

Iman H F Alnaqshabandy

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WORK EXPERIENCES

December 2021 – present	Lecturer – Scientific Research Center/ Science College – University of Duhok
September 2021 – present	Coordinator – Scientific Research Center/ Science College – University of Duhok
September 2021 – present	Continuous Academic Development (CAD) representative – Scientific Research Center/ Science College – University of Duhok
August 2020 – December 2021	Assistant lecture – Scientific Research Center/ Science College – University of Duhok
October 2012 – April 2015	Assistant lecture for practical modules – Biology/ Science College – University of Duhok
October 2007– October 2009	Undergraduate practical modules demonstrator and workshop assistant – University of Zakho

RESEARCH EXPERIENCES

October 2015 – March 2020 United Kingdom	PhD in Molecular Microbiology and Structural Biology, sponsored by HCED – Higher Committee for Education Development - Prime minister office - Iraq University of York Supervisors: Prof. Daniela Barillà and Dr. Michael Plevin "Molecular Mechanisms and Dynamics of the Segregation of Plasmid pB171 From an Enteropathogenic <i>Escherichia coli</i> "
September 2009 – June 2012 Kurdistan- Iraq	MSc in Molecular Microbiology University of Zakho Supervisor: Prof. Jaladet M S Jubrael "Molecular Characterization of <i>Escherichia coli</i> Isolated from UTI Patients Attending Azadi Hospital in Duhok City"
October 2006 – May 2007 Kurdistan-Iraq	Undergraduate degree final year research project in Scientific Research Center, Molecular Biology Lab University of Duhok: Supervisor: Prof. Jaladet M S Jubrael

SKILLS

- **Computer-based skills:** Microsoft Office package, Prism Graph Pad, Inkscape, Molecule visualization software (e.g. Pymol, Chimera, CCP4 Molecular Graphics), Technical software (e.g. CCPNmr and TopSpin).
- **Lab-based skills:** Experienced in biophysical techniques (e.g. Nuclear Magnetic Resonance Spectroscopy (NMR), Crystallography (X-RAY), Atomic Force Microscopy (AFM), Confocal Microscopy, Microscale Thermophoresis (MST)) and biochemical techniques (e.g. mutagenesis and cloning, protein production and purification in bacteria, Western Blot).
- **Communication skills:** Highly motivated to lead my team to effectively organise various scientific events. Presenting seminars in local workshops and at international conferences, collaborated with other research groups. Wrote applications for additional funding (successfully awarded) and was involved in outreach activities.
- **Time management and organizational skills:** Being a coordinator at the department enabled me to effectively organise my schedule between departmental office work, teaching undergraduate students and organising various workshops in short time scale. In addition, during my PhD, I was able to develop an improved workflow and effectively time-manage of the workload between supervising undergraduate research students and focusing on my research activity, successfully completed all lab works before the target deadlines.

EDUCATION

September 2003- July 2007	BSc Biology University of Duhok First Class Honors, 81%
September 2000- July 2003	Duhok High School Diploma, 81/100

SELECTED CONFERENCES AND WORKSHOPS

- Attending the International Plasmid Biology Meeting, University of Cambridge (UK), September 2016
- Poster presentation in the Microbiology Society Conference, University of Edinburgh (UK), April 2017
- Attending NMR Meeting, University of Leeds (UK), September 2018
- Attending British Biophysical Society (BBS) 60th Anniversary Meeting “Biophysics through time and space”, UK via Zoom, September 2020
- An organizer for a workshop titled “The Outcome of UoD PEER Project to Open the Door of Nanotechnology Field at the College of Science/University of Duhok”, January 2022.
- An organizer for a workshop titled “General DNA Technology” phase I and II, was held on 28-30 March and 23-25 May 2022, respectively, at the scientific research center/ college of science-University of Duhok.

- Master of Ceremony for opening 2nd International Conference of Computer Science and Software Engineering (CSASE) 15-17 March, which was organized by the University of Duhok- Department of Computer Science and Technically was sponsored by IEEE Computer Society.

AWARDS

- £ 500 Travel grant awarded by the microbiology society-UK to attend the Microbiology Society Conference April 2017.
- £ 5000 PhD facilities award awarded by the biology department of the University of York to use Confocal Microscope, August 2017

TRAINING COURSES

- Atomic Force Microscopy (AFM) one-week training course at Nano Centre (Helix Building) the University of York- the UK, to study molecular interactions (protein/DNA) from June 2018 to October 2018
- Two days training course on the confocal microscope by Imaging and Cytometry staff/ Bioscience Technology Facility, September 2017, after awarding £ 5000 PhD facilities award by the biology department of the University of York to use the Microscope, August 2017

PUBLISHED ARTICLES

- Merza, N., Mosa, A., Fadhel Al-deen, I. and Abdullah, Z. (2018) "Fingerprinting and genetic relationship among *Escherichia coli* strains producing B. Lactamase collected from urine using ERIC/PCR Assay", *Zanco Journal of Pure and Applied Sciences*, 30(3), pp. 20-25. doi: 10.21271/ZJPAS.2018.30.3.3. <http://dx.doi.org/10.21271/ZJPAS.2018.30.3.3>
- Merza, N., Fadhel Al-deen, I., Khalid, H., Abdullah, Z. and Jubrael, J. (2016) "Molecular Characterization of Extended-Spectrum B-lactamase Producing *Escherichia coli* Isolated from Urine in Kurdistan Region-Iraq", *International Journal of Chemical and Biomolecular Science* 2 (2), 51-55

VOLUNTEERING ACTIVITIES

October 2016 – March 2018 the United Kingdom	Supervising three undergraduate students during research projects/ University of York
June 2016 United Kingdom	Volunteer for "Science out of the Lab", York Festival of Ideas York

LANGUAGES

- Kurdish- Mother Tongue
- Arabic – Second language, very good (Iraqi citizen)
- English- Resident in England from April 2015 – August 2020, Certified by British Council in 2015 (IELTS final mark: 6.5/9)