

Curriculum Vitae (C.V.)

Full Name: Dr. JAWAD ALI HUSSEIN ALPOFEAD, BSc, MSc, PhD, MRSC

Academic achievement: PhD in Analytical Chemistry

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Qualifications:

No.	Degree	University / College	Department	Graduation	Country
1	BSc	University of Baghdad / College of Education Ibn Al-Haitham	Chemistry	1993	Iraq
2	MSc	University of Thi-Qar / College of Science	Chemistry	2009	Iraq
3	PhD	University of Strathclyde/ Faculty of Science	Pure and Applied Chemistry	2016	UK
4	PG Cert. in Researcher Professional Development	University of Strathclyde	Researcher Development Programme	2016	UK

Membership & professional community

1. Member of **Royal Society of Chemistry (MRSC)**, UK
2. Reviewer for the journal of *Science of the Total Environment* (Elsevier/ ScienceDirect)
3. Reviewer for the journal of *Chemosphere* (Elsevier/ ScienceDirect)

Scientific Experience:

A. Job title: Promoted to Lecturer in 2012

B. Publications:

1. Determination of some heavy metals in extraction of plants by using different solvents. Thi-Qar University Journal for Agricultural Researches, (2012), 1 (2): 21-39.
2. Study of concentrations of heavy metals in the soils beside the Euphrates River. Journal of Al-Qadisiyah for Pure Science, (2012), 17(2)
3. Oral bioaccessibility tests to measure potentially toxic elements in inhalable particulate matter collected during routine air quality monitoring. Journals of Royal Society of Chemistry (RSC), Journal of Analytical Methods, 2016, 8, 5466–5474.

4. A novel two-step sequential bioaccessibility test for potentially toxic elements in inhaled particulate matter transported into the gastrointestinal tract by mucociliary clearance, *Journals of Springer, Journal of Analytical and Bioanalytical Chemistry* (2017) 409:3165–3174.
5. Spectrophotometric study of plant extracts of *Nerium Oleander*, *Conocarpus Lancifolins*, *Eucalyptus Camaldulensis Dehnh*, *Vicia* and *Jasminum Humile* using set of different organic solvents. *Journal of University of Thi-Qar*, (2019), 14 (1): 124-137.
6. On- and off-line analysis by ICP-MS to measure the bioaccessible concentration of elements in PM10 using dynamic versions of the simplified bioaccessibility extraction test, **415**, 2831–2848 (2023), <https://doi.org/10.1007/s00216-023-04695-7>.

C. Conferences

1. The First Scientific Conference at Department of Biology, College of Science, University of Baghdad, Iraq, 6-7/ 3 / **2012**.
2. The Sixth Scottish Symposium on Environmental Analytical Chemistry held at Glasgow University, UK on 11th December **2013**.
3. The 8th Annual Environment and Clean Technology Conference held at University of Strathclyde, UK on 26th June **2014**.
4. The 30th international conference of the society for environmental geochemistry and health, held at Northumbria University, Newcastle, UK from 30 June to 3 July **2014**.
5. Poster presentation at the Seventh Scottish Postgraduate Symposium on Environmental Analytical Chemistry held at Robert Gordon University in Aberdeen, UK on 29th January **2015**.
6. Poster presentation at the analytical research forum, RSC on 3 July **2015** in London, UK.
7. The seminar organised by Qmx Laboratories entitled “Advances in Sample Preparation and Sample Introduction for ICP-OES and ICP-MS” held at University of the West of Scotland, Paisley, UK on 17th March **2016**.
8. Oral presentation at BNASS held at Liverpool John Moore's University, UK from 4th to 6th July **2016**.

D. Training course:

1. Teaching methods course held at Al-Muthana University, Iraq, 2-9/ 10 / **2011**.
2. Computing applications course held at the Computer Center of Thi-Qar University, Iraq, 15-24/ 11 / **2011**.
3. Two-days training course for ICP-MS entitled “Agilent 7700 ICP-MS Techniques & Operation” held at University of Strathclyde, UK on 1st & 2nd June **2016**.

E. Teaching:

Year	Course	Ministry/University	Department
1999-2021	Chemistry	Ministry of Education	
2021-Present	Analytical Chemistry	University of Thi-Qar/College of Pharmacy	Pharmaceutical Chemistry
2021- Present	Advanced Pharmaceutical analysis	University of Thi-Qar/College of Pharmacy	Pharmaceutical Chemistry