

## **Dr. Iyad A. ALQOUQA Biography**

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### **PERSONAL INFORMATION**

Name: Iyad Akram Said ALQOUQA

ID No.: 901255992

Date of birth: 13-08-1976.

Place of birth: GAZA – Gaza strip – Palestine.

Marital Status: Married, have 4 children

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### **EDUCATIONS**

- PhD degree Award (BMS department, 2017). Dissertation entitled “Molecular study of andrographolide on cell cycle, apoptosis and autophagy of human breast carcinoma cells. City University of Hong Kong.
- Master of Science (Biological Science-Medical Technology, 2007). Thesis entitled “Detection of Chlamydia trachomatis in Endocervical Swabs Using Molecular (PCR) and Enzyme Immunoassay Techniques”. Islamic University of Gaza, Palestine.
- Bachelor of Science (Microbiology-Chemistry 1998), Al-Azhar University of Gaza, Palestine.

## **WORK EXPERIENCE**

- Part-time lecturer at University of Palestine, College of Pharmaceutical Sciences, teaching biochemistry course.
- Part-time lecturer at Palestine Polytechnic University, Gaza, teaching biochemistry and medical terminology courses.
- Part-time senior research assistant at BMS department - City University of Hong Kong.
- PhD research student at BMS department - City University of Hong Kong.
- Work as part-time teacher at University of Palestine, Faculty of Medicine and Dentistry.
  - Teacher of biology course according to AP Campbell Syllabus (2005).
- Work in Central Lab & Blood Bank of Shifa Hospital particularly clinical chemistry, serology and microbiology departments
- Work as medical technologist in Hejazi Medical Center that follow Medical Services with customers either citizen or police members or their families.

## **AWARDS**

- PhD Studentship award at City University of Hong Kong.

## **PROFESSIONAL SKILLS**

- Molecular cell biology, biochemistry, clinical chemistry, clinical microbiology and pharmaceutical biotechnology approaches. Also monitoring, measuring, and interpreting laboratory diagnostic assays, and evaluating laboratory quality control program.

- Molecular cancer biology. Particularly studies on cell cycle arrest, apoptosis and autophagy.
- Inclusion Bodies-recombinant protein approach in *E. coli*.
- Management, communication and proposal writing skills
- English, Computer (ICDL) and data analysis skills (SPSS and GraphPad Prism).

## PUBLICATIONS

- Alzaharna M, **Alqouqa I**, Cheung HY (2017). Taxifolin synergizes Andrographolide-induced cell death by attenuation of autophagy and augmentation of caspase dependent and independent cell death in HeLa cells. *PLoS One.*;12(2): e0171325.
- **ALQOUQA Iyad**, AL Zaharna Mazen, Cheung Hon-Yeung (2016). Biogenesis regulation and detection methods of MicroRNA expression profiling. *HKPJ.*;23 (2):51-57.
- **ALQOUQA Iyad; CHEUNG Hon-Yeung** (2013). Expression of recombinant therapeutic protein in *E. coli*: a major challenge with current insights on the formation of inclusion bodies. *HKPJ.*;20 (2):75-81.
- SHEN Qing, DONG Wei, YANG Mei, BAIBADO Joewel T, WANG Yixuan, **ALQOUQA Iyad**, CHEUNG Hon-Yeung (2013). Lipidomic study of olive fruit and oil using TiO<sub>2</sub> nanoparticle based matrix solid phase dispersion and MALDI-TOF/MS. *Food Res. Intl.*, 54:2054-2061.

- **Qouqa IA**, El Jarou MA, Abu Samaha AS, Al Afifi AS, Al Jarousha AM (2011). *Yersinia enterocolitica* infection among children aged less than 12 years: a case–control study. *Int J Infect Dis.*; 15(1): e48-53.
- Al Jarousha AM, El Jarou MA, **Qouqa IA (2010)**. Bacterial enteropathogens and risk factors associated with childhood diarrhea. *Indian J Pediatr* DOI 10.1007/s12098-010-0249-0.
- **Qouqa IA**, Shubair ME, Al Jarousha AM, Sharif FA (2009). Prevalence of *Chlamydia trachomatis* among women attending gynecology and infertility clinics in Gaza, Palestine. *Int J Infect Dis*; 13(3):334-41.
- Al Jarousha AM, El Jadba AH, Al Afifi AS, **Qouqa IA (2009)**. Nosocomial multidrug-resistant *Acinetobacter baumannii* in the neonatal intensive care unit in Gaza City, Palestine. *Int J Infect Dis*; 13(5):623-8.
- Al Jarousha AM, **Qouqa IA**, El Jadba AH, Al Afifi AS (2008). An outbreak of *Serratia marcescens* septicaemia in neonatal intensive care unit in Gaza City, Palestine. *J Hosp Infect.* 2008; 70(2):119-26.

## CONFERENCES

- International Conference and exhibition of the Modernization of Chinese Medicine and Health products, (2014 10th IPSCM), held at the Hong Kong Convention and Exhibition Center on 15th August, 2014, entitled “Anticancer Effect of Andrographolide on Cell Cycle, Apoptosis, and Autophagy of Human Breast Carcinoma Cells.
- International Symposium on Translating Omics Science to Clinical Applications 2013, held in CityU of Hong Kong (13-15 August 2013),

entitled” Analysis and Characterization of the Expression of Recombinant Protein in E. coli (P-8).

- The Fifth International Conference on Biological Sciences (ICBS), held in Tanta university of Egypt (5–6 November 2008), entitled”Nosocomial Multidrug-Resistant *Acinetobacter baumannii* in the Neonatal Intensive Care Unit in Gaza City” (Poster).
- Participation in the 1st International Conference on Basic & Applied Sciences (ICBAS), held in Al Azhar University - Gaza, Palestine (10-12 October 2010), entitled” Bacterial Enteropathogens and Risk Factors Associated with Childhood Diarrhea” {**Oral Presentation**}.
- Participation in Second International Conference of Natural and Applied Sciences (ICNAS-2), held in Al Aqsa University-Gaza, Palestine (30-31 May,2011), entitled” Detection of *Chlamydia trachomatis* in Endocervical Swabs Using Molecular (PCR) and Enzyme Immunoassay Techniques” {**Oral Presentation**}.
- Participation in Second International Conference of Natural and Applied Sciences (ICNAS-2), held in Al Aqsa University-Gaza, Palestine (30-31 May,2011), entitled” Recreational Seawater Quality of the Northern Region of Gaza Strip Beaches”.