

## **Abdulameer M. Ghareeb**

Assistant professor

Genetic Engineering and Biotechnology Institute for post Graduate studies,  
University of Baghdad, Baghdad, Iraq

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### **Education:**

-PhD Genetic Engineering and Biotechnology 2018

The Faculty of Life Sciences Division of Microbiology/School of Biological Sciences/University of Reading  
/United Kingdom

Molecular study of the mechanisms controlling the induction of the hexonate/hexuronate-  
utilization genes of *Salmonella enterica* (serotype Enteritidis) upon exposure to egg white

-M.Sc. Genetic Engineering and Biotechnology 2005

Genetic Engineering and Biotechnology Institute for post Graduate studies, University of Baghdad, Baghdad,  
Iraq

Isolation and Characterization of *Escherichia coli* O157:H7 and The Detection by PCR of *Stx* & *eaeA* Genes .  
-B.S. Food production and Biotechnology 1999

Dept. of Food industry and Biotechnology, College of Agriculture, University of Baghdad, Baghdad, Iraq

### **Employment:**

**Genetic Engineering and Biotechnology Institute for Postgraduate Study, Baghdad University**

2006-2013

- Lecturer in Genetic Engineering and Biotechnology.
- Assistant Professor in lab classes for genetic engineering & molecular techniques
- Lecturer for PCR Training courses
- Researching food borne illness and tracing origin of disease
- Director of genetically modified strains bank
- Member of Finger Print Unit in the Institute for Post Graduate Study

## Lab Techniques:

Molecular genetics techniques (extraction DNA, Electrophoresis, cloning, PCR, Pulsed field gel electrophoresis, polyacrylamide electrophoresis, RFLP)

Epidemiology & food Microbiology research techniques (plasmid profile, transformation, conjugation, curing, Antibiotic sensitivity)

Genetic disease (Allele frequency, gene polymorphism)

## Publications: (list newest to oldest from top to bottom)

Ghareeb A.M.; Al-zaag A.A. Isolation and Characterization of *Escherichia coli* O157:H7 and the Detection by PCR of *stx* & *eaeA* Genes. Iraqi J of Biotech. 7(2):210-217 (2008)

Al-Awadi S.J.; Emad A.M. and Ghareeb A.M. Extraction and Characterization of rapeseed oil (*Brassica campestris*) and its Effect on Microorganisms. Journal of Um-Salama (2010)

Essam F.A.; Abdulsatar O. K. and Ghareeb A.M. Study of plasmid and protein discipline of *Escherichia coli* that contamination of major rivers in Iraq. Second scientific conference of Genetic engineering and Biotechnology Institute for Postgraduate study (2010)

Ghareeb A.M. Bacteriophages effects antibiotic sensitivity of *Staphylococcus aureus*. Journal of AL-Nahrain University (2010)

Ghareeb A.M. Use of teeth samples for Gender determination by PCR in Iraqi case. Iraqi J of Biotech (2010)

Al-Faisal A.M.; Alnajjar A.F. and Ghareeb A.M. AZF, SRY microdeletions and hormonal disturbances in azoospermic men. Isan Journal of pharmaceutical Sciences (2010)

Ghareeb A.M.; Zaidan, T.H. and Gharb, L.A. antibacterial and antifungal activity of *Ammi visnaga* against pathogenic micro organisms. Iraqi Journal of Science (2010)

Ghareeb A.M. Genetics Variants of k-Casein genes in Iraqi Buffalo breed assay using PCR-RFLP. Al-Kufa University Journal for biology: 945-952:2011

## Advance Membership

- The Society for Applied Microbiology
- Microbiology Society
- International Biometals Society

## **Certifications and Workshop Experience:**

**Certificate in English Language**, January 1998

Ministry of higher education and scientific research University of Baghdad / College of Language / Baghdad / Iraq

**Certificate for Computer training course for post Graduate Students**, July 1999

Ministry of higher education and scientific research

University of Baghdad / College of Education Ibn-Alhathem of Dept. of Computer Science

**Molecular Biology Work Shop**, September 2005

Jordan University Science and Technology Issued from BIO-RAD Laboratories

**International Environmental Health Conference**, September 2006. Amman, Jordan.

Oral Presentation: 1<sup>st</sup> Postgraduate Symposium - 9 June 2015, URS building, The University of Reading. UK.

• Oral Presentation: 2<sup>nd</sup> Postgraduate Symposium - 26 May 2016, URS building, The University of Reading. UK

• Poster: 10<sup>th</sup> International Biometals Symposium - 10–15 July 2016, Dresden, Germany.

• Poster: First Iraqi Cultural and Scientific Conference (ICSCR) - 18 July 2016, Reading. UK.

• Poster: Microbiology Research Away Day - 19 July 2016 - Building no. 22, London Road Campus, The University of Reading. UK.

• Poster: The annual Conference of Microbiology Society - 3–6 April 2017, EICC in Edinburgh. UK.

• Poster: The Seventh Congress of the International BioIron Society, Biennial World Meeting. 7–11 May 2017, UCLA Meyer & Renee Luskin Conference Center Los Angeles, California, USA.

• Poster: The 6<sup>th</sup> International Symposium on Metallomics, 14–17 August 2017. University of Vienna, Austria.