

Curriculum Vitae

Najwa Adam Mhmoud Juda

Summary page

Name	Najwa Adam Mhmoud Juda
Gender	Female
Nationality:	Sudanese
Place of Birth:	khartoum
Marital Status:	single
Qualifications	B.Sc. Honor Medical Laboratory Sciences (Division I), Major (Medical Microbiology) Faculty of Medical Laboratory Sciences University of Khartoum (Sudan).
Current position :	University of Khartoum Faculty of Medical Laboratory Sciences Head of Micriobiology Department E-mail : Infkogodaster@gmail.com Mobile: +24911701960
Field of interest :	Diagnostic Microbiology , Epidemiology of infectious diseases
Publications :	published papers in International Journals (American, Scandinavian & African)

Academic Appointment

2007 - 2010	Teaching Assistant - Nile College
2011 - 2014	lecturer - Nile College
May 2010 – July 2013	Assistant of programme coordinator - programme of Medical Laboratory Sciences. Nile College
2013 up to date	Head of Microbiology Department - programme of Medical Laboratory Sciences. Nile Collage (www.nileuniversity.edu.com)
October 2014 up to date	Assistant Professor of Medical Microbiology . Nile Collage (Pending for promotion to Associate Prof.)
October 2014 up to date	Assistant Professor of Medical Microbiology (Pending for promotion to Associate Prof.) (Mycology& Immunology). University of Khartoum Faculty of Medical Laboratory Sciences, Khartoum (Sudan)
2008up to date	Research follow at Mycetoma Research Centre. Department of Mycology&Immunology. Soba Hospital University. University of Khartoum
31 October 2015 up to date	Response from Mycology and immunology works During Clinical trial (A Randomized ,Double Blind Phase II Proof – of- Concept Superiority Trial of Fosravuconazole 200mg or 300 mg Weekly Dose Versus Itraconazole 400mg Daily , All Three arms in Combination with Surgery , in Patients With Eumycetoma in Sudan.) . Drugs for Neglected Diseases initiative (DNDi) WHO-Geneva and Mycetoma Research Centre .University of Khartoum . Khartoum (Sudan)
15 July 2017 to 02 January 2018	Coordinator of the Medical Laboratory Sciences Programme, Nile College (www.nileuniversity.edu.com)
	Head of Microbiology Department. Faculty of medical laboratory sciences. University of Khartoum.

Personal Details

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Address:	University of Khartoum Faculty of Medical Laboratory Sciences Department of Microbiology E-mail : Infkogodaster@gmail.com Mobile: +24911701960
Present Position:	-Assistant Professor Head of Department of Microbiology Faculty of Medical Laboratory Sciences University of Khartoum P.O. Box 11081,mlab@uofk.edu
Additionally:	- Assistant Professor (Pending for promotion to Associate Prof.) Nile Collage Programme of Medical Laboratory Sciences Head of Department of Microbiology - Research follow Mycetoma Research Centre. Department of Mycology&Immunology. Soba Hospital University .University of Khartoum.

Academic Qualifications

- **December 2003** B.Sc. Honor Medical Laboratory Sciences (Division I), Major (Medical Microbiology) Faculty of Medical Laboratory Sciences University of Khartoum (Sudan).
- **January 2007 – 2009** M.S.c Medical Microbiology Faculty of Medical Laboratory Sciences. University of Khartoum (Sudan).
- **2010 - March 2014** Ph.D. Medical Microbiology. Faculty of Medical Laboratory Sciences University of Khartoum (Sudan). Mycetoma Research Centre and Erasmus MC, Department of Medical Microbiology and Infectious Diseases. Rotterdam .The Netherlands .

Employments

Training

- **Dates 2001- 2002**

In-service Program in 4th year in B.Sc syllabus .

Name of organization providing training : Soba Hospital university . National Health Laboratory, Khartoum (**Sudan**)

- **Dates October 2010- December 2010**

Molecular Biology Techniques

Name of organization providing training : Erasmus MC, Department of Medical Microbiology and Infectious Diseases. Rotterdam .The Netherlands

Courses:

2009 Getting it published . Pre conference workshop held in Mycetoma International Week during the period from 28 to 30 October 2009 , University of Khartoum Khartoum, Sudan.

2009 How to ensure that technology can enhance learning . Pre conference workshop held in Mycetoma International Week during the period from 28 to 30 October 2009 , University of Khartoum Khartoum, Sudan.

2009 Personal & professional effectiveness . Pre conference workshop held in Mycetoma International Week during the period from 28 to 30 October 2009 , University of Khartoum Khartoum, Sudan.

- 2009** Self Evaluation & Quality Administration .Lecturer : Mr. Ronald Flynn.
Name of organization providing course University of Khartoum, Khartoum (Sudan).
- 2013** Course of Medical Mycology 2013, Sun Yat-sen University, Guangzhou, China.
- 2014** Medical statistics using Stata Course. Lecturer :Dr. Ula Nur, London School of Hygiene & Tropical Medicine.
- 2014** Accreditation of testing & calibration laboratories According to ISO 17025. Conducted by :Eng. Khaled Sadek-Quality Consultant, Khartoum, Sudan
- 2014** Soba Breast Cancer Surgical Workshop. University of Khartoum ,Khartoum, Sudan.
- 2015** The 6th Annual Conference .The medical &Health Sciences Studies .How to write a winning proposal &to Raise Research Funds . Held in the period, 19th February 2015 . Mycetoma Research Centre .University of Khartoum . Khartoum (Sudan)
- 2015** The 6th Annual Conference .The medical &Health Sciences Studies. Molecular Diagnosis of Mycetoma Held in the period, 19th February 2015 . Mycetoma Research Centre .University of Khartoum . Khartoum (Sudan).
- 2015** Writing Proposal &Research Fund Raising Training Workshop . Soba Training ,Education&Examination centre , Soba University Hospital on 30th -31st May 2015 Conducted by professor. Ed. Zijlstra. University of Khartoum ,Khartoum, Sudan.
- 2015** Introduction to Good Clinical Practice Course from the 31st October to the 1st of November 2015. Drugs for Neglected Diseases initiative (DNDi) and Mycetoma Research Centre .University of Khartoum . Khartoum (Sudan)
- 2016** Khartoum Winter School of Bioinformatics and Statistical Genetics course from the 24th of January to the 2nd of February 2016, Institute of endemic diseases University of Khartoum ,Khartoum, Sudan.

2016 Advance Immunology course from the 23th of October to the 7th of November 2016, Institute of endemic diseases University of Khartoum ,Khartoum, Sudan.

2018 Molecular biology training course from 28th of January to 28th of March 2018 Department of Biomedical Sciences, University of Sassari, Sassari, Italy.

International presentations

2009 Oral presentation Mycetoma International Week, University of Khartoum Khartoum, Sudan.

2009 The 6th Scientific Meeting of Scientific Society for Arab Faculties of Medicine, University of Khartoum , Khartoum, Sudan.

2011 Oral presentation Mycetoma International Week, University of Khartoum, Khartoum, Sudan.

2012 Poster presentation International Society for Human and Animal Mycology (ISHAM), Berlin, Germany .

2013 Fifth meeting of the ISHAM working groups on Black Yeasts and Chromomblastomycosis ,Sun Yat-sen University, Guangzhou, China.

2018 Poster presentation International Society for Human and Animal Mycology (ISHAM), Amasterdam, Netherlands .

Teaching Experience

- More than 10 years teaching medical students in Medical Colleges, Sudan (2007 up to date).

- August 2008 – January 2018:

Serving Programme of Medical Laboratory Sciences. **Nile Collage** in teaching:

- 2nd, 3rd, 4th& 5th year students of MLS.

- April 2015 - to date:

Serving Khartoum University, Faculty of Medical Laboratory Sciences(FMLS) in teaching:

- 2nd, 3rd, 4th& 5th year students of FMLS.

- Postgraduate students studying for M.Sc. degree in medical microbiology FMLS . Khartoum University

Part time teaching of:

- Postgraduate students studying for M.Sc. degree in medical microbiology at Sudan International University (2015-2016).
- Postgraduate students studying for M.Sc. degree in medical microbiology at National University (2018).

Community services

1. Training of staff working at Mycetoma Research Centre Laboratory regarding microbiological investigations related to eumycetoma fungal isolation.
2. Technical and scientific supervision of the team conducting mycological investigation of mycetoma causative agents in White Nile state , specifically searching for possible environmental ecology of the causative agents during the period from 2010 up to date
3. Technical and scientific supervision of the team conducting mycological investigation for mycetoma causative agents in Sinna State , specifically searching for possible environmental ecology of the causative agents during the period from 2015 up to date . Covering two major villages endemic with mycetoma (Wad Onsa and Wad Alnemeer).
4. Regular medical, health services and education program conducted by mycetoma research centre to serve our community at large scale remote areas endemic with mycetoma in White Nile State ,Sinnar State and Gazera state starting from 2010 up to date .

Field of expertise and research interests:

1. *M. mycetomatis*: its extracellular matrix and its interactions with *Staphylococcus aureus*
2. Pathogenesis of *Madurella mycetomatis* and *Mycobacterium tuberculosis*
3. Genome Comparison of *Mycobacterium tuberculosis* clinical and laboratory strain among Sudanese infected patients in Khartoum state – Sudan
4. Association of Toll –like receptors gene polymorphisms with multi-drug resistant tuberculosis (MDR TB) patients in Sudan.

5. Association of, IFN γ , IL-12, IL-4, IL-5, IL-10 and TGF- β 1 gene polymorphisms with multi-drug resistant tuberculosis (MDR TB) patients in Sudanese population.
6. *Mycobacterium tuberculosis* infection: immune evasion and host genetic susceptibility of diagnostic importance.

Memberships

International Society for Human and Animal Mycology (ISHAM)

(International) collaborations

- Professor Ed Zijlstra, Professor of Medicine .Erasmus Medical Centre. University of Rotterdam .The Netherlands .
- Professor Sybren de Hoog. Centraal bureau voor Schimmelcultures, Utrecht, The Netherlands
- Dr. Wendy W.J. van de Sande. Erasmus MC, Department of Medical Microbiology and Infectious Diseases. Rotterdam .The Netherlands .
- Prof Salvatore Rubino. Department of Biomedical Sciences, University of Sassari, Sassari, Italy.
- Dr Antonella Santona. Department of Biomedical Sciences, University of Sassari, Sassari, Italy.
- Dr Maura Fiamma, Department of Biomedical Sciences, University of Sassari, Sassari, Italy.

Referees

1. Professor. Bilal NE, Professor of Microbiology, Faculty of medical laboratory sciences. University of Khartoum. P.O Box 11081 Khartoum 1111 Sudan. E-mail: nasereldin2001@yahoo.com.
2. Professor. ElSheikh Mahgoub , MBBS, MD, PhD, FRCPath, Professor of Microbiology University of Khartoum. P.O Box 11081 Khartoum 1111 Sudan. E-mail: mahgoubsh@gmail.com
3. Professor .Ahmed Hassan Fahal, MBBS, FRCS, FRCSI, MD, MS, FRCP (London) Professor of Surgery University of Khartoum. P.O Box 11081 Khartoum 1111 Sudan. E-mail: ahfahal@hotmail.com – ahfahal@uofk.edu

Co-Supervision of postgraduate students

Title of Project	Name of Candidate	Institution	Degree	Status
Association of, IFN γ , IL-12, IL-4, IL-5, IL-10 and TGF- β 1 gene polymorphisms with multi-drug resistant tuberculosis (MDR TB) patients in Sudanese population.	Azza Bashir Elsheikh Mohammed	University of Khartoum	PhD	Running
Association of Toll -like receptors gene polymorphisms with multi-drug resistant tuberculosis (MDR TB) patients in Sudan.	Sara Elsir Mohamed El-Hassan	University of Khartoum	PhD	Running
<i>Mycobacterium tuberculosis</i> infection: immune evasion and host genetic susceptibility of diagnostic importance.	Salma Abd El-Rahman Mohammed Moharrum	University of Khartoum	PhD	Running
Genome Comparison of <i>Mycobacterium tuberculosis</i> clinical and laboratory strain among Sudanese infected patients in Khartoum state - Sudan	Amna Abuelgasim Al Bedri	University of Khartoum	PhD	Running

Supervision of postgraduate students (MSc)

Title of Project	Name of Candidate	Institution	Degree	Status
Association of Vitamin D Receptor Gene Polymorphisms and vitamin D deficiency in Tuberculosis Patients in Khartoum State - Sudan	Sahar Abdulla Elsiddiq Mohamed	University of Khartoum	MSc	Running
Vncomycin Resistant <i>Staphylococcus aureus</i> Clinical isolates among Sudanese Patients	Limia Mohamed Eldirdiri Sara Essa Khogly	University of Khartoum	MSc	Award degree 2016
Detection of genomic mutations in katG, inhA and rpoB genes of <i>Mycobacterium tuberculosis</i> isolates using polymerase chain reaction and multiplex allele-specific polymerase chain reaction	Ahmed Mosa	University of Khartoum	MSc	Award degree 2016
Polymorphism in β chemokines in tuberculosis patients	Tawadod Hamza Abubaker	University of Gezira	MSc	Running
The Role of Cytology in Diagnosis of <i>Madurella Mycetomatis</i> in Sudanese	Nuha Yousif Ali Yousif	University of Gezira		Award degree

Ptients				2015
Prevalence of Isoniazid and rifampicin resistant genes among suspect multidrug-resistant tuberculosis patient using GenoType MTBDRplus assay	Omar Mahgoub Abdalla Talal Abdel Mahmoud Elsharif	University of Khartoum	MSc	Award degree 2015
Antimicrobial Activity of <i>Cadaba farinosa</i> against Selected Bacterial and Fungal Isolates	Nazek.B.Hamid Tasabieh.A.Ahmed	University of Khartoum	MSc	Award degree 2015
Bacterial Drug Resistance in Patients With Urinary Tract Infection In National Public Health Laboratory	Alaa HA Mohammed	University of Khartoum	MSc	Award degree 2015
Evaluation of performance of tuberculosis management units TBMs in different Sudanese states in 2014	Reem Abd ehgani Elsheikh	University of Khartoum	MSc	Award degree 2015
Prevalence and Antimicrobial Susceptibility of Urinary Tract Infections in Khartoum State	Safa A.Ali Abeer B. idriss Ryan fadlalbaree	University of Khartoum	MSc	Award degree 2015
Plasma level of TH-2 cytokines (Interlukine 10 and Interlukine 5) in Sudanese patients with plumanory tuberculosis	Nancy Mohamed Nafisa mohammed Lobna Mohyeldin Sulafa Mahmoud Safa siddig	University of Khartoum	MSc	Award degree 2016
Plasma level of TH-1 cytokines (Interlukine 12 and Interferon γ) in Sudanese patients with plumanory tuberculosis	Hadia Babiker Abdelbasit Yasmin Brier Basher	University of Khartoum	MSc	Award degree 2016
Plasma level of interleukin-12 in tuberculosis patients in Sudan	Sara Badreldin Abdelrhman Sheren Fathi ibrahim Nafisa fareed mohammed	Sudan International University	MSc	Award degree 2016
Plasma level of interleukin-5 in tuberculosis patients in Sudan	Hasab Alla Gubart Alla Mursal Amal Adam Hamid Musa Samah Mohamed Abdalla	Sudan International University	MSc	Award degree 2016
Estimation of Gamma Interferon(INF- γ) Level in Tuberculosis Sudanese Patients in Khartoum State	Abdel Rahman Mohammed Ali Hassan EsamEldeen Ahmed Mohamed Alamin IbrahimAbdallahAbdAlla Osman Mohimmen Mohammed YousifElsayed	Sudan International University	MSc	Award degree 2016
Assessment of plasma level of IL6 among tuberculosis Patients in Khartoum, Sudan	Ahmed Isam Aldein Hossam Hajana Mergani Alhassan	Sudan International University	MSc	Award degree 2016
Vitamin D levels in Tuberculosis Patients in Khartoum State - Sudan	Ammar hashim Hamza khider hamza Heba ahmed abdalla Malaz gamal Mohammed Razan talat dafallah	University of Khartoum	MSc	Award degree 2020
Rapid diagnosis of pulmonary tuberculosis using GeneXpert@MTB/RIF assay In Khartoum	Omer Abdelmotalib Abdelrhman Ibrahim Maram Taha Abubaker Adam , Eshraga Albager Alballal Alamin	University of Khartoum	MSc	Award degree 2020

Emerging of Pulmonary fungal Infections in patients infected with Mycobacterium tuberculosis.	EslamT.Gebriel MalazA.Mohammed Omnia Ali H	University of Khartoum	MSc	Award degree 2020
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Supervision of 5th year Honors students (Partial Research)

Title of Project	Name of Candidate	Institution	Degree	Status
Assessment of Bacteriological Quality of drinking water In Khartoum City	Abass Ahmed Ali Ahmed Ahmed Elsheikh Saleem	Nile College	BSc	Award degree 2013
Reference range of CBC among eumycetoma patient in soba hospital in 2013	Lobna Abd allah Hamed	Nile College	BSc	Award degree 2013
Assessment of Bacteriological Quality of drinking water In Khartoum City and test the efficiency of zinc oxide in decontamination of water.	Lamia Mohammed Abdalgder Tagwa Babker	Nile College	BSc	Award degree 2014