

Scientific Biography



PROFILE

Name: Ahmed Ali Mhawesh Alshammari

Birth: Baghdad/ 9/5/1978

Gender: male

Nationality: Iraqi

Address Work: Al-Nahrain University / College of Biotechnology / Medical and Molecular Biotechnology Dept.

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Diploma / Medical laboratory analysis
B.Sc. / Medical laboratory analysis
M.Sc. / Medical laboratory analysis / Mycology
phD./ Medical laboratory analysis / Microbial Genetics

-professional medical Laboratory technician from 2004-2010 .

-Assistant professor in Ministry of higher education and Assistant professor from 2010 till now

Attendance and participant in more than (100) of (conferences / courses / workshops / scientific seminars)

SOME OF PUPLECATON RESEARCHES

1-Impact of Social Media upon Undergraduates Student Behaviors in University of Kufa, Iraq.

2-Investigation the Antibacterial Activity of *Portulaca oleracea* L Tissue Cultures *in vitro*.

3-Analysis Of Genetic Determinants Associated with Virulence Factors In Cinical Isolates Of Gram Negative Bacilli In Alnajaf Al-Ashraf City.

4-Evaluation Of Some Plant Aqueous Extract's Influence on The *Candida* Species Isolated from Stool Samples of Infants.

5-The Correlation Between Some Pathogenicity Associated Virulence Factor And Biofilm Formation Among Uropathogenic *Escherichia Coli* Isolates In Al Najaf Al- Alashraf Province .

6- Study of Prevalence and Incidence of Some Pathogenicity Associated Virulence Factor Genes in Uropathogenic *Escherichia Coli* Isolates and Ability Of Transferring Them To Other Related And Non Related Species In Alnajaf Alashraf Province.

7- *In vitro*, Study of The Effect of Four Plant Aqueous Extracts on the Growth of Some *Candida* Species.

8-*In vitro* study of the effect of some plant aqueous extracts on the growth of some *candida* species.

9-Study Of Sub Inhibitory Concentrations. Of Cetrimide On the Swarming Growth of *Proteus* Spp.

10- Estimation of the Whole Flavonoid, Antioxidant, Anti-bacterial activity Challenge Concerning *Viola odorata* (Banafsha) Methanolic Extract

11- Comet Assay for Rapid Detection of DNA Base Damage in Plants

12- *In vitro* Experimental research for using the silver nanoparticles as plasmid curing agent in some types of multiantibiotic resistant pathogenic bacteria

13- Investigate the Antibacterial Activity of Amygdalin Against Some Types of Antibiotic Resistant Pathogenic Bacteria

14- Antimicrobial and Synergistic Activity of Date palm pits Extract (*Phoenix dactylifera* L) against Pathogenic Bacterial Isolates

- 15- Antibiotic Resistance Patterns and Horizontal Gene Transferring of Some Bacterial Species Isolated from Tonsillitis in Babylon Province
- 16- Heterologous expression of xylose reductase from *Spathaspora passalidarum* in *Escherichia coli*
- 17- Phylogrouping, serogrouping, virulence factors and carbapenemase genes among carbapenemase-producing *Escherichia coli* from urinary tract infections
- 18- Identification of cellulose producing *Streptomyces* bacteria as a candidate for industrial use.
- 19- Isolation and diagnosis of *Mycoplasma* by conventional and molecular methods from pneumonia in fattening lambs
- 20- Genome editing of *Saccharomyces cerevisiae* using CRISPR-Cas9 system
- 21- Molecular identification of pathogenic *Klebsiella pneumoniae* Strains producing biofilm
- 22- Using Probiotics, Antibiotics and Their Combinations to Eradicate Biofilms Formed by Four Pathogenic *Klebsiella pneumoniae* Strains
- 23- -Antibiotic Susceptibility Patterns, Biofilm Formation for *klebsiella pneumonia* and *pseudomonas aeruginosa* bacteria, Genotype identification and Phenotype Correlation
- 24- Relationship between antibiotic sensitivity of *staphylococcus aureus* and *streptococcus pyogenes* bacteria and biofilm formation, molecular identification and Phenotype association
- 25- GENE EXPRESSION OF MIR-7 IN LOCAL ISOLATES OF *STAPHYLOCOCCUS AUREUS*
- 26- The role of BipA in the regulation of K1 capsular polysaccharide production of uropathogenic *Escherichia coli*
- 27- Major epigenetic factors associated with the novel coronavirus disease-2019 (COVID-19) severity
- 28- *Enterobacter Cloacae*: The association of antibiotic resistance, integron class I and carbapenemase genes
- 29- The global COVID-19 pandemic
- 30- Protective activity of *Ruta chalepensis* methanolic extract against nephrotoxicity and testicular damage induced by Carbon tetrachloride on albino male mice.
- 31- Microbiological decolorization of crystal violet dye and amylase production by iraqi isolate *geobacillus thermoleovorans* strain ir1 (Jq912239).

32-Major Genetic Determinants of Extended-Spectrum β -Lactamase (ESBL), Carbapenemase, Fosfomycin and Colistin Resistance in *Escherichia Coli* from Intensive Care Units

33- Molecular Detection of Some Vancomycin and Virulence Factor Genes in *Enterococcus faecium*