



Ahmed I Hashim, PhD

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CAREER SUMMARY

I have been working in the field of Clinical Microbiology for over fifteen years. Throughout my Career, I have always fancied the world of microorganisms and adored the procedures followed in the isolation and identification of those microorganisms from all kind of specimens. I have learned how to prepare all kinds of media, stains and run all the biochemical, serological and sensitivity tests. I have gained much experience in the ways of screening and finding natural antimicrobials. I have started with Kirby Bauer method but, I have adapted to cup diffusion method, MICs, MBCs and time kill kinetics.

My teaching experience covered wide range of topics in clinical bacteriology mycology as well as virology. I have taught microbiology courses to various levels including undergraduate and postgraduate courses. I have been member of the examination committee for over seven years. Currently I supervise MSc. & BSc. (HONS) student's research projects in the College of Medical Laboratory Science (SUST).I have worked as lab. technician in a hospital, in a kidney dialysis and transplantation centre and researcher in addition to my teaching experience. I have good communication skills, as I am competent user of computer and fluent speaker of Arabic, English and Urdu.

PERSONAL PROFILE

DATE OF BIRTH

- 02/03/1973

PLACE OF BIRTH

- Khartoum-Sudan

LANGUAGES

- English, Arabic and Urdu

MARITAL STATUS

- Married

EDUCATION

PhD. Biomedical Sciences **Cardiff Metropolitan University, UK - 2015**

MSc. Clinical Microbiology **University of Karachi, Karachi, Pakistan- 1999**

Post Graduate Diploma in Public Administration- **University of Karachi- 1998**

BSc. (HONS) Microbiology **University of Karachi, Karachi, Pakistan- 1998**

EMPLOYMENT

1. Sudan University of Science and Technology (SUST)

March 2015/Up to date

Assistant Professor

Responsibilities include but are not limited to: Supervision of research projects of MSc. students as well as Fifth year Undergraduate students and teaching Bacteriology to the MSc. qualifying programme as well as second, third, fourth and fifth year students at the College Medical laboratory Science (SUST).

2. Cardiff Metropolitan University

October 2011- June 2012

Demonstrator and Teaching Assistant

My responsibilities covered teaching and administrating practical Microbiology for first and second year students of BSc. (H) Biomedical Science at Cardiff School of Health Sciences (CSHS).

3. Cardiff Metropolitan University

January 2007- September 2014

Academic associate and PhD candidate at (CSHS)

I was member of the honey and wound infection group. My duties were testing various honey samples and natural products for their antimicrobial potential, maintaining stock of reference cultures, presenting seminars and writing reports.

4. Sudan University of Science and Technology (SUST)

June 2001 - February 2014

Lecturer and Teaching assistant

My responsibilities covered teaching practical bacteriology to second, third, fourth and fifth year students and mycology to fourth and fifth year students at the College of Medical Laboratory Science (SUST).



5. Sudan National Centre for Research

January 2002 - January 2004

Research Assistant

My responsibilities covered maintaining stock cultures of reference strains as well as clinical isolates of bacteria and *Candida* sp. Antimicrobial sensitivity testing of different antibiotics using Kirby Bauer method as well as CLSI Standards. Antimicrobial sensitivity testing of essential oils and plant extracts.

6. Faculty of Medicine University of Khartoum

January 2001 - August 2001

Senior Microbiologist

I have worked at Khartoum Dialysis and Kidney Transplantation Centre. My duties were testing various clinical specimens from patients attending the clinic for the isolation and identification of causative agents of infectious diseases, determination of the sensitive antibiotics suitable for treatment, screening and monitoring patients attending the clinic for tuberculosis.

7. El-Ribat University Hospital

December 1999 - December 2000

Junior Microbiologist

My duties covered handling, isolating and identifying various clinical specimens, Serology, and antimicrobial sensitivity testing.



TRAINING/WORKSHOPS/SEMINARS

- Hashim, A., Peters, A., and Cooper R. (2007). A survey on the antimicrobial activity of Sudanese honeys. Conference poster, Society for Applied Microbiology. Microbiology of fresh produce. Park Plaza hotel, Cardiff 2-5 July
- **Training course on Primers design and Next Generation Sequencing. College of Medical Laboratory Science (SUST) 2014**
- **Practical course of Molecular Biology (level 2), College of Medical Laboratory Science (SUST) 2013**
- **Basic Computer Passport Course – Cardiff South Enterprise Centre 2007**
Courses: Computer know how, Word, Access, Excel & Email
- **Grad course – the UK GRAD Programme- University of West England (Bristol) 2006**
- **Basic training course on: Management of Tuberculosis at District Level. Sudan University of Science & Technology and 2004**
- **Theoretical course of Molecular Biology (level 1), College of Medical Laboratory Science (SUST) 2004**
- **Participated in the proceedings of SECOND BIENNIAL INTERNATIONAL CONFERENCE (Microbes, Health & Environment) at Bhurban, Muree Hills, Pakistan 24-26, 1997**
- **Passed Course titled (Orientation to Pakistan and Urdu for Foreigners) - University of Karachi 1995**

PROFESSIONAL ASSOCIATIONS

Member of Pakistan Society of Microbiology (Pakistan) - 1997

Member of Sudanese Society of Microbiology (Sudan) - 2005

Member of Society of General Microbiology (UK) - 2007

Member of Applied Society of Microbiology (UK) - 2007

Member of Institute of Biomedical Sciences (IBMS) (UK) – 2007

- References will be provided upon request-
