

Khdija S Mohamed Ali

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Profile Summary:

Working with People, Drive for Results, Communication, Planning and Organizing, Following Instructions and Procedures, Applying Technical expertise, coping with Pressure and setbacks. Can communicate and deliver reports to senior management at various stages and is extremely competent in the use of all Microsoft office application. Works well as a team receiving and sharing information every step of the way. Now searching for new opportunity to develop a new career with the International organizations.

Summary of Professional Experience

- A good knowledge of analytical development experience in a well-structured laboratory for experimental design and handling of microorganisms such as bacteria and parasite for *in vitro* and in vivo purposes.
- Hands-on experience, strong knowledge of modern techniques development of different forms, good understanding of biological methods requirements of industry
- Experimental expertise at laboratory documentation according to quality standards including all relevant investigations; identification, studies of familiar and unfamiliar work in related scientific field.
- Good knowledge of using and analysing cell surface molecule using Flow Cytometry Method.
- Varies experts in measurement of immune cells response using different method such as ELISA, ELISPOT and proliferation assays.
- A good knowledge and long-time experience in gene manipulation techniques as well as gene expression profiling using polymerase chain reaction (PCR) and Quantitative polymerase chain reaction (qPCR).
- Fluency in English with ability to navigate Microsoft software (Words, Excel, PowerPoint), statistical software (Graph Prisms and Minitab 16), and good communication skills.

Professional Development / Research

- Home Office Licensee Training Course Modules 1, 2 and 3. 12/2014
- Initial Teaching Development Programme course in HE. 2013/2014
- Pathogen Geno-mics and Genomic Epidemiology of Infections Disease 7/2013, London School of Hygiene & Tropical Medicine

- Health and Safety Induction by the School Safety Officer, in the School Science and Technology, Nottingham Trent University, February 2010
- Training workshops on SPSS and NVivo software for research students, at Nottingham Trent University, June, 2010
- Training course on adding audio and video to Microsoft PowerPoint presentations by Library ISTR of Nottingham Trent University, June 2011
- The developmental workshop 'How to be an Effective Researcher' for Postgraduate Research Students (PGRs) by Centre for Professional Learning and Development (CPLD) of Nottingham Trent University, September 2011
- A gas safety UK training course: Compressed cylinder gas safety in accordance with contemporary UK health & safety legislation, associated guidance and code of practice at Nottingham Trent University, February 2012
- Workshop on Finish Up and Move On (FUMO) by Centre for Professional Learning and Development (CPLD) at Nottingham Trent University, 29-30 March 2012.
- Training in Venepuncture and Cannulation. Nottingham City Hospital. 2012.
- Attended PCR arrays: focus on your pathway; delivered by Qiagen Company at QMC 2011.
- Used Kallusa software training section delivered by Beckman coulter Company. 11 August /2010.
- Participated in Nottingham Flow Cytometry Users Meeting. 25/10/2011. University of Nottingham.
- Attended training courses that enabled me to do the animal house work and handling of the radioactive materials.

Teaching Experience:

- Ability to manage and run practical sections in the laboratory for the first, second, third year undergrad students in the following subjects: Genetics & Immunology; Practical Techniques for FdSc; Genetics for identification; Biol. Tech. in Forensic Science and Genetics; Essentials of Living systems; Tech. for FD Biology and Antibody and DNA Tech.; Metabolism and its control. Forensic Biology and microscopy; Aspects of Healthcare Sciences. immunology and virology; Molecular Genetics of human disease; Introduction to cell Biology; Pathop and Pharm of Organ System; Chemotherapy of Cancers and infections; Antibody and DNA Tech; Biochemical Techniques. School of Science & Technology, Nottingham Trent University. 2010-2014.
- Ability to plan and direct research projects for master students
- Ordering and buying equipment's and material for the labs maintenance
- Organized workshops and conferences.

Employment:

- Lecture at Siret University from 2015 till now.

- Working for Nottingham Trent University as demonstrator and researcher. 2010-2014.
- Demonstrator for Medilink East Midlands Company. 2014
- Teaching at Sirte University, Libya. 2005-2008

Education

2010-2014 **PhD**, Nottingham Trent University, UK.

2002-2005 **M.Sc.**, Environmental Research Management, University of Misurata, Libya.

1995-1999 **B.Sc.** Zoology Science, University of Misurata, Libya.

Publications

- Virulence loss and amastigote transformation failure determine host cell responses to *Leishmania Mexicana*. *Parasite Immunology*. 2013 Dec; 35(12):441-56.
- MHC class I down-regulation induced by *Leishmania mexicana* is dependent on parasite growth phase and infectivity (in revision).
- Plasmid type has no effect on immunogenicity of *Leishmania* DNA vaccine as measured by novel in vitro macrophage survival assay, (in revision).
- The effect of *Leishmania mexicana* promastigote infection on gene expression profile of toll-like receptors (TLRs) in susceptible human cell lines (in revision)

Conferences

- Third Symposium on Theories and Applications of Basic and Biosciences, Organized by the Faculty of Science, Misurata, University, 2016
- The 12th east midlands proteomics workshop.2013.
- The British Society for Parasitology Annual Spring Conference, 2013.
- The British Society for Parasitology Annual Autumn Conference, 2013. (Protumeu Leister University
- Global healthcare implications of coinfection within NTDs and with other diseases, The Wellcome Trust, 2013
- The British Society for Parasitology Annual Spring Conference, 2011

Professional Membership

- A membership in British Society for Parasitology (BSP).
- The International Society for Neglected Tropical Diseases (ISNTD)
- A membership in International Association for the Plant Protection Sciences (IAPPS).
- A membership in Libyan Society for Quality & Excellence in Education.

References

- Dr Ali, Selman/ NTU
- [selman.ali@ntu.ac.uk/](mailto:selman.ali@ntu.ac.uk)
- DrTerrell-Nield, Christopher/NTU
- christopher.terrell-nield@ntu.ac.uk