

# **Meqdad S. AHMED**

**BVSc, MSc Biotechnology**

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## **Education and Qualifications**

### **A. Schooling**

1988-1993 Mohabad Primary School, Dohuk

1994-1996 Mame Alan Intermediate School, Dohuk

1997-2000 Brayaty Secondary School, Dohuk

### **B. University and postgraduate:**

#### **PhD student in Vet. Biotechnology:**

- Started the PhD in Biotechnology since 1<sup>st</sup> of November 2020

#### **Master of Science (Biotechnology)**

- 2012-2013 Master of Science (Biotechnology) at Swinburne University of Technology, Faculty of Life and Social Science, Hawthorn campus, Melbourne, Australia.

#### **Projects Achieved during study:**

1. Molecular characterization of presumptive *Listeria Monocytogenes* Isolates from a Food Processing Environment (As major research project)
2. Comparative Methods for Detection of Small DNA Fragments

### **Bachelor**

- 2001-2006 B.Sc. in Veterinary Medicine and Surgery at College of Veterinary Medicine, University of Duhok, Kurdistan, Iraq.

## **Associated Experience**

**2014- 2019      Co-Director of Duhok Research Centre, College of  
Veterinary Medicine, University of Duhok, Kurdistan Region,  
Iraq.**

### **2014- 2016      Assistant Lecturer**

- Teaching basic biology practical session at Microbiology and pathology department at College of Veterinary Medicine, University of Duhok, Kurdistan, Iraq.
- Teaching Molecular biology practical session at Microbiology and pathology department at College of Veterinary Medicine, University of Duhok, Kurdistan, Iraq.

### **2016- Now      Lecturer**

- Teaching basic biology practical session at Microbiology and pathology department at College of Veterinary Medicine, University of Duhok, Kurdistan, Iraq.
- Teaching Molecular biology practical session at Microbiology and pathology department at College of Veterinary Medicine, University of Duhok, Kurdistan, Iraq.
- Teaching Biotechnology practical semester at crop field department, College of Agriculture, University of Duhok, Kurdistan, Iraq.
- Teaching Molecular biology (theory and practical) at college of Medical science, University of Duhok.
- Teaching Biotechnology at Microbiology and pathology department at College of Veterinary Medicine, University of Duhok, and Kurdistan, Iraq.

**2012-2014 Postgraduate student at Swinburne University of Technology,  
Faculty of Life and Social Science:**

1. Experience in biotechnology including genetic modifying food and the advancement of science and society as well as care of the environment.
2. Experience in bacteriology lab and worked with different samples
3. During projects gained a good experience in PCR techniques, DNA and protein sequencing analysis and a good experience in bioinformatics laboratory.
4. Have a good experience in conventional and real-time PCR.

**2006-2011 Demonstrator at College of Veterinary Medicine**

Demonstrator at Anatomy practical lab and postgraduate student Laboratory with experience in ELISA, serological and biochemical tests.

**Training Course:**

QIAGEN® Rotor-Gene Q Application and Software Training that held at Ankara on 11-13th of April 2017

**Contents of the Training course:**

- Rotor-Gene Instruments
- Rotor-Gene Software: Introduction
- Rotor-Gene Software: Data Analysis
- Hands on Demo

## **Other Experience**

### **2008-2011      Duhok Private Medical Specialist Laboratories**

Technician in clinical chemistry laboratory and clinical immunology.

### **2014- Now      VIN Medical Laboratories in VIN hospital and medical complex**

Work in clinical chemistry laboratory and clinical immunology department and Molecular Biology department.

### **2020 – Now**

### **VIN Medical Laboratories in VIN hospital and medical complex Corona (Covid19) detection department**

### **2015 – Now    Agent of Biolab Kurdistan Company for research and medical products.**

## **Puplication:**

1. AHMED M. S., TAHA Z. M. A., OMER L. T. (2015), Isolation and Molecular Identification with Resistant Profile Determination of *Listeria monocytogenes* from Imported Chicken Carcasses in Duhok, Kurdistan Region, Iraq, JOURNAL OF PURE AND APPLIED MICROBIOLOGY.
2. TAHA Z.M.A, AHMED M.S., ABDO J.M., (2015), Occurrence and antimicrobial resistance of *Salmonella* serotypes isolated from chicken carcasses in Duhok, Kurdistan Region / Iraq, Journal of Zankoi Sulaimani.
3. AHMED M. S. (2019), The investigation of molecular characterization of presumptive *Listeria monocytogenes* isolates from a food processing environment, Iranian Journal of Veterinary Research, Shiraz University.
4. Ahmed, J.Q., Ahmed, M.S. and Khanamir, R.A., 2018. Investigation and molecular Identification of circulating foot-and-mouth disease virus serotypes in the Duhok province-Kurdistan of Iraq.

5. Saleh Ahmed, Meqdad, Zirak Fage Ahmed Abdulrahman, and Zanan Mohammed Ameen Taha. "Risk Factors of Clonally Related, Multi, and Extensively Drug-Resistant *Acinetobacter baumannii* in Severely Ill COVID-19 Patients." *Canadian Journal of Infectious Diseases and Medical Microbiology* 2023 (2023).
6. HAJI, AZIZA RAOF, TARIK ABDULGADIR ABDAL, BALGEES AHMED ALI, and MEQDAD S. AHMED. "EFFECT OF GARLIC OIL ON SOME BIOCHEMICAL PARAMETERS IN RATS EXPOSED TO HYDROGEN PEROXIDE." *Journal of Duhok University* 22, no. 2 (2019): 189-195.
7. Khanamir, R. A., Ahmed, J. Q., Ahmed, M. S., & Jarjees, K. I. MOLECULAR CHARACTERISATION OF LUMPY SKIN DISEASE VIRUS IN CATTLE USING P32 AND RPO30 GENES IN DUHOK PROVINCE, KURDISAN REGION OF IRAQ.

## **References:**

### **1. Prof. Mrinal Bhave**

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Technology, Australia

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### **2. Prof. Dr. Nadhim S. Abdulaziz Jakhsi**

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### **3. Assistant Prof. Dr. Adel T. Mohammed**

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