

## **Dr Abdulaziz Alqasim's CV**

### **❖ PERSONAL INFORMATION**

- ❖ Name: Abdulaziz Alqasim, PhD
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### **❖ EDUCATION AND QUALIFICATION**

#### **March 2011 –June 2015**

**PhD** in Molecular Medical Microbiology, School of Science and Technology, Nottingham Trent University, Nottingham, UK.

#### **September 2009 –August 2010**

**MSc** in Molecular Medical Microbiology, School of Molecular Medical Sciences, University of Nottingham, Nottingham, UK. Final Grade: 62%.

#### **September 2000 – January 2006**

**BSc** in Clinical Laboratory Sciences, College of Applied Medical Sciences, King Saud University, Riyadh, Saudi Arabia. Final Grade: (B) (GPA 4.18/5) "V.Good".

#### **September 1998 – July 1999**

**Saudi Arabian Secondary School Examination Certificate**, Scientific section, Al-tarbiah Alnamothagia Secondary School, Riyadh, Saudi Arabia. (Grade: Excellent, 94.51%).

#### **8 January–20 March 2009**

Academic English Course in upper-Intermediate level at, Centre of English Language Education (CELE), University of Nottingham.

## ❖ **WORK EXPERIENCE**

### **October 2015 – present**

Assistant Professor of Medical Microbiology, Clinical Laboratory Sciences Department, College of Applied Medical Sciences, King Saud University, Riyadh, Saudi Arabia.

### **July 2006 – October 2015**

Demonstrator (Lecturer Assistant) in Clinical Laboratory Sciences Department, College of Applied Medical Sciences, King Saud University, Riyadh, Saudi Arabia.

#### **During this time I was selected as;**

- 1 Member of following the exams in College of Applied Medical Sciences.
- 2 Member of developing the curriculum in Clinical Laboratory Sciences Department at College of Applied Medical sciences.
- 3 Lecturer assistant in Clinical Laboratory Sciences Department, College of Applied Medical sciences, with Prof. Talat Elkersh and Prof. Sameh Elshewami in two subjects titled: Clinical Practice in Microbiology and Electron Microscopy, respectively.

## ❖ **WORK EXPERIENCE (Cont'd)**

### **January 2005 – January 2006**

**A full-medical Internship year at King Abdulaziz Medical City, Riyadh, Saudi Arabia in the following specialties:**

- (2 months) Microbiology Laboratory Department (Accredited by CAP, College of American Pathologist).  
My training included:-
  - 1 Reading and application of procedural and safety manuals.
  - 2 Handling of various specimens type and biohazard material.
  - 3 Knowledge about media and staining reactions.
  - 4 Recovery of pathogens from various specimens type.
  - 5 Identifying the pathogens by manual and automated methods, and, performing their susceptibility testing using both manual and automated techniques.
  - 6 Quality control parameters in Microbiology.
  - 7 Identifying of parasites using different stool analysis techniques.
  - 8 Over view in mycobacteriology and mycology techniques.

- (2 months) Clinical Biochemistry Department (Accredited by CAP, College of American Pathologist).  
My training included:-
  - 1 Performing a wide range of samples processing and clinical biochemical tests in both general biochemistry and endocrinology units, either manual or automated procedures.
  - 2 Performing Enzyme Linked Immunosorbant Assay (ELISA).
  - 3 Intensive training on the machines maintenance and entering results to Cerner system.
  - 4 Intensive training on the toxicological procedures.
  
- (2 months) Hematology Laboratory, Pathology and Laboratory Medicine Department (Accredited by CAP, College of American Pathologist).  
My training included:
  - 1 Intensive training on differential blood cells count, ESR technique, CSF samples processing.
  - 2 Intensive training on using the automated coagulation analyzers.
  - 3 Overview in the bone marrow samples extraction.
  
- (2 months) Blood Bank Laboratory, (Accredited by CAP, College of American Pathologists)  
My training included:
  - 1 Separation of whole blood components.
  - 2 Cross-matching procedures.
  - 3 Antibody Identification.
  - 4 Overview in phlebotomy procedures.
  
- (2 months) Histopathology Laboratory, (Accredited by CAP, College of American Pathologists)  
My training included:
  - 1 Samples processing.
  - 2 Performing staining procedures (esp. H&E stains)
  - 3 Overview in Histochemical techniques.
  
- The remaining period were distributed in many special laboratories such as Molecular Biology, Cytogenetics, HLA typing and Serology.

## ❖ COURSES, SEMINARS AND CONFERENCES

### Participant:

**10 November 2008:** Organizer in First Saudi Society of Clinical Laboratory Sciences (SSCLS) Meeting held at King Khaled University Hospital, Riyadh, Saudi

Arabia.

**5-7 September 2011:** Poster presentation at the Society of General Microbiology Autumn Conference, University of York.

**5-7 May 2012:** Poster and oral presentation at School of Science & Technology Research Conference, Nottingham Trent University.

**21-25 July 2014:** Poster presentation at the Federation of Microbiological Societies in Europe Conference, Leipzig, Germany.

❖ **Attendant:**

45 CME (Continuous Medical Education) accredited hours by Saudi Medical Council in various conferences.

❖ **SKILLS**

- ❖ Languages: English, Arabic, fluent reading and writing. (IELTS score: 6.5)
- ❖ Computer: Windows XP, Internet Research, Microsoft Office.
- ❖ Statistical software: SPSS and R

❖ **PUBLICATIONS**

**1. Research articles**

**Alqasim, A.,** Emes, R., Clark, G., Newcombe, J., La Ragione, R. & McNally, A. (2014). Phenotypic microarrays suggest *Escherichia coli* ST131 is not a metabolically distinct lineage of extra-Intestinal pathogenic *E. coli*. *PloS One*, **9**, e88374.

**Alqasim, A.,** Scheutz, F., Zong, Z. & McNally, A. (2014). Comparative genome analysis identifies few traits unique to the *Escherichia coli* ST131 H30Rx clade and extensive mosaicism at the capsule locus. *BMC Genomics*, 15, 830.

**2. Poster presentations**

**Alqasim, A.**, Diggle, M., Weston, V., Cheetham P. & McNally, A. (2011).  
Investigation of clinical *E. coli* ST131 isolates. Society of General Microbiology  
Autumn Conference, University of York.

**Alqasim, A.**, Diggle, M., Weston, V., Cheetham P. & McNally, A. (2012).  
Determining the fitness and competitive advantage of the epidemic ExPEC clone *E. coli* ST131. School of Science & Technology Research Conference, Nottingham Trent  
University.

**Alqasim, A.**, Emes, R., Newcombe, J., La Ragione, R. & McNally, A. (2013).  
Phenotypic microarray analysis of ExPEC strains of different sequence types shows  
the absence of ST specific metabolism. Federation of Microbiological Societies in  
Europe Conference, Leipzig, Germany.