

C.V



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Date of Birth: July 20, 1968

Specialization: Pathogenic bacteriology

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■ **First, Scientific Certification:**

Degree science	University	College	Date
B.Sc.	Basrah	Science	1989
M.Sc.	Baghdad	Science	1995
Ph.D.	Baghdad	Science	2001
Any other			

■ **Second, Career:**

No.	Career	Workplace	From -To
1	Member of staff	Dept. of Biology, College of Science, University of Baghdad	1995- present

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

No.	Thesis Title	Department	Year
1	Bioremoval of chromium from industrial wastewater.	Biology	2005
2	Role of Peptidoglycan in Pathogenicity of <i>Staphylococcus saprophyticus</i> .	Biology	2005
3	Study of Pathological Effects of Peptidoglycan from <i>Streptococcus pneumoniae</i> and <i>Bacillus subtilis</i> .	Biology	2006
4	Using of immobilized cells of <i>Enterobacter</i> spp. in removal of lead from aquatic environment.	Biology	2006
5	Bioremoval of Chromium and lead by resistant microbial isolates.	Biology	2006
6	Bioremoval of Zinc by cell wall of bacteria <i>Bacillus subtilis</i> .	Biology	2006
7	Study the preferential ability of some species of bacteria on biosorption of Chromium, Copper and Zinc from industrial wastewater of general company for electrical industries.	Biology	2006
8	A comparative study on some pathogenic aspects between <i>Staphylococcus xylosus</i> and <i>Staphylococcus saprophyticus</i> .	Biology	2007
9	Comparative Pathogenicity of Peptidoglycan Extracted from <i>Staphylococcus xylosus</i> and Lipopolysaccharide Extracted from <i>E. coli</i> .	Biology	2007
10	Effect of <i>L. acidophilus</i> on <i>E. coli</i> causing Urinary tract infections in Vivo and in Vitro.	Biology	2008

11	Study the pathogenic effect of <i>Staphylococcus xylosus</i> supernatant Killed by antibiotics.	Biology	2008
12	A Study on inhibitory effect of local Lactobacilli filtrate on formation of <i>K. pneumoniae</i> Biofilm.	Biology	2010
13	Efficiency of living bacteria and bacterial Cell Walls in Lead Biosorption from Battery factory Wastewater.	Biology	2010
14	Urinary tract infections caused by <i>S. aureus</i> DNA and <i>Candida albicans</i> DNA.	Biology	2011
15	A comparative study on murine skin damage caused by a low GC <i>S. aureus</i> and high GC <i>Propionibacterium acnes</i> .	Biology	2011
16	Role of bacterial DNA on cell death in neutrophils	Biology	2012
17	Production lipase from <i>Staphylococcus aureus</i> isolated from Acne and inhibition by bacteriocin and other substances	Biology	2013
18	Antagonistic activity evaluation against some pathogenic bacteria of fixed oils extracted from different plant seeds.	Biology	2013
19	A Comparative study between methicillin resistant (MRSA) <i>Staphylococcus aureus</i> agr+ isolates and MRSA agr- isolates	Biology	2013
20	A comparative study on biofilm forming capacity in methicillin resistant <i>Staphylococcus aureus</i> and methicillin resistant <i>Staphylococcus epidermidis</i> using different techniques	Biology	2013
21	Role of <i>Proteus mirabilis</i> DNA in comparison to <i>Candida albicans</i> DNA in rat's joints infection	Biology	2014
22	A study on some immunological aspects of septic arthritis caused by cell lysate and DNA of <i>S. aureus</i> in albino rats	Biology	2013

23	Genotyping relatedness of <i>Acinetobacter baumannii</i> isolated from medical city/Baghdad. Ph. D. thesis	Biology	2014
24	Studying some physical, chemical, bacteriological characteristics, and genetic diversity of beta lactamase producing <i>E. coli</i> of the sewage from Erbil city. Ph. D. thesis	Biology	2013
25	Role of <i>oprD</i> gene in biofilm formation and imipenem resistance in <i>Pseudomonas aeruginosa</i> . Ph. D. thesis	Biology	2013

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

No.	Conferences Title	Year	Place	Type of Participation
1	The thirteenth scientific conference of Iraqi biological Society.	1995	University of Baghdad	Research
2	The first scientific conference of University of Baghdad, College of Science	1996	University of Baghdad, College of Science	Research
3	The third Iraqi technical conference	1997	Technology university	Research
4	The 13 th scientific conference and the diamond anniversary celebration of the establishment of university of Baghdad College of medicine (1927-2003)	2003	university of Baghdad College of medicine	Research
5	The third scientific conference of University of Baghdad, College of Science	2009	University of Baghdad, College of Science	Research
6	The first scientific conference of medical kit, Al-Razi center for research, ministry of industry	2009	University of Baghdad, College of Science	Research
7	International conference on plants and environmental (ICPEP-2009)	2009	Erciyes University, Turkey-Kayseri.	Research
8	The first scientific conference of Biology department, college of science for women, university of Baghdad	2010	college of science for women, university of Baghdad	Research

9	A symposium on Nanobodies application in diagnosis and treatment	2011	College of veterinary, university of Baghdad	Lecture
10	Forth international conference of Salahiddin university	2011	Salahiddin university	Research
11	Real time PCR training course in research center, Al-Nahrain University.	2011	Al-Nahrain University	Attendant
12	Training course (one month) in molecular epidemiology	2011	Huazhong agricultural University, Wuhan, China	Attendant
13	Real time PCR workshop held by CRDF global	2012	University of Baghdad	Attendant
14	Responsible Research in Life Sciences” on October 16-22 held by CRDF global.	2012	Green Zone	Attendant
15	First international conferece of Cihan University	2014	Cihan university	Research

■ **Fifth, Scientific Activities:**

Within the College	Outside the College
Lectures in scientific program	Examining (discussion) of postgraduate students
Several committees for postgraduate proposal approval and Ph. D. comprehensive exam	Training courses on animal tissue culture, RT-PCR, and Responsible Research in Biology
I have been awarded an Iraqi patent number 2687 in October, 10 th 1997, entitled: the biosorption of thorium by <i>Bacillus sphaericus</i> strain iraqa from liquid solutions.	Editor and reviewer in several international journals
	Consultant at quality control

■ **Sixth, Research Projects in The Field of Specialization to The Environment and Society or the Development of Education:**

No.	Research Title	Place of Publication	Year
1	Biosorption of thorium by <i>Bacillus sphaericus</i> strain iraqa from liquid solutions.	Iraqi J.Biol.Sci.35:413-424.	1995
2	A preliminary study of removal of thorium from aqueous solutions.	Eng. Technol. 16:219-225.	1997
3	Preferential uptake of thorium by <i>Bacillus sphaericus</i> cell walls.	Iraqi J.Microbiol. 9 (1):3-10.	1997
4	Uptake of Pb and Zn from aqueous solutions by the bacterium <i>Bacillus subtilis</i> .Part I: Individual ion species.	Iraqi J.Microbiol. 9 (2):3-9	1997
5	Factors affecting biosorption of uranium by local strain of <i>Bacillus subtilis</i> .	Iraqi J. Microbiol. 14: 59-67.	2002
6	Role of bacteria in urolithiasis: <i>in vivo</i> study.	Iraqi J.Trop.Dis.Res. 2(1): 43 -52.	2005
7	Biochemical and bacteriological study on renal stone.	Iraqi J.Trop.Dis.Res. 2(1): 13 - 20.	2005
8	Effect of some antibiotics and medicinal plants on bacteria isolated from dental calculi.	Al-Taqani J. 18(1): 18-24.	2005
9	Purification and extraction of peptidoglycan from <i>S. saprophyticus</i> .	Al-Nahrain Uni. J. for science. 9 (2): 5-12.	2006
10	Role of peptidoglycan in the pathogenesis of <i>Staphylococcus saprophyticus</i> in mice.	Umsalama journal of science.4: 597-602.	2007
11	The pathological effect of peptidoglycan on rats' lungs. Part one: pathogenic bacteria <i>Strptococcus pneumoniae</i> .	Al-Nahrain Uni. J. for science. 10 (2) : 90 - 95	2007
12	The pathological effect of peptidoglycan on rats' lungs. Part two: nonpathogenic bacteria <i>Bacillus subtilis</i> .	Al-Nahrain Uni. J. for science.10 (2):83-89	2007

13	Implant of <i>Oxalobacter formigenes</i> into the intestinal tract of Laboratory Rats.	Al-Taqani J. 21 (3): 93-98	2008
14	Effect of salinity on antibiotic resistance in <i>Staphylococcus aureus</i> .	Al-Taqani J. 21(3): 194-202.	2008
15	Colonization of <i>Staphylococcus xylosus</i> in the kidneys and bladder of mice.	Umsalama journal of science. 5(1): 70 – 73.	2008
16	Bioremoval of chromium from aqueous solutions,	Umsalama journal of science. 5(3):399-405.	2008
17	Pathological on <i>Staphylococcus xylosus</i> isolated from UTI patients.	Al-Nahrain Uni. J. Sci. 11(2): 123-130.	2008
18	Probiotic effect of lactobacilli on mice incisional wound infection.	Al-Nahrain Uni.J.for science.11 (3):111 - 116.	2008
19	Bacterial DNA induces inflammations in murine renal system.	Proceeding of 3rd scientific of the college of science, university of Baghdad, 24 – 26 March. Baghdad-Iraq	2009
20	Role of <i>Staphylococcus saprophyticus</i> peptidoglycan in liver and kidney dysfunctions.	Al-Nahrain Uni. J. Sci. 12 (4): 132-136	2009
21	Lead bioremoval by <i>Bacillus</i> spp. Isolated from industrial wastewater.	Baghdad Science Journal. 8 (1): 539-546	2011
22	Effect of Lactobacilli sources on <i>Escherichia coli</i> and <i>Staphylococcus aureus</i> adherence to uroepithelial cells.	Baghdad Science Journal. 8 (3): 723-727.	2011
23	Lead bioremoval by <i>Aeromonas hydrophila</i> and <i>E. coli</i> isolated from industrial wastewater	The forth international scientific conference of Salahaddin University-Erbil, October 18-20, 2011.	2011
24	Antagonistic effect of bacteriocin against Urinary catheter associated <i>Pseudomonas aeruginosa</i> biofilm.	North American Journal of medical diseases. 3 (8): 367-370.	2011
25	Capability of Lactobacillus acidophilus supernatant to inhibit production of lipase from methicillin-resistant <i>Staphylococcus aureus</i>	J. Al-Anbar University. 5 (2): 1-5.	2011

26	Effect of <i>Lactobacillus acidophilus</i> on <i>Escherichia coli</i> causing Urinary tract infections in Vitro and in Vivo	J. Al-Anbar University. 5(1): 1-6.	2011
27	Urinary tract infections caused by <i>Staphylococcus aureus</i> DNA in comparison to the <i>Candida albicans</i> DNA.	North American Journal of Medical Diseases. 3 (12): 562-566.	2011
28	Bioremoval of lead from aquatic environment by immobilized cells of <i>Enterobacter</i> spp.	Journal of Life Sciences. 5 (11): 967-973.	2011
29	Inflammatory effect of antibiotic-killed <i>Staphylococcus xylosus</i> on murine renal system.	Iraqi Journal of Science. 53 (1): 46-51.	2012
30	Low GC and High GC bacterial DNA impact on anti DNA antibodies, IL-6 and IL-12 level in rats.	International Journal for Sciences and Technology Vol. 7 No. 2, June. 90-94.	2012
31	Inhibitory effect of lactobacilli filtrate on <i>K. pneumoniae</i> biofilm.	Iraqi Postgraduate Medical Journal. 11 November (2): 168-179	2012
32	Histopathological effects of <i>Staphylococcus xylosus</i> peptidoglycan in comparison to <i>E. coli</i> lipopolysaccharide in urinary tract of mice.	Turkish Journal of Medical Sciences. 42 (Sup. 1): 1278-1285	2012
33	In vivo lung injury caused by <i>Pseudomonas aeruginosa</i> DNA.	Iraqi Journal of Science. 53 (4): 794-798	2012
34	Murine Skin Damage caused by <i>Staphylococcus aureus</i> DNA and <i>Propionibacterium acnes</i> DNA.	International Journal of recent science. Vol. 3, Issue, 11, November, pp.940 -945.	2012
35	Pathological effect of Lactobacilli on rat liver and kidney.	Journal of University of Babylon/ pure and applied science. 20 (5): 1428-1433.	2012
36	Prevalence of <i>Neisseria meningitidis</i> in Iraqi children presented with meningitis.	International Journal for Sciences and Technology Vol. 8 No. 1, March pp. 62-66	2013
37	Distribution of Methicillin Resistant <i>Staphylococcus aureus</i> in Iraqi patients and Healthcare Workers.	Iraqi Journal of Science. 54 (2): 293-300	2013

38	Serological relatedness among clinical and environmental <i>Acinetobacter baumannii</i> isolates isolated from hospitals in Baghdad.	Iraqi Journal of Science. 54 (3): 553-559	2013
39	Histopathological changes in Spleen caused by <i>Pseudomonas aeruginosa</i> DNA. Greener J. Biol. Sci	Greener J. Biol. Sci. Vol. 3 (8), pp. 326-331, October	2013
40	Imipenem-Resistant <i>Acinetobacter baumannii</i> isolated from patients and hospitals environment in Baghdad. Iraqi Journal of Science.	Iraqi Journal of Science. 54 (4): 803-812	2013
41	<i>OprD</i> Expression and Imipenem Resistance in <i>Pseudomonas aeruginosa</i> .	Greener J. Biol. Sci. Vol. 3 (9), pp. 325-329, November	2013
42	Effect of seed oil <i>Ricinus communis</i> on <i>E. coli</i> isolated from Recurrent Urinary Tract Infections	Iraqi J. Sci. Vol 54, No.4, pp:851-855	2013
43	Investigating the Link Between Imipenem Resistance and Biofilm Formation by <i>Pseudomonas aeruginosa</i>	Microb Ecol. DOI 10.1007/s00248-013-0361-6	2013
44	Physico-chemical and Biological Variables of Hospitals Wastewater in Erbil City.	Iraqi Journal of Science. Vol 55, No.1, pp: 84-92	2014
45	Antibiogram of <i>Escherichia coli</i> Isolated from different Hospitals Wastewater in Erbil City, Iraq	Iraqi Journal of Science. Vol 55, No.2A, pp: 341-351.	2014
46	Inhibitory effect of propolis on lipase produced by acne-causing <i>Staphylococcus aureus</i>	First scientific conference of Cihan University, Erbil, 20-21 April	2014
47	Anti-methicillin resistant <i>Staphylococcus aureus</i> activity of essential oils extracted from the leaves of <i>Eukalyptus globulus</i>	First scientific conference of Cihan University, Erbil, 20-21 April	2014
48	The prevalence of methicillin resistant <i>S. aureus</i> and <i>S. epidermidis</i> in Al-Sulaimania city.	Iraqi Journal of Science.	2014
49	Molecular evaluation of antibiotic resistance in clinical isolates of <i>Salmonella enterica</i> serovar Typhi from Iraq	International Journal for Sciences and Technology Vol. 9 No. 2, June pp. 61- 65.	2014
50	Role of <i>Proteus mirabilis</i> DNA in Comparison to <i>Candida albicans</i> DNA in Arthritis.	Iraqi Journal of Science. Vol 55 no. 3B. pp:1170-1182.	2014
51	Identification of Imipenem-Resistant Genes in <i>Acinetobacter baumannii</i> Isolated from Baghdad Hospitals	J Med Microb Diagn, 3:6	2014

■ **Seventh, Membership:**

☒ **Member of editorial board:**

- ✓ Continental Journal of Biomedical Sciences.
- ✓ Greener Journal of Medical Sciences.
- ✓ Insight Microbiology.

☒ **Reviewer:**

- ✓ Journal of Medical Microbiology.
- ✓ Brazilian Journal of Microbiology.
- ✓ Brazilian Journal of Biological Sciences.
- ✓ Turkish journal of Medical Sciences.
- ✓ Turkish journal of Biology.
- ✓ IConcept.
- ✓ World Journal of Agricultural Sciences.

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

No.	Name of Awards and Certificates	Donor	Year
1	Appreciation	Dean of college of science university of Baghdad	2008
2	Appreciation	Al-Razi center for medical kits	2009
3	Appreciation	President of Anbar university	2009
4	Appreciation	Journal of Anbar university for pure science	2009
5	Certificate	Al-Razi center for medical kits	2009
6	Appreciation	Minister of higher education and scientific research	2010

7	Appreciation	President of university of Baghdad	2010
8	Appreciation	President of university of Baghdad	2010
9	Appreciation	Al-Razi center for medical kits	2010
10	Appreciation	President of Anbar university	2010
11	Appreciation	Assistant of dean for administration affairs	2010
12	Appreciation	Dean of college of science- university of Baghdad	2011
13	Appreciation	Dean of college of science- university of Baghdad	2011
14	certificate	Dean of college of veterinary- university of Baghdad	2011
15	certificate	Dean of college of science- Anbar university	2012
16	Appreciation	President of university of Baghdad	2012
17	Appreciation	Assistant of President of university of Baghdad for scientific affairs	2013
18	Appreciation	Dean of college of science- university of Baghdad	2013
19	Appreciation	Dean of college of science- university of Baghdad	2013
20	Appreciation	Dean of college of science- university of Baghdad	2013
21	Appreciation	Dean of college of science- university of Baghdad	2013
22	Appreciation	Dean of college of science- university of Baghdad	2013
23	Appreciation	President of university of Baghdad	2013
24	Appreciation	Dean of college of science- university of Baghdad	2014

25	Appreciation	Dean of college of science- university of Baghdad	2014
26	Appreciation	Dean of college of medicin/Alkindy- university of Baghdad	2014

■ **Ninth, Scientific literature:**

No.	Scientific Literature Title	Year of The Publication
1	Water pollution: its sources, risks, treatmet. Dar almujtama' alarabi, Amman. Jordan.	2010
2	Urinary tract infections caused by <i>Staphylococcus aureus</i> DNA in comparison to the <i>Candida albicans</i> DNA. Lap lambert,	2012
3		

■ **Tenth, languages:**

- ✓ Arabic
- ✓ English