011-2014 Part-time teaching assistant, department of biology, EL Nile College.

2005- 2012	Part-time teaching assistant, Faculty of Pharmacy University of Khartoum.
2005- 2012	Part-time teaching assistant, Faculty of Dentistry ,University of Khartoum.
2006-2008	Part-time teaching assistant, faculty of veterinary medicine, University of Khartoum.
2006-2007	Part- time teaching assistant, department of biology, faculty of Education , University of Khartoum
2005- 2006	Part-time teaching assistant at faculty of science, Omdurman Islamic University.

#### **Lab experience:**

- DNA and RNA extraction.
- Polymerase Chain Reaction (PCR).
- Real time PCR.
- Restriction Fragment Length Polymorphism (RFLP) analysis.
- Random amplified polymorphism DNA (RAPD).
- Direct Agglutination Test (DAT).
- Enzyme Linked Immuno Sorbent Assay (ELISA).
- Indirect Immunofluorescent Antibody Test (IFAT).
- Sodium dodecyl sulfate-polyacrylamide gel electrophoresis (SDS PAGE).
- Western blotting (immunoblotting).
- Parasite culture.
- Cell culture.
- Evaluation of new rapid tests for Visceral leishmaniasis (VL).

**Training and courses :**

2013 "Molecular Biochemistry in Health Applications" course, Institut Pasteur de Tunis – January 7th- 26th, 2013, Tunis.

2009 Good Clinical Laboratory Practices (GCLP) Workshop (WHO).

2005 National History Museum, University of Khartoum.

2005 Trainee at Fishery Research Center .

2005 Trainee at National Research Center, department of animal reproduction.

2004 Trainee at Electron Microscope Unit, department of zoology, University of Khartoum.

**Projects experience:****Co-Principal Investigator in project under title:**

**Diagnostic accuracy of rk28-based immunochromatographic rapid diagnostic tests for visceral leishmaniasis: a phase 3 clinical evaluation in Sudan. October 2012.**

**Scientific Organizations and NGO'S Membership:**

Since 2006 to date Executive committee of Sudanese Natural Heritage Society-Sudan.

Since 2004 to date Member of Sudanese Natural Heritage Society-Sudan.

Since 2004 to date Member of Sudanese cancer Society.

**Publications:**

**1- Development and comparative evaluation of two antigen detection tests for Visceral Leishmaniasis**

Aarthy C Vallur · Yeung L Tutterow · Raodoh Mohamath · Sowmya Pattabhi · Asrat Hailu · Asim O Abdoun · Abdalla E Ahmed · Maowia Mukhtar · Md Abdus Salam · Meirielly Lima Almeida · Roque P Almeida · Dinesh Mondal · Audrey Albertini · Hashim Ghalib · Malcolm S Duthie · Steven G Reed ·

**2- Diagnostic accuracy of rK28-based immunochromatographic rapid diagnostic tests**

**for visceral leishmaniasis: A prospective clinical cohort study in Sudan**

Maowia Mukhtar · Asim Abdoun · Abdallah E Ahmed · Hashim Ghalib · Steven G

Reed · Marleen Boelaert · Joris Menten · Musa M Khair · Randall F Howard ·

**3- Comparison of Point-of-Care Tests for the Rapid Diagnosis of Visceral Leishmaniasis**

**in East African Patients.**

Asrat Bezuneh · Maowia Mukhtar · Asim Abdoun · Tedla Teferi · Yegnasew Takele · Ermias

Diro · Asfaw Jemaneh · Welelta Shiferaw · Hirut Wondimu · Ajay Bhatia · Randall F

Howard · Hashim Ghalib · Gregory C Ireton · Asrat Hailu · Steven G Reed ·

**4- A global comparative evaluation of commercial immunochromatographic rapid**

**diagnostic tests for visceral leishmaniasis**

Cunningham J · Hasker E · Das P · El Safi S · Goto H · Mondal D · Mbuchi M · Mukhtar

M · Rabello A · Rijal S · [...] · Jacquet D · Magiri C · Muia A · Kesusu J · Aged AF · Galal

N · Osman OS · Gupta AK · Bimal AS · Das VN ·

**5- Design, Development and Evaluation of rK28-Based Point-of-Care Tests for**

**Improving Rapid Diagnosis of Visceral Leishmaniasis**

Sowmya Pattabhi · Jacqueline Whittle · Raodoh Mohamath · Sayda El-Safi · Garner G

Moulton · Jeffrey A Guderian · Danny Colombara · Asem O Abdoon · Maowia M

Mukhtar · Dinesh Mondal · Javan Esfandiari · Shailendra Kumar · Peter Chun · Steven G

Reed · Ajay Bhatia ·

**References:**

- 1- Professor Maowia M. Mukhtar, Institute of Endemic Diseases, University of Khartoum. P.O. Box 11463, Khartoum, Sudan; Tel; +249912234268 E-mail; [mmukhtar@tropmedicine.org](mailto:mmukhtar@tropmedicine.org)
- 2- Dr.Sumaya Mohamed Ahmed ABUKASHAWA, Assistant Professor ,Department of Zoology, Faculty of Science, University of Khartoum. P.O.Box 1366, Postal Code 11111, Khartoum, SUDAN ,Mobile: +249-0912394045, Fax: +249- 83-472869.