

Marwan Hussain
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PhD. In Microbiology
Fellowship FHEA advance HE-UK

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Summary

I am working right now at Cihan University-Duhok in Iraq in the college of health sciences as a lecturer of Microbiology and Medical Microbiology.

I received my PhD. in Microbiology from Damascus University in 2015. I have a good experience in teaching and good experience in doing the research related to microbiology and Environmental microbiology particularly in staphylococcus spp., bacillus subtilis and antibacterial extracts depending on my thesis's Doctorate.

I have a good and basic knowledge in Enterobacteriaceae and antibiotic resistance, antimicrobial resistance depending on my thesis's Master degree. My research focuses on medical microbiology, biotechnology, water or food-borne pathogens, and any research concerning to medical microbiology and antibacterial subjects or searching for new antibiotics from Bacteria or natural resources. as well as, I am interest to do research for new antibiotics and apply it against bacteria, food-borne pathogens, fungi, viruses and cancer cells.

I have 11th researches published in international journals.

As my area in Biology and Microbiology I have a good experience in Labs. in addition, my working after graduation in the laboratories of pharmaceuticals, universities and schools.

I have been in The University of Liverpool for two months in 2018 as an academic visit and get training in molecular Microbiology.

I have been in Newcastle University for two months in 2019 as an academic visit and get training in qPCR and Next Generation Sequencing NGS.

I have dual Nationality (Syrian and Turkish) and all my certificates were equivalenced by the Ministry of Higher Education in Turkey-YÖK and by the Ministry of Higher education in Kurdistan region-Iraq.

Education

Damascus University

Doctoral Degree, Microbiology
Damascus, Damascus Governorate
Graduated November 2015

Damascus University

Master's Degree, Microbiology
Graduated February 2010

Damascus University

High School Diploma, Education and Methodology
Graduated September 2003

Damascus University

High School Diploma, Microbiology

Graduated October 2001

Tishreen University

Bachelor's Degree, Biology and Biochemistry
Latakia, Latakia Governorate
Graduated September 1998

Recent and previous Employment

Associate Prof. in Microbiology and medical Microbiology
Cihan University- Duhok, Duhok- Iraq 09/2022 – present

University of South Wales USW- Cara Fellow
Academic and research fellowship- South Wales 09/2021 – present

Omer Cham AIHL (High School)
Pendik-Istanbul 02/2021 – 07/2021

Damascus University
Assistant Lecturer at Faculty of science October 2010 – June 2014

Ministry of Education
Teacher of Biology
Damascus, Damascus Governorate February 2002 – December 2014

Medipharma
Chemist-Microbiologist
Aqraba, Rif-Dimashq Governorate September 2000 – August 2001

Pharmasyr
Chemist-Microbiologist
Badda, Rif-Dimashq Governorate October 1998 – September 2000

Yasemin Development Society
Assistant Manager and Manager of education and training (Volunteer)
Mardin, Mardin August 2018 – 09/2020

Judi Development Foundation
Manager of education (Volunteer)
Mardin, Mardin January 2017 – June 2018

The Subjects that I have taught and still teaching

General Microbiology 1 and 2

Medical Microbiology (Theory and Practical)

Medical Bacteriology. (Theory and Practical)

Diagnostic Bacteriology (Theory and Practical)

Medical Mycology (Theory and Practical)

Food microbiology (Theory and Practical)

Microbial Pollution (Theory and Practical)

Water and Soil Microbiology (Theory and Practical)

Professional Skills

Computer using, ICDL, office program: Advanced
presentation the lectures related to social and cultural activities and writing the articles in
magazines: Advanced

Writing articles in magazines and press and I have published articles related to science, culture and
education issues: Advanced

Languages

English: very good (IELTS: 5.5, date 8/2024 and Aptis test), Arabic: Native. Kurdish: Native
Turkish: Conversational

workshops

- **9 workshops between 2017-2019 at different dates on** EAP (English for Academic Purposes), (Academic Writing and Publication Skills) and ADS (Academic Development Skills) by the University of Edinburgh, the university of Sheffield, University of Reading, The university of Cambridge, University of Oxford, University of Kent, Queen Mary The university of London and Cara organization in Istanbul- Turkey. certificates are available.
- Bridge for researchers in danger going to Europe organized by Euraxess with Bielefeld Sofia universities and Tubitak in 9th May 2019 Ankara-Turkey.

Membership in societies

- Contributing member in ASM American society for Microbiology from 2012 until now
- Full membership in AMI Applied Microbiology International (SfAM previously) – UK from 2012 until now.

academic visits and conferences

- **15 June to 4th July 2019** an academic visit and training in new methods in molecular microbiology (qPCR, Next generation sequencing NGS) at Newcastle University, School of engineering and Environmental Microbiology.
- **4 June to 27 July 2018** an academic visit and training in new methods in microbiology in the University of Liverpool, Faculty of Science and Health- Institute of Integrative Biology.
- **9 -11 July 2018** International conference of SfAM (society for applied microbiology, UK) in Brighton in UK, about passport to infections, interaction of travel and leisure.
- **14th June 2018** International conference of Royal College of Physicians of Edinburgh in Edinburgh about Infectious Diseases.
- **18 - 19 February 2017** International Conference for Syrian Education, in Istanbul - Turkey
- as Participation in the workshops, and data analysis.

Project: The impact of a training program to raise awareness of health and environmental education for Syrian teachers in the north of Syria (Finished) Funded by Cara-UK (Finished)

Name of Researcher(s):

(Team Leader) Mervan Huseyin, Cihan university- Duhok, Iraq.

Abdul-muhaimen Dershewi, MIDAD center for teaching and education studies, Gaziantep, Türkiye

Debbi Marais, Warwick Medical School, University of Warwick, UK

Marwan Albuhtori, School of Life Sciences, University of Warwick, UK.

publications

International Journal

- Mervan Y. Huseyin, Abdulmuhaimen Dershewi, Debbi Marais, Marwan Albuhtori: Evaluating the effectiveness of a health and environmental education training program for Syrian teachers in Northern Syria, International Journal of Educational Research Open, 8 (2025) 100448- <https://doi.org/10.1016/j.ijedro.2025.100448>
- Mervan Yousif Huseyin, ABO Blood Group and RhD Antigen Relationship to COVID-19 Infections in Duhok-Iraq: A Retrospective Study, Mosul Journal of Nursing, vol. 13, No. 1, (2025), <https://doi.org/10.33899/mjn.2025.154629.1131>

- **Mervan Y. Huseyin.** The Prevalence of *Helicobacter pylori* Infections in Duhok Province, Iraq: A Retrospective Study. Eur J Med Health Res, 2024; 2(3): 71-6. DOI: 10.59324/ejmhr.2024.2(3).09.
- **Marwan Yousif Hussain, Adnan Ali-Nizam, Samir Abou-Isba, Ahed Abou-Younes, and Wajid Khaddour:** A broad-spectrum antibacterial activity of lyophilized crude extracts of *Bacillus subtilis* against clinical and food-borne pathogens, international Research Journal of Pharmacy and Medical Sciences (IRJPMS), Volume 1, Issue 3, pp. 15-21, 2018.
- **Hussain, Marwan Yousif, Ali-Nizam, Adnan, Samir Abou-Isba:** Antibacterial activities (Bacitracin A and Polymyxin B) of lyophilized extracts from indigenous *Bacillus subtilis* against *Staphylococcus aureus*, 2017, vol. 10, No. 3, Jordan Journal of Biological sciences.
- **Hussain, Marwan Yousif, Ali-Nizam, Adnan,** Antibacterial properties of crude lyophilized extracts of *Bacillus subtilis* against Coagulase negative *Staphylococci* CNS, ASIAN JOURNAL OF MICROBIOLOGY, BIOTECHNOLOGY AND ENVIRONMENTAL SCIENCE, AJ – F -1263, 2015 (4) issue of the journal.
- **Syrian Journal**
- **Hussain, Marwan Yousif, Ali-Nizam, Adnan:** Detection of *mecA* gene, *vanA* gene in *Staphylococcus aureus* and *Staphylococcus epidermidis* from clinical samples, Syrian Clinical Laboratory Association. vol. 8, No. 1 and 2, 7/2016.
- **Hussain, Marwan Yousif, Ali-Nizam, Adnan:** Prevalence, Antibiotic resistance of *Staphylococcus aureus*, CNS and determination of MRSA, MRCNS strains in clinical samples, Tishreen University Journal for Research and Scientific Studies-Biological sciences series. vol. 38, No. (1) 2016.
- **Hussain, Marwan Yousif, Ali-Nizam, Adnan:** Distribution of *Bacillus subtilis* and *Bacillus cereus* in soils of Damascus zone and its antibacterial activity against *Staphylococci* species, Damascus University Journal for Basic Sciences. Vol.32, No.1, (2016).
- **Hussain, Marwan Yousif, Ali-Nizam, Adnan:** Sensitivity and Resistance main *Staphylococcus* Sp. Isolated of urine Cause UTIs in the National Hospital in Qamishly, Tishreen University Journal for Research and Scientific Studies-Biological sciences series. Vol. 34, No. (6) 2012.
- **Hussain, Marwan Yousif, Ali-Nizam, Adnan:** Bacteria associated with Ear Infections in the National Hospital in Qamishly Syria and their Antimicrobial Resistance Damascus University Journal for Basic Sciences. vol. 28, No.1, (2012).

References

Ronak Ersan, Cihan University-Duhok, Iraq. Head department of Pharmacy, Mobile phone: +9647502206580, Email: ronak.arsan@duhokcihan.edu.krd

Thomas Curtis, friend and supervisor- School of Engineering Cassie Building (Room 1.10) Newcastle University Newcastle, UK. phone (191) 208-6690, Email: tom.curtis@newcastle.ac.uk

Prof Debbi Marais (PhD, PFHEA), Warwick Applied Health |Warwick Medical School Internal: +44 (0)24 7652 2036, The University of Warwick , d.marais@warwick.ac.uk

Dr Marwan Albuhtori - School of Life Sciences, University of Warwick, CV4 7AL- Office: B133 Email: marwan.albuhtori@warwick.ac.uk

Adnan Ali-Nizam, supervisor in Doctorate- Department of Biology, Faculty of science, Damascus University, Syria, phone 095552-5210 Email: adnizam60@yahoo.com

Samir Abou Isba, friend, Department of Biology, Faculty of science, Damascus University, Syria. phone 0986873440, Email: s.abouisba@yahoo.com