

# Academic Curriculum Vitae



## Personal Information:

Full Name: Dotsha Jaleel Raheem  
Academic Title: Assistant Professor  
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## Education:

- BSc in Chemistry from Salahaddin University, Erbil, Iraq, 2002.
- MSc in Organic Chemistry – Synthesis from Baghdad University, Baghdad, Iraq, 2007.
- PhD in Chemistry from Bangor University, Bangor, UK, 2016.

## Employment:

- Salahaddin University, Erbil 2003 - current

## Qualifications

- B.Sc. in Chemistry
- M.S. Organic Chemistry – Synthesis
- Ph.D. Natural Products Chemistry
- IT qualifications: ICDL and Office Programs
- Language qualifications: TOEFL: 603, IELTS:7.0, Password: Password Plus

## Teaching experience:

- Working as lab teaching assistant and facilitator for Analytical, Organic and General Chemistry lab sessions for both chemistry and non-chemistry students 2003 - 2007.
- Teaching Organic Chemistry and related topics including Identification of Organic Compounds and Organic Chemistry practical modules for 1st - 4th year chemistry students 2007 – up to date.
- Examination committee member 2007-2009 and 2016 - 2018

- Director of Undergraduate Studies/Rapporteur/ Chemistry Department 2016 – 2018
- Head of Health and Safety for the Department of Chemistry 2016 – 2019
- Director of Graduate Studies/ College of Science/ Salahaddin University 2020 – 2023
- Teaching Basic Inorganic Chemistry for 1<sup>st</sup> year chemistry students and Biochemistry practical for 3<sup>rd</sup> year chemistry students 2023 – Up to date.

## Research and publications

- Hero S. Rahman, **Dotsha J. Raheem**, Fenik Sh. Hussen, Hawbash H. Karim, Shelan M. Khudhur and Faten A. Chaqmaqchee (2026) [“Elemental and Organic Matrix Analysis of the Land Snails \*Monacha cartusiana\* and \*Cochlicella barbara\* Shells”, ARO-THE SCIENTIFIC JOURNAL OF KOYA UNIVERSITY, 14\(1\), pp. 274–283. doi: 10.14500/aro.12421](#)
- Omer, B.A., Ahmed, A.A. & **Raheem, D.J.** [Multivariate Analysis of Physicochemical and Bioactive Markers as a Tool for Geographical Discrimination of Sumac \(\*Rhus coriaria\* L.\) Fruits from Kurdistan Region, Iraq. \*Food Anal. Methods\* 19, 40 \(2026\). <https://doi.org/10.1007/s12161-025-02960-2>](#)
- **Dotsha Jaleel Raheem**, Hero Sabah Rahman, Nareen Qadr FaqeAbdulla and Akhter Ahmed Ahmed, Study of the phytochemical diversity of segregated *Rhus coriaria* pericarp and seeds oil and their antifungal and antibacterial activity. [Zanco Journal of Pure and Applied Sciences. 2025 Feb 28;37\(1\):1-12.](#)
- **Raheem DJ.** The Effect of Physicochemical Properties and Elemental Composition on Nutritional Value and Safety of Tomato Fruits. [Zanco Journal of Pure and Applied Sciences. 2024 Oct 31;36\(5\):24-36.](#)
- Hussein, J.L., Ahmed, A.A. and **Raheem, D.J.**, 2023. Study of Antibacterial, Antioxidant Activity and Biochemical Parameters of Different Honey Samples. [Iraqi Journal of Science, 64\(5\), pp.2189-2201.](#)
- **Dotsha J. Raheem**, Ahmed F. Tawfike, Usama R. Abdelmohsen, RuAngelie Edrada-Ebel & Vera Fitzsimmons-Thoss, Application of metabolomics and molecular networking in investigating the chemical profile and antitrypanosomal activity of British bluebells (*Hyacinthoides non-scripta*), [Scientific reports, 2019: 9 \(2547\)](#)
- **Dotsha Raheem** and Vera Thoss, Seasonal Variation of Mono-, Di- and Polysaccharides in British Bluebells (*Hyacinthoides non-scripta*), [Journal of Plant Chemistry and Ecophysiology, 2016: 1 \(1005\).](#)

## Conferences and courses attended

- Glycoscience Summer School, Wageningen, The Netherlands, April 21-26,2014
- 31st conference of the International Society of Chemical Ecology (ISCE), Stockholm, Stockholm University Campus, Stockholm, Sweden
- 6th International Conference and Workshops on Basic and Applied Sciences (ICOWOBAS), March 18-19, 2017, Erbil, Kurdistan Region, Iraq
- Catalysis, Chemometrics and Renewable energy, Salahaddin University and Zanjan University, Erbil, April 24-25 2019

- Health and Safety at Work for University Academics, April 29 – 30, 2019, Salahaddin University, Erbil
- Symposium on Narcotics, Salahaddin University, Erbil, May 02, 2019
- Implementing Effective Chemical Safety and Security, CSP, Erbil, 23 – 28 June 2018
- IOSH Managing Safely, IOSH Working Safely, View Group, Erbil, June 24-28, 2018
- Cancer and Oncology Research Endeavor Symposium (CORE), Erbil, February 20, 2020
- The third excellent paper symposium, Erbil, February 22, 2020
- Occupational Health and Safety, Salahaddin University, Erbil, May 20, 2020
- 1st Scientific Conference of the College of Health Sciences, Hawler Medical University, Erbil, September 6-7, 2021

## Funding and academic awards

- Chemical Security Improvements at University of Salahaddin – Erbil, CRDF Global, GTR7-17-63437-0, November 15, 2018

## Professional memberships

- Kurdistan Chemists Syndicate
- Kurdistan Teachers Syndicate
- COLOSS (Honey Bee Research Association)

## Professional Social Network Accounts:

- Academic profile at Salahaddin University-Erbil: <https://academics.su.edu.krd/dotsha.raheem>
- ORCID ID: <https://orcid.org/0000-0003-3667-8967>
- Google Scholar: <https://scholar.google.com/citations?user=QDH2mX4AAAAJ&hl=en>
- ReserchGate: <https://www.researchgate.net/profile/Dotsha-Raheem>
- LinkedIn: <https://www.linkedin.com/in/dotsha-jaleel-67513428/>