
Huda Algriw

University Staff Member

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Personal Details

Name: **HUDA HASSAN AL MUKTAR AL GRIW**

D.O.B: **21-05-1966**

Gender: **Female**

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CAREER HISTORY

Associated professor
Department of Microbiology and parasitology
Faculty of Veterinary Medicine
University of Tripoli

ACADEMIC QUALIFICATIONS

University of Manchester: - PhD in Medicine (Molecular microbiology) **2012**

Faculty of Veterinary Medicine: - Bachelor of Veterinary Medicine and Surgery (BVMS) **1999**

Meitiga school: - Secondary certificate -Science Division/78%, **1985**

10 March institute :- Diploma of Teaching (science)**1983**

PROFILE

Researches & publications

Published:

- AL-GRIW, H. H., ZAIDI, A. M., DRAID, M. M. & EL MARGHANI, A. 2016. Comparative assessment of commercially available Sepsitest™ platform, BactScreen™, and " in-house " MGB-based all bacteria assay for Detection of Bacteraemia in Whole-Blood Samples. . *Libyan Journal of Veterinary and Medical Sciences* 2, 1-8.
<https://www.libyanvet.com/Libyan%20J.%20Vet.%20Med.%20Sci.JUNE%20%20December%20%202016.pdf>
- AL-GRIW, H. H., KRAIM, E. S., FARHAT, M. E., PERRETT, L. L. & WHATMORE, A. M. 2017a. Evidence of ongoing brucellosis in livestock animals in North West Libya. *Journal of epidemiology and global health*, 7, 285-288.
- AL-GRIW, H. H., ZRABA, Z. A., AL-MUNTASER, S. K., DRAID, M. M., ZAIDI, A. M., TABAGH, R. M. & AL-GRIW, M. A. 2017b. Effects of storage temperature on the quantity and integrity of genomic DNA extracted from mice tissues: A comparison of recovery methods. *Open veterinary journal*, 7, 239-243.
- AL-Griw, H. H. et al. Intervention measures applied to control brucellosis in Libya: The needs for effective control programs. *Veterinary Medicine and Public Health Journal* 1(3); 2020:75-80
<https://doi.org/10.31559/vmph2020.1.3.1>
- Effect of Lead Intoxication and Fresh Camel Milk Treatment on Kidney Function Indices in Albino Rats
- Serum Vitamin D Levels and Associated Risk Factors among Libyan Females living in Tripoli (Cross-sectional study).

In process

- Understanding Diagnostic Accuracy: The Challenges of Covid -19 Laboratory Testing

Molecular laboratories technical support

Working with Al-Kawakeb company, Tripoli. Libya as molecular laboratory planner, adviser and technical supporter

Assessment and registration of veterinary Drugs

Libyan Supreme Committee for Registration of Veterinary Drugs preparations and Appliances

Reviewer

Worked as a reviewer for many Journals including:

- **Libyan Journal of Veterinary Medical Science since.**
- **Advances in Animal and Veterinary Sciences Journal, (Nexus Academic Publishers NAP).**
- **Journal of Veterinary Science and Medicine JVSM, (Avens publishing Group).**
- **Preparative Biochemistry and Biotechnology (LPBB)**

AREAS OF EXPERTISE

Molecular Medical Microbiology

- **Different DNA Extraction Methods for Fungal and Bacterial Pathogens from Cultures and Blood samples.**
- **Different Type of PCR assays including: conventional PCR and Real time PCR.**
- **Gel electrophoresis and using Gel documentation system for demonstration quality and purity of the PCR product.**
- **Different type of PCR assays such as SeptiFast (multiplex PCR), Sepsitest, Bactscreen, GramScreen (differentiate between gram positive and gram negative bacterial Spp).**
- **Universal PCR coupled with High-resolution melting analysis for rapid detection and identification of microorganism including 27 brachial spp, 5 Candida spp, and 5 Aspergillus spp.**
- **Using 16S Ribosomal RNA, 23S Ribosomal RNA and inter spacer region of Ribosomal RNA for Bacterial detection and 18S Ribosomal RNA for fungal detection.**
- **Identification of microbial pathogens using Dye based assays (saturated and unsaturated) and Probe based assays including SYBER Green dye, High resolution dye, hydrolysis probe and hybridised probe.**

Laboratory Microbiological skill

Microbiologists analyze blood, tissue, and other samples to find disease-causing organisms in people, animals, and food. include;

- **In-depth experience of working with a variety of microorganisms**
- **Preparation of different methods of staining for primary identification of microorganisms**
- **Preparation of different kind of culturing medium**
- **Growing microbe cultures**
- **Isolating and maintaining cultures of bacteria and other microorganisms; Monitoring, identifying and classifying microorganisms found in different specimens.**
- **Knowledge of air borne, and food borne pathogens.**

- **Knowledge of different physical and chemical methods of sterilization and ensuring compliance to Environmental Health & Safety (EHS) requirements.**
- **Knowledge of all relevant biochemical testing.**
- **Knowledge of susceptibility testing and antibiotics resistance**
- **Fair understanding of QA concepts.**

Research skill

- **Good understanding of research methodologies and how to apply them to projects in a commercial environment.**
- **Writing up research findings and then producing conclusive reports.**
- **Keeping up to date with scientific and research developments.**
- **Supervising researches and writing of thesis, reports, projects including referencing using UpToDate software methods such as Endnote, Mendeley, and reference manager.**

EDUCATION

Manchester University

2006 - 2007

English language courses

Gate way; intermediate and advanced, pre-sessional academic, in-sessional academic courses.

English language Examination

IELTS OVER ALL SCORE (6.0) Candidate number 000836

2007 – 2008

MPhil medicine postgraduate study in Faculty of Medicine and Human Science [FMHS], Manchester University, successfully transferred to PhD following one-year study and viva examination

2008 – 2012

PhD medicine postgraduate study entitled: Molecular Detection of Blood Stream Pathogens in Critical Illness.

Faculty of Medicine and Human Science [FMHS], Translational Medicine, Manchester University,

**University of Tripoli
Faculty of Veterinary
Medicine**

2000 – 2006

Demonstrator in Microbiology and Parasitology Department, Faculty of Veterinary Medicine, University of Tripoli

1994 – 1999

Bachelor's in medical veterinary sciences; animal husbandry and welfare, Biochemistry, Animal nutrition, Physiology, Animal anatomy, Histology, Statistics, Animal breeding and Genetics, Clinic Pathology, Clinic Microbiology, Clinic Parasitology, Pharmacology, Toxicology and Forensic Medicine, Animal Medicine, Surgery, Preventive, Fish Disease and Treatment, Poultry Sciences. Milk and Meat Inspection and Hygiene.

WORKSHOPS AND TRAINING PROGRAMS

2009-2012

Time Management and Project Planning
Your Thesis and Beyond
How to Prepare and Succeed in Your Viva
Electronic Submission
Preparing of High Quality PhD Thesis
Publish or Perish
How to Survive the Review Process
Introduction to Reference Manager
Scopus For Researchers
Web of Science
Pathways Event and Electronic Journal Articles.

2018

Administrative Leadership Diploma

SKILLS

Technical

Speaking two languages; Arabic and English.

Good communication skills.

Familiar with the use of many computer programs and software such as Microsoft office, RefMan, Endnote, Prism, RFlow, PortablePaint.NET3, searching database and internet.

Personal

Hard worker with the ability of time management.
Higher performance and committed to any work I do.
Ability to work both independently and in a team environment.

C O N F E R E N C E S**Health Protection
2010**

Wednesday 15th
September

Health Protection Agency
Coventry, UK.
www.healthprotectionconference.org.uk

**IDRN / HPA Meeting
14 May 2010**

National Space Centre, Leicester, UK.

R E F E R E N C E S

Dr Geoff Warhurst
**Consultant NHS Scientist and Honorary
Reader**
Clinical Sciences
Hope Hospital
Salford. M6 SHD Tel: 0161-2064403/
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Dr Paul Dark
Senior Lecturer & Honorary Consultant
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