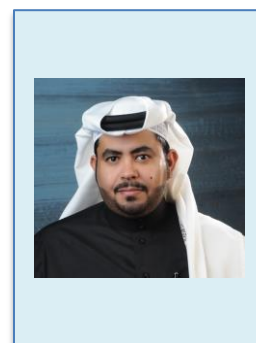


# **CURRICULUM VITAE**

**Dr. Abdullah Abdulrahman Alyousef BSc, MSc, PhD**



Chairman of Clinical Laboratory Science Department

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## **Qualifications**

**PhD.** -School of Pharmacy and Pharmaceutical Sciences, Cardiff University, Wales ,UK-2013 (The thesis title is Identification and characterisation of lysin enzymes as potential therapeutics for the treatment of *Clostridium difficile*)

**MSc.** -Medical and Molecular Microbiology, School of Medicine, Manchester University , Manchester, UK-2009 (The thesis title is Evaluation of MS2 phage as an internal control for PCR based assays)

**BSc.** -Clinical Laboratory Sciences, College of Applied Medical Sciences, King Saud University, Riyadh, Saudi Arabia.-2003

## **Work experiences**

**2016 - present - Chairman of Clinical Laboratory Science Department**, College of Applied Medical Sciences , King Saud University , Riyadh, Saudi Arabia

**2014- 2016 - Chairman of Community Health Sciences Department**, College of Applied Medical Sciences , King Saud University , Riyadh, Saudi Arabia.

**2013 - Present - Assistant Professor** -Dept. of Clinical Laboratory Sciences , College of Applied Medical Sciences , King Saud University , Riyadh, Saudi Arabia.

**2005-2013 -Teaching Assistant** -Dept. of Clinical Laboratory Sciences , College of Applied Medical Sciences , King Saud University , Riyadh, Saudi Arabia.

**2004-2005 - Medical Technologist** -King Faisal Specialist Hospital and Research Centre ( KFSH&RC ), Riyadh, Saudi Arabia.

- Performed all the routine serology test procedures.
- Trained medical technology interns, rotating residents,
- Physicians from different departments and the medical outreach program students in the hospital.
- Have been an on-call for the liver transplant program.
- Assisted in the evaluation of the new instruments for the serology lab.
- Ran all screening tests and confirmatory test for HIV, Hepatitis B, and C.

**2003-2004 - Saudi Career Development Program (SCDP)**- King Faisal Specialist Hospital and Research Centre ( KFSH&RC ) , Riyadh, Saudi Arabia.

- One year of an intensive training program in Serology and Microbiology Laboratories.
- Read and understood procedure manuals.
- Read and understood the laboratory Safety Manual.
- Explained ,observed and performed all serology tests/ procedures and these include: RPR,TPHA,FTA,SYPHM,MONOTEST, CRYPTOCCUS, Latex Agglutination,Cold Agglutination,Brucella Titer,Malaria AB,ELISA, IgG for HSV,Measles,VZ,Chlamydia,EBV,IgM for HSV,VZ.
- Read, performed and interpreted Epstein Barr Viral Markers.
- HCV IgM EIA bead assay.
- Anti DNASE titer and Anti Streptolysin test.
- Performed, explained and observed the diagnosis of Hepatitis A,B,C and HIV Ab ,P24 using the AxSYM.

**2002-2003 - Medical Technologist intern-** King Faisal Specialist Hospital and Research Centre ( KFSH&RC ) Riyadh, Saudi Arabia.

- One year rotation as a trainee in all general and special laboratories.
- Performed tests/ procedures to improve skills.
- Attended all lectures on contentious education.

## **Other work experiences**

- Member of the Internship committee in CLS dept., Collage of Applied Medical Sciences, KSU (2005-2006), KSU, Riyadh, SA.
- Member examinations committee for the undergraduate of the Internship committee in CLS dept., Collage of Applied Medical Sciences, KSU (2005- 2006)
- Member of organize the 50 years of KSU from the College of Applied Medical Sciences , Riyadh, SA.
- Training in Manchester Royal Infirmary Hospital, Clinical Virology lab with Dr Malcolm Guiver, University of Manchester as Part of my M.Sc. project for three months in 2008, Manchester, UK.
- Training in Professor Les Baillie Laboratory, Cardiff University as part of my PhD project (PCR, Cloning, Bioinformatics, Sequencing, TEM...ect) for Three years in 2009-2013,Cardiff,UK.
- Training in Electron Microscopy department, Cardiff school of biosciences, Cardiff University with Dr. Anthony Hann ( using TEM machine Phillips CM12 , Sectioning, Microtoming, TEM negative stain ....ect ) (2009 – 2010 ).
- Training in Medical Microscopy Sciences Lab, School of Medicine, Cardiff University with Dr. Jan Hobot ( using TEM machine Phillips EM 208, TEM negative stain ....ect ) (2011-2012 ).
- The Chair of the Internship committee in CLS dept., Collage of Applied Medical Sciences, KSU (2014- now).
- Academic Advisor, CLS dept., College of Applied Medical Sciences, KSU (2013 - Present

- Member, Council department, CLS dept, College of Applied Medical Sciences, KSU (2013 – Present)
- Member of CLS dept. Curriculum and Programs Planning committee , Collage of Applied Medical Sciences, KSU (2014 – now).
- Member of the medical technologist and technicians committee at the Faculty of Applied Medical Sciences. King Saud University from ( 2014 – now) .
- Member of Collage of Applied Medical Sciences Council, KSU (2014 – now).
- Member of the new students interview committee in the KSU health colleges , 2014 and 2015.

## **Course attended**

- **English Language Course (Gateway Programme)** , University Language center, University of Manchester Oct 2006-Mar 2007
- **English Language Course (Pre-sessional course)** , University Language center, University of Manchester Apr 2007- Sept 2007.
- **PhotoShop (An Introduction) and PhotoShop (Advanced Use )**, University Graduate College Programme, Cardiff University , May 2010.
- **Presentation Skills (An Introduction)**, University Graduate College Programme, Cardiff University , Sept. 2010.
- **EndNote: An Introduction to Managing your References**, University Graduate College Programme, Cardiff University ,Sept 2009.
- **Bioinformatics course for the graduate school, consist of lectures and computer workshop sessions (30 hours)** Bioinformatics and Biostatistics Unit (BBU), Cardiff University ,Nov 2010-Feb 2011
- **Safety Induction Course for Genetically Modified Organism ( GMO ) Workers** ,Cardiff University, Dec 2011
- **Basic Cardiac Life Support Provider (BCLS ) course-** Prince Sultan Military Medical City , Dec 2014

## **Research Interests**

### **Research interests include:**

- Bacteriophages and phage-derived products as a therapeutic agent .
- Spore sporulation and germination mechanism.
- Spore lysine enzymes as a novel method to target *C. difficile* spores.
- Antimicrobial activity of Medicinal Plants against Pathogenic bacteria

## **Membership of Scientific Associations**

- Society for Applied Microbiology (SfAM)
- Welsh Microbiological Association (WMA)
- American Society for Microbiology (ASM)
- Saudi Society for Clinical Laboratory Sciences (SSCLS)

## **Workshops and conferences**

- The 9<sup>th</sup> Tripartite Meeting of The Celtic Microbiology Associations, Cardiff, 2009.
- SfAM annual summer conference ,Brighton, UK, 2010.
- Isolation and characterization of lytic phage for treatment of *Clostridium difficile*. Welsh School of Pharmacy, Postgraduate Day, Cardiff, 2011. Poster presentation.
- Evaluation of bacteriophages and their products as potential therapeutics for the treatment of *Clostridium difficile*. Welsh School of Pharmacy, Postgraduate Day, Cardiff, 2012. Oral presentation.
- 2015 Molecular Genetics of Bacteria and Phages Meeting , University of Wisconsin-Madison, Madison , USA , August -2015.

## **Publication**

- **Joshi, L. T., Phillips, D.S., Williams, C.F., Alyousef, A., and Baillie, L. (2012).** Contribution of spores to the ability of *Clostridium difficile* to adhere to surfaces. Applied and Environmental Microbiology 78(21), pp. 7671-7679.
- **Marie MA1, Krishnappa LG, Alzahrani AJ, Mubarak MA, Alyousef AA (2015)**A prospective evaluation of synergistic effect of sulbactam and tazobactam combination with meropenem or colistin against multidrug resistant *Acinetobacter baumannii*. Bosnian Journal of Basic Medical Sciences 15 (4),pp.24-29
- Evaluation of MS2 phage as an internal control for PCR based assays (MSc thesis ),2009
- Identification and characterisation of lysin enzymes as potential therapeutics for the treatment of *Clostridium difficile* (PhD thesis ),2013