

Qutaiba Omar Ababneh, PhD

Jordan University of Science & Technology
Department of Biotechnology & Genetic Engineering
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EDUCATION

- | | |
|---|-------------|
| Doctor of Philosophy , Biochemistry
Texas A&M University, TX, USA | 2015 |
| Masters of Science , Applied Biological Sciences
Jordan University of Science & Technology, Irbid, Jordan | 2009 |
| Bachelors of Science , Biotechnology & Genetic Engineering
Jordan University of Science & Technology, Irbid, Jordan | 2005 |

PROFESSIONAL EXPERIENCE

- | | |
|---|---------------------|
| Assistant Professor
Jordan University of Science & Technology, Irbid, Jordan | 2015-present |
| Graduate Research Assistant
Texas A&M University, Department of Biochemistry & Biophysics | 2010-2015 |
| Teaching Assistant
Jordan University of Science & Technology, Department of Biotechnology & Genetic Engineering | 2009-2010 |
| Graduate Research Assistant
Jordan University of Science & Technology, Department of Biotechnology & Genetic Engineering | 2006-2008 |
| Undergraduate Research Assistant
Jordan University of Science & Technology, Department of Biotechnology & Genetic Engineering | 2003-2005 |

PUBLICATIONS

1. Jaradat ZW, **Ababneh QO**, et al (2016) Analysis of genetic heterogeneity of *Staphylococcus aureus* strains isolated from food and clinical samples from northern Jordan using VNTR, toxin profiles and antibiograms. *Malaysian Journal of Microbiology*. 12(3) 2016, pp. 254-264.
2. **Ababneh QO**, Herman JK (2015) CodY regulates SigD levels and activity by binding to three sites in the *fla/che* operon. *Journal of bacteriology*. 197(18): 2999-3006.
3. **Ababneh QO**, Herman JK (2015) RelA inhibits *Bacillus subtilis* motility and chaining. *Journal of bacteriology*. 197(1): 128-137.
4. **Ababneh QO**, Tindall AJ, Herman JK (2015) A secreted factor coordinates environmental quality with *Bacillus* development. *PloS one*. 10(12): e0144168.

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5. Jaradat ZW, Tarazi YH, **Ababneh QO** (2014) Molecular characterization of *Staphylococcus aureus* isolated from meat and their antibiotic resistance profiles. *Pakistan Veterinary Journal*. 34(1): 58-62.
6. Jaradat ZW, Abedel Hafiz L, Ababneh MM, **Ababneh QO**, Al Mousa W, Al-Nabulsi A, Osaili TM, Holley R (2014) Comparative analysis of virulence and resistance profiles of *Salmonella Enteritidis* isolates from poultry meat and foodborne outbreaks in northern Jordan. *Virulence*. 5(5): 601-610.
7. Saadoun I, Jaradat ZW, Al Tayyar IA, El Nasser Z, **Ababneh QO** (2014) Airborne methicillin-resistant *Staphylococcus aureus* in the indoor environment of King Abdullah University Hospital, Jordan. *Indoor and Built Environment*. 1420326X14526604 2014
8. Jaradat ZW, Al Aboudi A, Shatnawi M, **Ababneh QO** (2013) *Staphylococcus aureus* isolates from camels differ in coagulase production, genotype and methicillin resistance gene profiles. *The Journal of Microbiology, Biotechnology and Food Sciences*. 2(6): 2455.
9. Saadoun I, Dawagreh A, Jaradat ZW, **Ababneh QO** (2013) Influence of culture conditions on pectinase production by *Streptomyces sp.*(strain J9). *International Journal of Life Science and Medical Research*. 3(4): 148.
10. Hoose SA, Rawlings JA, Kelly MM, Leitch MC, **Ababneh QO**, et al (2012) A systematic analysis of cell cycle regulators in yeast reveals that most factors act independently of cell size to control initiation of division. *PLoS Genetics* 8(3): e1002590.
11. Jaradat ZW, Al Bzour A, **Ababneh QO**, Shdiefat S, Jaradat S, Al Domi H (2012) Identification of allergenic pollen grains in 36 olive (*Olea europaea*) cultivars grown in Jordan. *Food and agricultural immunology*. (23)3: 255-264.
12. Jaradat ZW; Rashdan AM, **Ababneh QO**, Jaradat SA, Bhunia AK (2011) Characterization of surface proteins of *Cronobacter muytjensii* using monoclonal antibodies and MALDI-TOF Mass spectrometry. *BMC microbiology*. 11(1): 148.
13. Saadoun I, Bataineh S, **Ababneh Q**, Hameed K, Schrader K, Cantrell C, Dayan F, Wedge D (2011) Evaluation of the toxicity of *Streptomyces aburaviensis* (R9) extract towards various agricultural pests. *Agricultural Sciences*. 2(4): 491.
14. Jaradat ZW, Marquardt RR, Frohlich AA, **Ababneh QO** (2010) Chicken anti-idiotypic antibodies as an alternative to the antimicrobial treatment for the control of *Escherichia coli* K 88 in domestic animals. *Jordan Journal of Agricultural Sciences*. 6(1).
15. Al-Domi H, Jaradat ZW, Jones MR, **Ababneh Q** (2010) Investigating immune responses to putative diabetogenic modified bovine proteins subjected to microwave heating among young Jordanian children with type 1 diabetes mellitus. *Research Journal of Biological Science*. 5: 521-528.
16. Jaradat ZW*, **Ababneh QO***, Saadoun IM, Samara NA, Rashdan AM (2009) Isolation of *Cronobacter spp.* (formerly *Enterobacter sakazakii*) from infant food, herbs and environmental samples and the subsequent identification and confirmation of the isolates using biochemical, chromogenic assays, PCR and 16S rRNA sequencing. *BMC microbiology*. 9(1). * **Equal Contribution**
17. Saadoun I; Al-Momani F; **Ababneh QO**; Bonjar S (2009) Comparative UV-spectra of fermented cultural extract of antifungal-active *Streptomyces* isolates recovered from different ecological habitats. *Current Trends in Biotechnology and Pharmacy*. 3(2): 155-161.

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18. Saadoun I, Al-Omari R, Jaradat ZW, **Ababneh QO** (2009) Influence of culture conditions of *Streptomyces sp.*(Strain S). *Polish Journal of Microbiology*. 58(4): 339-345.
19. Jaradat ZW, Dawagreh A, **Ababneh QO**, Saadoun I (2008) Influence of culture conditions on cellulase production by *Streptomyces sp.*(strain J2). *Jordan Journal of Biological Sciences*. 1(4): 141-146.
20. Saadoun I, Wahiby L, **Ababneh QO**, Jaradat ZW, Massadeh M.; Al-Momani F (2008) Recovery of soil streptomycetes from arid habitats in Jordan and their potential to inhibit multi-drug resistant *Pseudomonas aeruginosa* pathogens. *World Journal of Microbiology and Biotechnology*. 24(2): 157-162.
21. Saadoun I, Alawawdeh M, Jaradat ZW, **Ababneh QO** (2008) Growth of *Streptomyces spp.* from hydrocarbon-polluted soil on diesel and their analysis for the presence of alkane hydroxylase gene (*alkB*) by PCR. *World Journal of Microbiology and Biotechnology*. 24(10): 2191-2198.
22. Saadoun IM, Hameed KM, Al-Momani F, **Ababneh QO** (2008) Effect of three *Orobanche spp.* extracts on some local phytopathogens, *Agrobacterium* and *Erwinia*. *Turkish Journal of Biology*. 32(2): 113-117.
23. Bataineh SMB; Saadoun I, Hameed KM, **Ababneh QO** (2008) Screening for soil Streptomycetes from north Jordan that can produce herbicidal compounds. *Polish Journal of Microbiology*. 57(4): 297-305.
24. Saadoun I, Rawashdeh R, Dayeh T, **Ababneh QO**, Mahasneh A (2007) Isolation, characterization and screening for fiber hydrolytic enzymes-producing streptomycetes of Jordanian forest soils. *Biotechnology*. 6(1): 120-128.

CONFERENCES

Talks:

Ababneh QO, Herman J. *Bacillus subtilis* CodY Represses Motility and Chaining by Preventing Accumulation of SigD. **2015**
ASM 115th General Meeting, New Orleans, LA, USA.

Ababneh QO, Herman J. A protein-based signal (FacX) can trigger sporulation in *Bacillus subtilis* at low cell densities. **2013**
Molecular Genetics of Bacteria and Phages Meeting 2013. Madison, WI, USA.

Posters:

Ababneh QO, Herman J. RelA regulates *Bacillus subtilis* motility and cell chaining **2014**
Molecular Genetics of Bacteria and Phages Meeting 2014. Madison, WI, USA.

Ababneh QO, Al-tayyar IA, El-Nasser ZA, Saadoun IM. Airborne methicillin resistant *Staphylococcus aureus* (MRSA) in the indoor environment of King Abdullah University Hospital, Jordan. **2008**
ASM Conference on Antimicrobial Resistance in Zoonotic Bacteria and Foodborne Pathogens, Copenhagen, Denmark.

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AWARDS & GRANTS

American Society for Microbiology Student Travel Grant Texas A&M University, Department of Biochemistry & Biophysics	2015
Biochemistry Graduate Association Student Travel Grant Texas A&M University, Department of Biochemistry & Biophysics	2014
Biochemistry Graduate Association Student Travel Grant Texas A&M University, Department of Biochemistry & Biophysics	2013
Travel Grant from NATO science for peace Jordan University of Science & Technology, Department of Biotechnology & Genetic Engineering	2008
American Society for Microbiology Student Travel Grant Jordan University of Science & Technology, Department of Biotechnology & Genetic Engineering	2008
University Students Honor List Jordan University of Science & Technology, Department of Biotechnology & Genetic Engineering	2003-2005