

## Curriculum Vitae

**Name:** Dr Bashdar Abuzed Sadee  
**Speciality** Analytical Chemistry  
**PhD** Environmental Science  
**Date of birth:** 1<sup>st</sup>Jan 1980  
**Married status:** Married  
**Gender:** Male  
**Work Address:** Salahaddin University  
Agriculture Engineering Sciences College  
Food Technology Department  
Erbil –Kurdistan Region of Iraq  
**Home Address:** Ally 100  
Kurdistan 207  
Erbil-Kurdistan Regional of Iraq  
44002  
**Phone No:** 009647504681186  
**Email:** [bashdar.sadee@su.edu.krd](mailto:bashdar.sadee@su.edu.krd)

### Summary

Analytical research chemist with exceptional problem solving and operational skills desire position at analytical laboratory.

Self-motivated as an analytical chemist and Environmentalist, instrumental analytical chemistry, metal speciation, environmental arsenic and applied science. Total arsenic and arsenic speciation in indigenous food stuffs.

### Skills

High performance liquid chromatography. Inductively coupled plasma mass spectrometry.

Inductively coupled plasma atomic emission spectrometry. Instrumental analytical chemistry.

Metal speciation, environmental arsenic and applied science.

**Language skill:** Fluent in Kurdish and English (Excellent in writing and speaking)

: Good in Arabic (Excellent in writing and good in speaking)

**Computer skill:** Windows, Microsoft Word and Microsoft Excel.

## **Working history**

**Lecturer:** (Teaching analytical chemistry and researching): 04/2016 to up to date.

Salahaddin University- Agriculture College-Food Technology Department

Arbeel–Kurdistan Region of Iraq.

**Visiting Lecturer:** 2018 -2020.

Cihan University- Health Technology College-Nutrition Department

Erbil–Kurdistan Region of Iraq.

Lecturer: 15/10/2017 to 01/06/2018.

MAD institute for Oil and Petroleum.

Arbeel–Kurdistan Region of Iraq.

**Demonstrator:** (Laboratory based teaching): 01/2014 to 01/2015

Plymouth University-School of Earth, geology and Environmental Sciences.

Plymouth-UK.

**Assistant lecturer:** (Teaching analytical, inorganic and organic chemistry): 09/2010 to 05/2011

Salahaddin University- Agriculture College-Food Technology Department

Erbil–Kurdistan Region of Iraq.

**Demonstrator:** (Organised lab test solutions, compounds and reagents): 04/2004 to 11/2007

Salahaddin University- Agriculture College-Food Technology Department

Erbil –Kurdistan Region of Iraq.

## **Education History**

**1-PhD** in Environmental Sciences, 2016

Plymouth University- Plymouth, UK

**2-MSc. in** Analytical Chemistry, 2010

**Salahaddin University**-Arbeel, Iraq.

**3-BSc.** in Chemistry, 2003

**Salahaddin University**-Arbeel, Iraq.

.Member of Biogeochemistry group at Plymouth University (2012-2016) –UK.

Member of Postgraduate Society at Plymouth University (2012-2016) –UK.

.Member of Chemical Society-Erbil (Emphasis in chemistry)

## List of publications

### Publications

Bashdar A Sadee, Mike A Foulkes and Steve J. Hill (2020) Arsenic speciation and its DNA fractionation in the rice plant *Oryza sativa* J. Anal. At. Spectrom, <https://doi.org/10.1039/D0JA00141D>.

Bashdar A Sadee, Mike A Foulkes and Steve J. Hill (2016) 'A study of arsenic speciation in soil, irrigation water and plant tissue: A case study of the broad bean plant, *Vicia Faba*' Food Chemistry, 210 (2016), 362-370.

-Bashdar A Sadee, Mike A Foulkes and Steve J. Hill (2016) 'An evaluation of extraction techniques for arsenic in staple diets (fish and rice) utilising both classical and enzymatic extraction methods' Food Additives & Contaminants: Part A, Vol 33 No 3, (2016), 433-441.

-Bashdar A Sadee, Mike A Foulkes and Steve J. Hill (2015) 'Coupled techniques for arsenic speciation in food and drinking water: a review'. J. Anal. At. Spectrom., 30, 102.

-Kamal Mahmood and Bashdar A Sadee (2010) 'Spectrophotometric determination of carbaryl using diazotization-coupling and flow injection analysis with chemiluminescence' International Jour. Chem., (20): 245-252.

### List of conferences

#### Oral presentation

-Total arsenic and arsenic speciation in indigenous food stuffs, Biogeochemistry Research Centre (BGC), 4th Annual Conference, Plymouth, UK, 2012.

-Arsenic in our food: A study of arsenic speciation in a range of common food stuffs, Biogeochemistry Research Centre (BGC), 5th Annual Conference, Plymouth, UK, 2013.

-Determination of total arsenic and arsenic speciation in a range of vegetables and crops measured by HPLC-ICP-MS, Biogeochemistry Research Centre (BGC), 5th Annual Conference, Plymouth, UK, 2014.

#### Poster presentation

-Total arsenic and arsenic speciation in fish, The Postgraduate Society Annual Conference, Plymouth University, Plymouth, UK, 2013 (with S. Hill, M. Foulkes).

-Determination of total arsenic and arsenic speciation in local market garden vegetable crops. 17th BNASS/14th Trace Spe – The TANDEM conference, University of Aberdeen, Aberdeen, UK, 31 August - 4 September 2014 (with S. Hill and M. Foulkes).

-The determination of total arsenic and arsenic speciation in some Kurdish vegetables and plants. 17th BNASS/14th Trace Spe – The TANDEM conference, University of Aberdeen, Aberdeen, UK, 31 August - 4 September 2014 ((with S. Hill and M. Foulkes).

-Determination of total arsenic and arsenic speciation in a range of fish species caught in coastal waters around Plymouth. 17th BNASS/14th Trace Spe – The TANDEM conference, University of Aberdeen, Aberdeen, UK, 31 August - 4 September 2014, (with S. Hill and M. Foulkes).

-Arsenic extraction for speciation in a range of vegetable and crops using HPLC-inductively coupled mass spectrometry. European winter conference on Plasma Spectrometry 2015, Munster University, Munster, Germany, 22-26 February 2015 (with S. Hill and M. Foulkes).

Arsenic extraction for speciation in a range of vegetable and crops using HPLC-inductively coupled mass spectrometry. European winter conference on Plasma Spectrometry 2015, Munster University, Munster, Germany, 22-26 February 2015 (with S. Hill and M. Foulkes).

Determination of total arsenic and arsenic speciation in fresh Atlantic fish using HPLC-ICP-MS. European winter conference on Plasma Spectrometry 2015, Munster University, Munster, Germany, 22-26 February 2015 (with S. Hill and M. Foulkes).

Monitoring total and arsenic speciation in various Kurdish vegetables and crops measured by HPLC-ICP-MS. European winter conference on Plasma Spectrometry 2015, Munster University, Munster, Germany, 22-26 February 2015 (with S. Hill and M. Foulkes).