

# Academic Curriculum Vitae



## Personal Information:

Full Name: Dr. Aras Muhammed Khudhur

Academic Title: Assistant Professor

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## Education:

Degrees	Department	University	Country	Date of Completion
BSc	Biology	Salahaddin	Iraq	1997
Diploma				
MSc	Biology	Salahaddin	Kurdistan Region/ Iraq	2006
PhD	Soil and Water	Salahaddin	Kurdistan Region/ Iraq	2011
Post.Doc	Science	Plymouth	Plymouth /UK	2014

## Employment:

University	Collage	Department	Year
Salahaddin University	Agriculture Engineering Sciences	Plant Production	1998

Assistant Lecture Salahaddin University	Agriculture Engineering Sciences	Plant Protection	2004
Lecturer Salahaddin University	Agriculture Engineering Sciences	Plant Protection	2010
Assistant Professor	Agricultural Engineering Sciences	Soil and water science	2019

## Teaching experience:

No.	Course Teaching	Department	Stage
1.	General Microbiology	Soil and Water	2 <sup>nd</sup> Stage
2.	Soil Microbiology	Soil and Water	2 <sup>nd</sup> Stage
3.	Biofertilizer	Soil and Water	Postgraduate Msc. Student
4.	Biotechnology	Soil and Water	Postgraduate Msc. Student
5.	Soil biotechnology	Soil and Water	Postgraduate PhD. Student
6.	Aquatic Microbiology	Soil and Water	Postgraduate PhD. Student
7.	Virology	Plant protection	2 <sup>nd</sup> Stage
8.	Mycology	Plant protection	2 <sup>nd</sup> Stage
9.	Antibiotics	Basic Science/ College of Dentistry	Postgraduate PhD. Student
10.			

## Research and publications

No	Research Title
1.	Effects Of The Transconjugant Pseudomonas Fluorescens Carrying 1-Aminocyclopropane-1-Carboxylate Deaminase Gene On Drought Tolerance Of Wheat

2.	Chromosomal nif Genes Transfer by Conjugation in Nitrogen Fixing Azotobacter chroococcum to Lactobacillus plantarium
3.	Transferring of Exopolysaccharide (EPS) Gene Cluster from Rhizobium leguminosarum to Pseudomonas fluorescens by Horizontal Gene Transfer Techniques
4.	Prospects of Potassium and Phosphate Solubilizing Bacteria for Nodulation Enhancement, growth and yield of Chickpea plant (Cicer arietinum L.)
5.	PASSAGE OF WHEAT FIRE IMPACT ON SOIL PROPERTIES AND ENVIRONMENT IN KURDISTAN REGION
6.	EFFECT OF SOME PESTICIDES ON 1-AMINOCYCLOPROPANE-1-CARBOXYLATE (ACC) DEAMINASE BIOSYNTHESIS GENE OF DROUGHT RESISTANCE PSEUDOMONAS PUTIDA AND TRANSCONJUGANT PSEUDOMONAS FLUORESCENS
7.	The combined Application of Iron and Phosphate Solubilizing Bacteria to enhance Wheat (Triticum aestivum L.) growth and yield
8.	Isolation of Pseudomonas putida from Harir district/Erbil, Kurdistan region-Iraq soil and screening for the presence of phosphate solubilizing genes
9.	ISOLATION AND CHARACTERIZATION OF PLANT GROWTH PROMOTING RHIZOBACTERIA (FLUORESCENT PSEUDOMONADS) FROM ERBIL SOIL, KURDISTAN REGION-IRAQ AND USE TO IMPROVE GROWTH AND YIELD OF ZEA MAYS
10.	Isolation and characterization of Zinc Solubilizing Bacteria in  Erbil Governorate soils
11.	Molecular Identification of Iron Solubilizing Bacteria in Erbil soil
12.	Co-Inoculation of Achromobacter xylosoxidans and Pseudomonas fluorescens 5B1 to Enhance the Growth and Nutrient Uptake of Two  Varieties of Solanum Tuberosum

## Conferences and courses attended

1.	Second International conference of sunn pest Eurygaster integriceps Puton in Aleppo Syria.
2.	Plant protection conference in Damascus -Syria

3.	Plant Protection conference in Beirut- Lebanon.
4.	International conference of Salahaddin-University -Erbil
5.	The 2nd Scientific Agricultural Conference Salahaddin- University-Erbil
6.	5 <sup>th</sup> International conference of Honey bee in Abha-Saudi.
7.	International conference of honey bee in Karage -Tehran.

## Funding and academic awards

- List any bursaries, scholarships, travel grants or other sources of funding that you were awarded for research projects or to attend meetings or conferences.

## Professional Social Network Accounts:

- List your profile links of ReserchGate, LinkedIn, etc.

No	Social Account	Profile link
1.	Google Scholar	<a href="https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;user=n_eL_WD0AAAAJ">https://scholar.google.com/citations?view_op=list_works&amp;hl=en&amp;user=n_eL_WD0AAAAJ</a>
2.	ReserchGate	<a href="https://www.researchgate.net/profile/Aras-Khudhur">https://www.researchgate.net/profile/Aras-Khudhur</a>
3.	LinkedIn	<a href="https://www.linkedin.com/in/aras-muhamad-67440654">https://www.linkedin.com/in/aras-muhamad-67440654</a>
4.	Orcid	<a href="https://orcid.org/0009-0003-6937-0237">https://orcid.org/0009-0003-6937-0237</a>