

## CV

**Name:** Ayoob Obaid Alfalahi

**Date of Birth:** 1977

**Religion:** Muslim

**Martial statues:** Married

**No. of children:** Two

**Specialization:** Plant Biotechnology

**Position:** Lecturer

**Scientific Degree:** Professor

**Work Address:** College of Agriculture-University of Anbar

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■ **First, Scientific Certification:**

Degree science	University	College	Date
B.Sc.	Baghdad	Agriculture	2000
M.Sc.	Baghdad	Agriculture	2002
Ph.D.	Baghdad	Agriculture	2011
Any other			

■ **Second, Career:**

No.	Career	Workplace	From -To
1	Lecturer	College of Agric.-Univ. of Anbar	2003 till now
2	Scientific Outputs Marketing (Director)	University of Anbar	2018 -2019
3	Head of Department	Plant protection- College of Agric.- Univ. of Anbar	2020 till now

■ **Third, University Teaching.**

No.	University	The (Institute / College)	From -To
1	Anbar	College of Agriculture	2003 till now
2			

■ **Fourth, Courses Which You Teach:**

No.	Department	Subject	Year
1	Field Crops Sciences	Principles of Statistics	2005-2010
2	Field Crops Sciences	Plant Genetics	2009-2010
3	Field Crops Sciences	English Language	2011-2017
4	Field Crops Sciences	Statistics and Experimental Design	2013-2017
5	Field Crops Sciences	Principles of Field Crops	2-14-2015
6	Agricultural Economic	Principles of Field Crops	2011
7	Plant Protection	Principles of Field Crops	2012

8	Food Sciences	Principles of Statistics	2012
9	Plant Protection	Principles of Statistics	2013
10	Field Crops Sciences	Epigenetics	2016
11	Field Crops Sciences	Molecular Genetic	2013 till now
12	Field Crops Sciences	Biotechnology	2018
13	Plant Protection	Biotechnology	2018 till now
14	Plant Protection	Advanced Biotechnology	2018 till now

■ **Fifth, Thesis which was supervised by :**

No.	Thesis Title	Department	Year
1	<b>Molecular Relationship Between DNA Methylation Pattern And Hybrid Vigor In Maize (<i>Zea mays</i> L.)</b>	Field Crops Sciences	2017
2	<b>The Molecular Effect of Selfing in the Genetic and Epigenetic Diversity and Their Relationship With Hybrid Vigor in Maize</b>	Field Crops Sciences	2018
3	<b>The Molecular Effect of Plant Density In DNA Methylation Level And Gene Expression of Maize (<i>Zea mays</i> L.) Inbred Lines and Hybrids</b>	Field Crops Sciences	2018
4	<b>Studying of SNP'S and Cytosine Methylation Pattern Using MSAP and Their Relationship with Hybrid Vigor in Cytoplasmic Male Sterility of Sunflower</b>	Field Crops Sciences	2019
5	<b>Induction of Genetic Variation to Drought Tolerance in Tissues Culture of Maize by Mutagenesis and It's Effect on DNA Methylation Pattern</b>	Field Crops Sciences	2020
6	<b>Relationship Between HSP101 Gene Expression and Development of Reproductive Organs and Yield Affected by Irrigation Interval in Half-Diallel of Maize</b>	Field Crops Sciences	2022
7	<b>Role of Melatonin in Resistance to Wilt Disease Infection and Molecular Regulation of Oxidative Stress in Soybean Cultivars</b>	Plant Protection	2023

■ **Sixth, Conferences which you participated:**

No.	Conferences Title	Year	Place	Type of Participation
1	The 1 <sup>st</sup> Scientific Conference	2011	Institution of Genetic Engineering-Univ. of	Search Paper
2	The 5 <sup>th</sup> Scientific Agricultural Conference	2017	Coll. of Agric.-Univ. of Anbar	Preparation Committee Search Paper
3	The 1 <sup>st</sup> International Scientific Conference	2018	Univ. of Anbar	Preparation Committee
4	The 2 <sup>nd</sup> International Scientific Conference	2019	Biotechnology Center-Alnahrain University	Search Paper
5	The 4 <sup>th</sup> International Scientific Conference	2019	Institution of Genetic Engineering-Univ. of	Search Paper
6	The Environmental Fluctuations and its Effect in Field Crops (Symposia)	2019	Coll. of Agric.-Univ. of Baghdad	Key note speaker
7	International Collaborative Conference of Modern Agricultural Technologies-2021	2021	Coll. of Agric.-Univ. of Anbar	Head of Publication Committee
8	Third Scientific and First International Conference of Desert Studies (ICDS-2021)	2021	Univ. of Anbar	Head of Publication Committee
9	2nd International Scientific Conference of Water- 2023 (ISCW-2023)	2023	Univ. of Anbar	Head of Publication Committee
10	International Collaborative Conference of Modern Agricultural Technologies-2023	2023	Coll. of Agric.-Univ. of Anbar	Head of Publication Committee

■ **Seventh, Scientific Activities:**

Within the College	Outside the College
	Lecturer of teaching method Courses (Experimental Design)

**Eighth, Research Projects in The Felid of Specialization to**

**The Environment and Society or the Development of Education:**

No.	Research Title	Place of Publication	Year
1	Polyploidy and its relationship with plant breeding and adaptation.	The Iraqi J. Agric. Sci. 39(6):49-71.	2008
2	TILLING: Modern technique combines traditional mutagenesis	The Iraqi J. Agric. Sci. 40(1):1-25	2008
3	Crop and soil management and breeding for drought tolerance.	The Iraqi J. Agric. Sci. 40(2):1-28	2009
4	Cell suicide or programmed cell death.	The Iraqi J. Agric. Sci.	2009
5	Depleted uranium and biota biology.	The Iraqi J. Agric. Sci. 41(1):1-15.	2010
6	Biota gene flow and genome contamination.	The Iraqi J. Agric. Sci. 41(2):126-149.	2010
7	Phenotypic variations of maize CMS populations and	The Iraqi J. Agric. Sci. 43(3): 108-122.	2012
8	Phenotypic variations of maize CMS populations and	The Iraqi J. Agric. Sci. 43(3): 123-132.	2012
9	Molecular variations of maize CMS populations and subpopulations.	Iraqi J. Biotech., 11 (2):292-312.	2012
10	Using DNA Sequencing to Detect and Verify Genetically Modified	J. of University of Anbar for Pure Science, 7(3): 1-7.	2013
11	Molecular variation between population and subpopulation of	The Iraqi J. Agric. Sci. 44(3):274-288.	2013
12	Impact of hybridization on the pattern of molecular genetic	J. of Exp. Bio. and Agri. Sci., 3(6): 479-486.	2015
13	Relationship between Selfing Generation and Hybrid Vigor in	J. Plant Production, Mansoura Univ., 9(1):7-12	2018
14	Molecular detection of Johnsongrass ( <i>Sorghum halepense</i>	Asian J. of Plant Science, 17(3): 160-172.	2018
15	DNA Methylation And FeSOD Gene Expression Affected By Plant	The Iraqi J. Agric. Sci. 50(1).	2019
16	Molecular Diversity of nrDNA ITS Region Affected Heterosis in	The Iraqi J. Agric. Sci. 50(5).	2019
17	Epigenetic Role of DNA Methylation in Hybrid Vigor of	Pakistan Journal of Botany,	2019
18	Callus Induction and Plant Regeneration From Immature	Iraqi Journal of Biotechnology, 18(2): 57-63.	2019
19	Molecular Evaluation of Salt Stress Tolerance Induced by Sodium	Journal of Biotechnology Research Centre, 13(1): 44-	2019
20	Molecular discrimination of maize CMS type and genetic relationship	Alfalahi, A.O., R.M. Theer, M.A. Mohammed, M.H.	2019

21	Biochemical Characterization of Ferula rutbaensis Medicinal Plant in	Periodico Tche Quimica, 36(17): 831-844.	2020
22	Riboflavin and Cultivars Affecting Genetic Parameters In Maize (Zea	AIP Conference Proceedings, 2290, 020020.	2020
23	Cu/Zn and MnSOD gene expression induced by ethyl methanesulfonate and	AIP Conference Proceedings, 2290, 020017.	2020
24	A novel and Rapid Method for Detecting Bio-fungicide Properties in	IOP Conf. Series: Earth and Environmental Science, 761,	2021
25	Macrophomina phaseolina (Tassi) Goid Culture Filtrates is a Lucrative	IOP Conf. Series: Earth and Environmental Science, 761,	2021
26	Nanonutrients: Biosynthesis, Delivery and Function. Chapter in	Springer International Publishing.	2021
27	Epigenetic variations as a new plant breeding tools: A review.	Journal of King Saud University-Science. Volume 34,	2022
28	Ultrasonic enhances germination parameters and affects antioxidant	Agronomy, 12, 2446.	2022
29	Genetic variations among fleabane [Conyza bonariensis (L.) Cronquist]	Agriculture, 13, 435.	2023
30	Phytochemical analysis and antifungal potential of two Launaea mucronata	Journal of Ethnopharmacology, 116965	2023

■ **Ninth, Membership:**

- **Member of Scientific Committee**
- **Member of Examination Committee**
- **Member of Scientific Promotions Committee**
- **Head of Department of Plant Protection**

■ **Tenth, Awards and Certificates of Appreciation:**

No.	Name of Awards and Certificates	Donor	Year
1	The first prize of the excellent undergraduate student	Presidency of the Republic of Iraq	2000
2	Certificate of Appreciation	President of the University of Anbar	2011
3	Certificate of Appreciation	President of the University of Anbar	2017
4	Certificate of Appreciation	President of the University of Anbar	2018
5	Certificate of Appreciation	President of the University of Anbar	2018
6	Certificate of Appreciation	Vice Minister of Higher Education	2018

7	Certificate of Appreciation	Dean of the Coll. of Agri.- Univ. of Tikrit	2017
8	Certificate of Appreciation	Dean of the Coll. of Agri.- Univ. of Anbar	2016
9	Certificate of Appreciation	Dean of the Coll. of Agri.- Univ. of Anbar	2018
10	Certificate of Appreciation	Dean of the Coll. of Agri.- Univ. of Anbar	2019
11	Certificate of Appreciation	President of the University of Anbar	2019
12	Certificate of Appreciation	President of the University of Anbar	2019
13	Certificate of Appreciation	President of the University of Anbar	2020
14	Certificate of Appreciation	President of the University of Anbar	2020
15	Certificate of Appreciation	President of the University of Anbar	2020
16	Certificate of Appreciation	President of the University of Anbar	2021
17	Certificate of Appreciation	President of the University of Anbar	2021
18	Certificate of Appreciation	President of the University of Anbar	2021
19	Certificate of Appreciation	Minister of Higher Education and Scientific Research	2020
20	Certificate of Appreciation	Minister of Higher Education and Scientific Research	2021
21	Certificate of Appreciation	Minister of Higher Education and Scientific Research	2021
22	Certificate of Appreciation	President of the University of Anbar	2022
23	Certificate of Appreciation	President of the University of Anbar	2022
24	Certificate of Appreciation	President of the University of Anbar	2022
25	Certificate of Appreciation	Minister of Higher Education and Scientific Research	2022
26	Certificate of Appreciation	Minister of Higher Education and Scientific Research	2022
27	Certificate of Appreciation	President of the University of Anbar	2023
28	Certificate of Appreciation	President of the University of Anbar	2023
29	Certificate of Appreciation	President of the University of Anbar	2023

30	Certificate of Appreciation	Minister of Higher Education and Scientific Research	2023
31	Certificate of Appreciation	Minister of Higher Education and Scientific Research	2023

■ Eleventh, Scientific literature:

No.	Scientific Literature Title	Year of The Publication
1	Nanobiotechnology: Mitigation of Abiotic Stress in Plants	2021

■ Twelfth, languages:

- ✓ Arabic
- ✓ English

