

Curriculum Vitae



Name : Nabeel Khalaf Al-Ani

Born : Iraq 1954

Marital status : Married with 3 children

Permanent &Correspondent

Address : Al - Nahrain university college of Biotechnology
post Box 64055 Baghdad IRAQ .

E-mail address : nkalani54@yahoo.com
Tel 0096415558265 mobile 00 964 7901743509

Specialization field : BIOTECHNOLOGY, PLANT
PHYSIOLOGY, andTISSUE CULTURE.

Educational Background : * 1976 B.Sc .Horticulture, Agricultural College
BaghdadIRAQ.
*1982-1985 Postgraduate in UniversityCollege of
Wales, Aberystwyth U.K.
*1986 Awarded Ph.D .in Plant Tissue Culture.
* 2013 Awarded professor title form University of Al-
Nahrain Iraq

Positions

2017-Now Professor in plant biotechnology . college of Biotechnology ALnahrain
University IRAQ

2015- 2017 Deputy dean for Aministrative and finance. In Al-Nahrain University IRAQ

2013 –2015 Professor in plant biotechnology . college of Biotechnology ALnahrain
University IRAQ

2008 -2013 Assistant prof .inBiotechnologyDept.ScienceCollege .
Al Nahrain UniversityIRAQ.

2007-2008 Assistant prof .in higher college of technology ,MuscatOman

2003 2007 Assistant prof.Head of Biotechnology Dept .ScienceCollege .
Al - Nahrain UniversityIRAQ.

2001 –۲۰۰۳ Private company .Responsible for establishing new commercial
tissue culture laboratory .

1997-2001 Assistant proof .In Science College Biology Dept .Nassir University Libya.

1995-1997 Assistant prof .In ScienceCollege Biotechnology Dept .Saddam University IRAQ.

1990-1995 Assistant prof .In ScienceCollegeBaghdadIRAQ.

1987-1990 Researcher – Genetic Engineering and BiotechnologyResearchCenter,
Scientific Research Council BaghdadIRAQ.

1986-1987 Lecturer in Agricultural CollegeUniversity of Baghdad.

1982-1986 Post Graduate in U.K.

- 1980-1982 Army National Service.
- 1976-1980 Assistant Lecturer in Institute of Agriculture Baghdad.

Symposium Conferences and Congresses:

1. Conference in plant tissue culture and its Agricultural application 17-21st Sep .1984 Nottingham U.K.
2. Conference in micro propagation in horticulture – Practice of Commercial problems . 24 -26th March 1986 Nottingham U.K.
3. Symposium in Date palm tissue culture, Scientific Research Council 26-29th Sep . 1988.IRAQ.
4. Symposium in Biotechnology in industry .Scientific Research Council 2-24th Nov .1988 IRAQ.
5. First Arab Conference on Biotechnology 27-30th March 1989 AmmanJORDAN.
6. Fifth Scientific Conference, Scientific Research Council 7-11th Oct .1989 IRAQ.
7. International conference on Date palm 16-19 2003 .Saudi Arabia
8. —8th international conference for Arabian experimental biology Egypt 2012
9. Research management workshop CRDF Global june 24-28 2012
10. workshop on introducing research paper for publication 15 April 2013
11. strategy for education development in Iraq 23/2//2014
12. workshop on personality and work improvement 25/2/2014
13. workshop on Biosafety & Biosecurity management Seychelles 22-29May 2015
14. workshop on medicinal plants. Ministry of Agriculture Iraq. 16 -17 Dec.2015

Publications :

1. Biotechnology in IRAQ .First Arabian Conference in Biotechnology 27-30th March 1989, AmmanJORDAN .
2. Determination in poinsettia tissue culture .Proceeding 5th Scientific Conference . Scientific Research Council IRAQ, 1989.
3. In vitro propagation of *Sedum adolphii* .Abin Al-Haitham scientific journal,Volume 22 number 22 Baghdad, IRAQ, 2009.
4. Different parameters for alkaloid detection in *C.roseus* tissue culture .Abin Al-Haitham scientific journalvolume 22 number 22, Baghdad IRAQ, 2009.
5. Study on the effects of Boron on the structure of chloroplasts of Cauliflower, using light scattering technique .Abin Al Haitham Science Journal, BaghdadIRAQ, 1999
6. Allometric relationships of *Datura innoxia* *in vivo* & *in vitro* .Iraqi biological society journal .BaghdadIraq volume 3 :2005

7. *In vitro* Callus induction and Shoot proliferation in Jojoba *Simmondsia chinensis*) Link (Schn.J.Biotechnology research center al Nahrain university Iraq No.2 2008
8. Effect of China berry crude extracts on broad mites *in vivo* and *in vitro* J.Biotechnology research center AlNahrain university Iraq No.2 2008
9. The possibility o using *Glycyrrhiza glabra*L .Callus extracts as an alternative to plant growth regulators in plant tissue culture experiments . J.Biotechnology research center AlNahrain university Iraq No.2 2008
10. Effect of crude extracts)vegetative and callus parts (of *Melia azedarach* on cancer and normal cells *in vitro* . Iraqi journal of cancer vol/1 No2 /2008
11. Thymol production fom callus cultures of *Nigella sativa* . PTCB vol (18) No.2 2009 .
12. Micropropagation of *Aloe vera in vitro* .Al-Nahrain university Journal for science .
13. Effect of Magnetic field on Mites .Al-Nahrain university Journal for science . Vol 13 No.3, sept 2010
14. Effect of 2,4-D and kinetin combinations on callus induction on *Nigella sativa* explants and production of Thymol . The international journal for sceinces and technology vol(5) No.(2) 2010. Jordon
15. Effect of Magnetic field on some Bacteria. Al-Anbar journal of Agricultural sciences vol(9)No.1 2011. Al-Anbar university Iraq.
16. Effect of *Suaeda aegyptiaca* Extracts on Some Microorganisms *In vivo* and *In vitro*. *J Bio Life Sci* 2011 2(1):16-21 Finland.
17. Using Silver Nano-particles to increase efficiency of sterile solution for *in vitro* techniques. Iraqi journal of cancer and medical genetics vol 4 No 1 2011
18. Molecular-based marker for sex differentiation of jojoba *in vivo* and *in vitro* Iraqi cultivars using RAPD- PCR technique. Scientific Research and Essays Vol. 7(4), pp. 522-527, 30 January, 2012
19. CHEMICAL ANALYSIS AND ANTIFUNGAL ACTIVITY OF *PALIURUS SPINACHRISTII*. Egypt. J. Exp. Biol. (Bot.), 8(1): 99 – 102 (2012).
20. Study the effect of glutathione (GSH) on blood glucose level in Diabetic Male Mice. Al-Nahrian University Journal for science .Journal of Al-Nahrain university vol16(3) sept 2013 pp 230-238 .
21. Study the effect of glutathione on fertility potential *in vitro* in male diabetic induced mice. Iraqi Journal of embryos and fertility Researches. Vol (2) No, (4) 2012
22. Extract of *Eruca sativa* and Its Effects on Sex Differentiation in Muskmelon. Annual Review & Research in Biology 3(4):, 2013.
23. Effect of ethanolic olive leaf and its callus ethanol extracts in Alloxan – induced diabetic in mice (blood glucose and lipid profiles) . Journal of biotechnology research center Vol7. No2. 2013.
24. ANTI OXIDANT ACTIVITY OF PALIURUS SPINA-CHRISTI METHANOLIC EXTRACT. International Journal of Bio-Technology and Research (IJBTR) Vol. 3, Issue 3, Aug 2013, 1-4
25. Antimicrobial activities of *W.somnifera* crude extract . Scientia Agriculturae vol4(3) Pp 74-76 .2013
26. Effect of two species of Cynobacteria as biofertilizers On characteristics and yield of chick pea plants . Iraqi journal of science vol 55 (3) 2014 .
27. *In vitro* anticancer activity of wheat germ extract on human breast cancer cell line (MCF-7) and human immortalized myelogenous leukemia cell line (K562). Current Research in Microbiology and Biotechnology Vol. 2, No. 6 (2014): 504-508
28. ANTIMICROBIAL ACTIVITIES OF GERANIUM EXTRACT AND SILVER, COPPER NANOPARTICLES International Journal of Biological & Pharmaceutical Research. 2015; 6(2): 84-86

29. ANTIMICROBIAL AND CYTOTOXICITY OF Ag AND ZnO NANOPARTICLES . in **International Journal of Agriculture and Environmental Research** Volume:01,Issue:01 Nov.2015
30. Nano particles as new disinfectan In *Moringa oleifera*. In International Journal of Pharmacology, Phytochemistry and Ethnomedicine Online: 2015-12-02 ISSN: 2297-6922, Vol. 1, pp 1-4.
31. Effect of Different Sterilization Methods on Contamination and Viability of Nodal Segments of *Cestrum nocturnum*L. In International Journal of Research Studies in Biosciences (IJRSB) Volume 4, Issue 1, January 2016, PP 1-6 ISSN 2349-0357 (Print) & ISSN 2349-0365 (Online)
32. Identification and purification of total flavinoids extracted from *Moringa oleifera* leaves extracts . Journal of Biotechnology research center vol 10,No2 sept 2016.
33. The removal of Cadmium from aqueous solution by using *A.lebbeck* seeds . World j. of pharmaceutical research vol6, issue01,2017.
34. Influence of silver and copper Nanoparticles on physiological characteristics of *Phaseolus vulgaris* L. in vitro and in vivo *International Journal of Current Microbiology and Applied Sciences* ISSN: 2319-7706 Volume 6 Number 1 (2017) pp. 834-843.
35. *IN VITRO* MICROPROPAGATION OF *TARAXACUM OFFICINALE*MEDICINAL PLANT BY DIRECT AND INDIRECT ORGANOGENESIS *Plant Archives* Vol. 18 No. 2, 2018 pp. 2273-2284
36. Detection of Total Flavenoids, Reductive Ability, and Antimicrobial in *Glycyrrhiza glabra* and *Achillea* Medicinal Plants. Journal of Biology and Life Science 2017, Vol. 8, No. 2
37. Callus inductions and Phytochemical Determination of Artichoke (*Cynara scolymus*) growing in Iraq. *J. University Of Anbar For Pure Science : Vol.12 : No.2: 2018 ISSN: 1991-8941*
38. POLYPHENOLS COMPOUNDS INVESTIGATION OF LEAVES AND CALLUS ARTICHOKES (*CYNARA COLYMUS* L.) *Plant Archives* Vol. 18 No. 2, 2018 pp. 2629-2635

Students supervised and examined

	Name of student	Degree	Title	Date of exam
1	Sudad tariq shaker	M Sc	Molecular differentiation of Jojoba	5/12/2005
2	Ismail Ahmed Hasan	M Sc	Callus induction and Plant Regeneration from C.pepo from flower bud explants	00/4/2006
3	Jameel Rabee Jamel	M Sc	Differentiation between male and female of Jojoba plant in vivo and in vitro using PCR techniques	6/11/2006
4	Zaynab Saad Abdulgany Al-Awsee	M Sc	cytological Effects of N.sativa callus Extract on Mouse Bone marrow Cells	00/12/2006
5	Liquaa Ali Jaziaa	M Sc	Using plant tissue culture in the propagation of C. italica	6/4/2007
6	Ragad Hatham Taha	M Sc	Effect of crude extracts of M.azedarach produced in vivo and in vitro on some cancer and normal cells	20/5/2007
7	Assmaa Gata Iraiby Al-Harshaoy	M Sc	Effect of crude Extracts of M.azedarach on polyphagotarsonemus latus in vitro	00/9/2007
8	Hadeel Maki Habib	M Sc	Propagation of Aloe vera in vitro	4/11/2008
9	Randa Mohamed Daghi	M SC	Effect of Suaeda egyptiaca extracts on some microbes in vivo and in vitro .	21/12/2008
10	Sali bedaiwi shibib	M Sc	Effects of Olive leaf and its callus extracts on some biochemical and immunological parameters in Alloxan – induced Diabetic Mice	28/6/2012
11	Zina Abdulla Khalaf	M Sc	Production, purification and characterization of sativum Asparaginase from Pisum	2012
12	Luma Taha Ahmed	Ph .D	Histopathological study on the antifungal activities of Paliurus species active compounds & assessing the molecular mechanism of their antifungal activity in vivo & in vitro.	21/10/2012
13	Niyaf Kadhim	Ph .D		23/1/2013
14	Muhanad Moha sahib	M Sc	Effect of cytokinins, Boron and Potassium on production of Micrtubers in vitro	28/6/2004
15	Thamer Samer Mohamed	M Sc	Coumarin effect on Microtuber production of potato	24/7/2004
16	Rana Norri Fasia	M Sc	Effect extracts and volatile oils of القيصوم on some pathogenic Microbs	13/2/2005
17	Khalil Ibrahim Rasheed	M Sc	Micropropagation of some varieties Vitis vinifera and their growth on some agar alternatives	25/4/2005
18	Norr Al-Hakam Hasan Ali	M Sc	Study of Some Chromosomal variation caused by Ochra toxin contamination	17/5/2005
19	Ali Abadi Manaa	M Sc	Comparative study on Tomato production produce from shoot and meristem cultures in vitro	20/6/2005
20	Rose satar Alzuhari	M Sc	Cytogenetic study of A.herba -alba extracts on S.U.99 plasma cell line and on Mice immune response	19/10/2005
21	Shamaa Moham Al-Ahmer	M Sc	In vitro Micropropagation of Dahlia Hybrid By Apical Shoots	5/10/2005
22	Naseer Majed Abdul- Hussien	M Sc	Effect of Date of sowing and the Spaces Between Plants on the of fruits and active ingredient (Xantho toxin)in A.majus	2005
23	Huda Saaran Al-Ani	M Sc	Cardio Glycoside from زهرة الكشتبان الارجوانية in vitro	1/3/2006

24	Maeda Hussien Mohamed Al-Hasani	M Sc	In Vitro propagation of Some Varieties of Gladiolus spp.	12/6/2006
25	Sumea Fadel Al-Joubori	M Sc	The Responses of <i>S.melongena</i> to in vitro culture	18/6/2006
26	Norra Fakri Saed	M Sc	Effect of Black seeds on Gangarine and Joint inflammation	28/6/2006
27	Mohamed Alwan Hashim	M Sc	Effect of Ethaphon and Nitrogen on Growth , Yield and Quality of Different Soft Wheat Cultivars	Jun-06
28	Israa Azhar Salm	M Sc	Study of Secondary Metabolite Production in vivo and in vitro <i>S.officinalis</i> , Their Effect on Some Bacteria	16/11/2006
29	Mohamed Hathal Kadhim	M Sc	Effect of Sowing Date on Grain Filling Period, Grain Growth, Yield and its Components of Some Bread Wheat Cultivars	2006
30	Jalal Hameed Hamza	M Sc	Effect of Seed Size Produced From Sowing Dates on Seed Vigor and Grain Yield of Sorgham	0/12/2006
31	Sali Mahfood Hadi	M Sc	Inhibition Effect of Volatile Oils in <i>R.officinalis</i> on Some Microbes	2006
32	Azad Asaad	M Sc	Protoplast Isolation and Fusion of two Tomato varieties	30/11/2008
33	Anas Abdulaziz farag	M Sc	Immunological and Cytological Effect of <i>M.myrtifolia</i> on Male	17/12/2008
34	Amaal Salim	M Sc	Effect of <i>R.officinalis</i> on Determatophytes Microbes	12/1/2009
35	Hussam Ahmed Mahmud	M Sc	Induction of Somatic Embryo in <i>S.melongena</i>	21/1/2009
36	Nuha mohamed	M Sc	Molecular Genetic study of leukemia patients	25/1/2009
37	Layla Ismail Mohamed Al-Majeedi	ph D	Full Diallel and Path Coefficient Analysis in Cotton	0/12/2004
38	Abdulla Ibrahim Salih	ph D	Effect of Crude Extracts of <i>S.triloba</i> on Neoplastic, Transformed and Normal Cell line	0/12/2005
39	Abass Ajeel Mohamed Abass	ph D	Maize Hybrid -Inhybrid Response Under sufficient and Insufficient Nitrogen and Water	0/0/2005
40	Mohamed Abdullwahab Atea Alaskari	ph D	Genetic and Biochemical study of α -amylase Produced by <i>B.stearothermophilus</i> M13 Isolated from Iraqi Soil	0/11/2006
41	Husam Saad aldin Mohamed Keralah	ph D	Micropropagation of two Date palm Cultivars Using inflorescences and study of The Genetic Stability using AFLP markers	0/1/2007
42	Ibtehal Hussien Mohamed Alnuami	ph D	Biological Effects of <i>C.spinose</i> and <i>R.acetosella</i> on animal and Human Normal and Tumour Cells	0/3/2007
43	Yasir Hussien Zaidan	ph D	Study the Effect of Crude Extract of fruit and Seeds of Date Palm on Some Cancer Cell Lines in vitro and Treatment of Transplanted Mommery adenocarcinoma in Mice	0/7/2007
44	Jenan Kasim Hussien	ph D	Effect of Electric Shock on Variations of Vegetative , Flowering and DNA of Some Ornamental plants	0/0/2007
45	Khalil Ibrahim Rasheed	ph D	Study The Effect of Some Biotic and Abiotic Factors on Enhancement of Essential Oil and Rosmaric acid in Rosmary <i>R.officinalis</i> in vitro	0/3/2010

46	Ahmed Abduljakk	ph D	Transformation of <i>Lactuca sativa</i> with CTB BADH fused genes to produce edible vaccine confers salt tolerance	28/5/2012
47	Sara Ebrahim	M SC	Antimicrobial activity of Nanoparticles alone or with <i>Aloe vera</i> extract	26/6/2013
48	Almotassim billal	M SC	Effect of Wheat germ extract on skin infection	Going
49	Sana jameel Burgass	M Sc	Evaluation of some Algal and bacterial isolates as Biofertilizers	15/1/2014
50	Weham saad		Antimicrobial activity and cytotoxicity of active compounds of <i>Withania somnifera</i> extracts	
51	Nuha Basheer	M Sc	Study the effect of <i>Moringa oleifera</i> extract on the fertility in Male Mice	27/6/2016
52	Duaa sameer	M Sc	Studying the efficiency of <i>Albizia lebbek</i> wastes in some metal removal	2/4/2017
53	Rawaa Adnan	M Sc	In vitro micropropagation of the Medicinal plant <i>taraxacum officinale</i> using tissue culture technique	3/4/2018
54	Mohamemed m Farhan	Ph .D	Phytochemical, antimicrobial, and molecular investigation of in vivo plants and in vitro <i>Cynara scolymus</i> plantlets produced by tissue culture techniques	Going

Courses given:

	Name of Course	Duration Per/week	Type of Student	Notes
<u>1</u>	General Biology	2+3 hours	Bachelor	
<u>2</u>	Cell Biology	2+3 hours	Bachelor	
<u>3</u>	Plant Physiology	2+3 hours	Bachelor	Also post Graduate
<u>4</u>	Plant anatomy	2+3 hours	<u>Bachelor</u>	
<u>5</u>	Plant taxonomy	2+3 hours	Bachelor	
<u>6</u>	Natural products Of plants	2+3 hours	Bachelor	Also post Graduate
<u>7</u>	Growth & developments In plants	2+3 hours	Bachelor	Also post Graduate
<u>8</u>	Plant tissue & cell culture	2+3 hours	Bachelor	Also post Graduate

Courses that can be given

Course name	Duration Per week	Type of Student	Notes
General Horticulture	2+3 hours	Bachelor	
Vegetable crops	2+3 hours	Bachelor	Also post graduate
Pomology	2+3 hours	Bachelor	Also post graduate

Ornamentals	2+3 hours	Bachelor	Also post graduate
Post harvest food technology	2+3 hours	Bachelor	
Land scape gardening	2+3 hours	Bachelor	Also post graduate

Declaration:

I solemnly declare that the above mentioned details are to the best of my Knowledge. If any of the information furnished by me is found to be false/not true, My candidature for the post may be summarily rejected.