

Resume

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Education:

- **Ph.D. in Molecular Microbiology** (1st September 2005) (Griffith University) (Brisbane – Queensland)
Thesis Title (Rapid Detection of *Campylobacter* and *Arcobacter* species by Molecular methods.)
- **M.S. c in Biotechnology** 1997 – 1998 (Griffith University) (Brisbane-Queensland)
Thesis title (DNA Sequence, Sequence Analysis and Enzyme studies of Amylase Genes from *Caloramator* Strain AB47)
- **B.S. c in Biology** 1989 - 1993 (Yarmouk University) (Irbid – Jordan)

Professional experience

- 1) Septmber-2007 till now, assistant professor at department of Biotechnology and Genetics engineering, Faculty of science, Philadelphia University - Jordan
- 2) January- 2006 till September 2006 research scientist at Al-Isra University
- 3) July- 2006 till now Part time lecturer at Al-Isra Private University Amman- Jordan.
- 4) February- 2006 till June- 2006 Part time lecturer at Hashemite University – Zarqa – Jordan.
- 5) May- 2006 to June-2006 Organise workshop in molecular diagnosis of avian influenza by molecular methods and virology laboratory biosafety, for the Ministry of Agriculture, in collaboration with Al- Isra Private University.

Research Area

Microbial Diagnosis:

Develop new molecular to identify and differentiate closely related microorganism

Industrial Microbiology:

- Screening of bacteria producing, and estimation of enzymes, (proteases, amylases, b-galactosidase), and fermentation products (penicillin, citric acid, acid, lactic acid, ethanol)

Publications

1- Journals papers

I- Rapid detection and identification of *Campylobacter coli* and *Campylobacter jejuni* by real-time PCR.” Research in Microbiology. 2005 Jan-Feb; 156(1): 107-14

2- Papers in preparation

I- A Triplex real-time PCR for rapid detection and identification of *C. coli* and *C. jejuni* from other *Campylobacter* species. Submitted

II- Rapid detection and identification of *Arcobacter* species by real-time PCR.

III- Rapid detection and identification of *C. coli* and *C. jejuni* and *C. lari* from other *Campylobacter* species by Ligase Chain Reaction.

3- National and International symposium and meeting attended

I- Rapid detection and identification of H5N1 virus by real-time PCR.

المؤتمر العلمي المهني العربي الحادي عشر للاتحاد العام للأطباء البيطريين العرب – عمان, الأردن, 2006/4/29-27

II- Rapid Detection and identification of *Campylobacter jejuni* and *Campylobacter. coli* directly from chicken real-time PCR.

المؤتمر العلمي المهني العربي الحادي عشر للاتحاد العام للأطباء البيطريين العرب – عمان, الأردن, 2006/4/29-27.

III- Rapid detection and identification of *Campylobacter jejuni* and *Campylobacter. coli* real-time PCR. Bahrain: The first GCC Genetic conference- Bahrain, 5-7 October 2003

IV- Rapid detection and Identification of *Campylobacter* and *Arcobacter* species by Real-time PCR. European Meeting on Molecular Diagnostics - Kurhaus Hotel The Hague / Scheveningen – Netherlands - 16th & 17th October 2003:

V- Rapid detection of *Campylobacter* species using Ligase Detection Reaction (LDR). European Meeting on Molecular Diagnostics - Kurhaus Hotel, The Hague / Scheveningen – Netherlands - 16th & 17th October 2003.

Workshop:

Workshop Organized:

Molecular diagnosis of avian influenza by molecular methods and virology laboratory biosafety, for the Ministry of Agriculture, in collaboration with Al-Isra Private University.

Workshop Attended:

A- Proteome Workshop, 11/2000 Garvan Institute of Medical Research, Sydney, Australia.

B- Use of RNAi in Therapeutics” 25th November – 8th December, 2006 at COMSTECH Secretariat Islamabad-Pakistan.

Languages

Both English and Arabic

Awards and Grants

- Queensland Health Department Scholarship
- Griffith University Postgraduate award
- Griffith university international conference Travel grants

Course Taught

- 1- Medical Microbiology for nursing.
- 2- Microbial Genetics
- 3- Microbial Biotechnology
- 4- Animal Biotechnology
- 5- Forensic Science
- 6- Pharmaceutical Biotechnology