Curriculum Vitae

Ehab Abdulaziz Mohamed Elagab

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Personal data:

Gender: Male

Date of birth: 13 November 1979

Nationality: Sudanese

Marital status: Married

Career and objective:

Oriented and qualified in immunology teaching and clinical related research with experience in clinical practice and endemic diseases research

Willing to obtain more in-depth understanding of the immunology subject for application in to the field of medicine and clinical research.

Present position:

- Lecturer of immunology at faculty of medicine and faculty of medical, laboratory, Najran University.

- Medical courses co-ordinate –faculty of medicicne . Najran University

- Najran University hospital staff(GP)- internal medicine department.

Educations:

- **Institute of endemic disease, Graduate College, Khartoum University. Sudan 2011**

MSc immunology (excellent grade).

- **Sudan medical specialization board of clinical immunology 2010** -Pass the Selection exam

- **Sudan Ministry of Health, Internship may 2007-october 2010** Internship certificate (excellent).

- **Faculty of medicine and health science, Kassala University, Sudan 2006**

MBBS (excellent grade

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Licenses

Saudi commissions for health specialty 2011.

Sudan Medical council 2008.

Skills

Research skills:

Writing good research proposal

Writing paper manuscript

Organize and maintain accurate records of the data collection activities

Coordination of field trip research work in endemic area

Performed basic molecular techniques such as gel electrophoresis, DNA & RNA extraction -PCR etc.

ELISA,

Fine needle aspiration of the peripheral lymph nodes.

Use of hemocytometer.

White cell separation technique.

Comprehension ability in handling complex theoretical and practical aspects of immunological projects

Good information about flow cytometer

Good information about whole genome sequence.

Teaching skill:

Strong written and oral communication.

Strong interpersonal skills. Ability to work independently.

Ability to learn new things quickly.

Clinical skills

Patients' history and examinations

Good doctor patients' communication skills

Clinical diagnosis skills

blood sample extraction

Fine needle aspiration extraction

Personal skill

Team leader, discussion leader, and Ability to work in a Team efficiently.

Hard working, able to do work under pressure. Flexible & Adaptable

Good Communications skills.

Computer skill

Microsoft excel

Microsoft word and power point

Database and analysis programs (SPSS, Sigma plot)

Research Interest:

I will be excited to explore different research areas of immunology

- Immunology in understanding disease pathology like chronic resistance infections.
- Immune regulation like understanding complexities of signaling cascade in different immunological cells or lymphocytes.
- Understanding basic immunological concepts, which can be translated to bedsides.

Work History

10/2012 - Current	**Najran University, Faculty of medicine. department of hematology and immunology** – Najran, Saudi arabia **Lecturer**
03/2008 - Current	**Mycetoma Research Center University of Khartoum** – Khartoum, Sudan **Research Fellow**
06/2011 - 06/2012	**King Khalid Hospital Najran** – Najran, Saudi Arabia **Resident doctor**
03/2009 - 04/2011	**Imperial Hospital** – Khartoum, Sudan **Resident doctor**
02/2009 - 04/2011	**Insititute of endemic disease, University of Khartoum** – Khartoum, Sudan **MSc student**
05/2007 - 07/2008	**Ministry of health** – Khartoum Sudan, Sudan **internship doctor**

Professional experience

Research experience

Mycetoma research center

I joint the center 2008 after I shared the staff in data collection from endemic area ,then I get training in research methodology data analysis ,more detailed about disease management and complications ,then I share in patient management and follow up at the outpatient clinic and data collection and analysis

Moreover, I found with staff mycetoma patient friends society to help the power patient to get their expensive treatment

Till now I am fud raising director of mycetoma foundation see the link +

+endemic disease, then I joint them as master student in immunology

Using ELISA technique I measure cytokines concentrations (IL-10, INF gamma, TGFbeta, TGF Alfa) to get an idea about which type of immune response mediate the disease . The studied confirmed that IL-10 is higher in patient compare with control in contrast with INFgamma which is higher in patients indicated the eumycetoma mediated by CD4 TH2 cells

.this work published in 2014

PLOS Journal of neglected tropical disease in the title of

Peripheral Blood Mononuclear Cells of mycetoma patients react different to *Madurella mycetomatis* antigens than healthy endemic controls

I am one of the founder of Mycetoma national control program ministry of health in Sudan we design the policy ,strategies and plan of the program ,and we conduct the first major an epidemiological study with mycetoma research center group in the endemic area in Sudan (White Nile State, AL- Andalus Village) we present the work in Mycetoma week 2011 in Khartoum ,Soba hospital .

In Najran University I joint, diabetic research group in two ongoing projects studying the autoimmune disease associated with type 1 DM and other project studying diabetic patients and fasting Ramadan for Muslim

Moreover, I am a team leader in ongoing research project in title: Role HLA /KIR and Natural killer cells in pregnancy loss in KSA

Teaching experience:

Lecturer of both basic and clinical immunology since 2012 Najran university. Faculty of medicine, and medical laboratory. I am providing student to understanding Immunobiology, immunology and immunohistochemistry.

Topics includes

General properties and components of immune system

Regulation maturation activation of the immune cells. Cytokines

Types of immunity, Development and immunological tolerance mechanisms

Infection and Immunology, Hypersensitivity reactions, Cancer and immunology

Autoimmunity, HLA and transplantation immunology and rejection

In addition to the laboratory teaching activity. I confirmed that my student follows laboratory safety measure and get practice to do agglutination reactions

Including the rapid tests, immunoprecipitation test (RID test), CFT, Immunoflouresent test, Radioimmunoassay, ELISA, Principles of flow cytometer,

Clinical experience

In internship 2007- 2008 I have finished six shift in main teaching hospital in Sudan. During this period I was oriented enough to all emergency procedures tackling all emergency cases. I have learn all discipline in the cold cases in general medicine, surgery, obstetrics and gynecology, and pediatrics.

I joint imperial private hospital as medical resident. My job was assessment of patients with medical problem and infection dealing with management and follow up in OPD. i get experience in ER and ICU in how to manage very critical ill patients and emergencies. Then I was assigned to be Medical director imperial hospital 2010-2011.

. Supported by more practice when I joint king Khalid hospital KSA in 2011 and Najran University hospital as part of hospital infection control team .At the same time 2009-2011. I was joint Institute of endemic disease university of Khartoum. I saw and follow a lot of endemic infection cases I get experience on how to aspirate lymph node by fine needle, new medications of endemic infections and follow up

Conferences courses and workshops:

-Work shop research proposal	` (Soba hospital) 2008
-Mycetoma international week attendance	Jan 2009
-Mycetoma international conference	Khartoum. Sudan 2011(speaker)
-GIT workshops during	Khartoum. Sudan 2009
-Disaster management course	Khartoum. Sudan 2009
-GCLP (good clinical and laboratory practice)	University of Khartoum 2009
Immediate life support	Khartoum. Sudan 2010
Advance cardiac life support	Khartoum. Sudan 2011
JCIA course for hospital quality accreditation	KKH NAJRAN 2011
Hand hygiene workshop	KKH NAJRAN 2011

-Basic practices in infection prevention

And control course KKH NAJRAN 2011

-Basic life support (CPR) course KKH NAJRAN 2011

-First symposium of immunology RMH December 2011

--Workshop on conscious sedation KKH Najran 2012

-Scientific day on activity of prince Mishaal chair

For Endemic disease in Najran area. Najran University 2012

-Developing Research Abilities Idea Formulation and Research Management. one day training 19 November. King Abdul-Aziz city for science and technology. 2012

-Strategic Planning course Najran University 2013

-Workshop in how to design questionnaire Najran University 2013

-Advance cardiac live support course AFH 2014

1st Congress of infectious Diseases and infection control AFH 2015

E learning workshops NAJRAN UNIVERSITY. 2015

Flow cytometer course (1 week) January 2016

Student motivation workshop October 2016

Whole genome sequencing course (3 weeks) February 2017

https://www.futurelearn.com/certificates/9ge5p5e

4th international endocrine and diabetes conference poster presentation janaury 2017

One month training in HLA typing laboratory July 2017

Publications:

1-Periphral Blood Mononuclar Cells of Mycetoma patients react different to M.mycetomatis antigen than healthy controls (Puplished in PLOS)

Elagab, Ehab A. M.; Mukhtar, Moawia M.; Fahal, Ahmed H.; van de Sande, Wendy W. J. (PLOS Neglected Tropical Diseases, 2013-04-25)

2- Mycetoma in Sudan: An Epidemiological and clinical study in Endemic area. Acknowledgment

3-Distribution of auto thyroid antibodies among Saudi Children and their effect on glycemic control. Accepted in biological and pharmacological journal 22/1/2017 in vol-10. No 2017

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References:

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Dr. Moawia A Alshiek,

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