***Curriculum Vitae***

**Dr. Nadheema Hammood Hussein**

***Mustansiriyah University – College of Science***

***Mobile****: 07728042896*

***Email****:* [*nadheema\_a@yahoo.com*](mailto:nadheema_a@yahoo.com)

**Personal Summary:**

City and Date of Birth (Baghdad, 25-3-1973)

Current appointment: Assistant Professorin Department of Biology and I have many researches and participate in a number of local and international conferences

**Education:**

* Ph.D. #1: 2012-2013 (from Baghdad University)
* M.Sc. #2: 2006-2007 (from Mustansiriyah University)
* B.Sc. #3: 1994-1995 (from Mustansiriyah University)

**ACADEMIC HONORS AND AWARDS:**

* #1: A number of books Walker (more than 10)

**ACADEMIC /TEACHING EXPERIENCE:**

* #1: Education qualifying courses in teaching methods/ Education Collage
* #2: Many laboratory diagnosis training (microbiology, serology and immunology)

**COURSES TAUGHT:**

|  |  |
| --- | --- |
| **Undergraduate** | **Graduate** |
| 1. Microbial genetics 2. Pathological analyzes 3. Pathogenic bacteria |  |

**PROFESSIONAL AFFILIATIONS:**

**Chairman, Diversity Committee :**

1. A member of an advisory committee of the Advisory Committees in the Iraqi Ministry of Health
2. A Member of the Committee Examination
3. A Member of the Commission Archiving
4. A member of a committee to pursue postgraduate laboratories

**PUPLICATIONS:**

* **Papers.**

1. Study on the virulence of bacteria *Shigella* and the effect of Erythromycin on it.
2. Imipenem-Resistant *Acinetobacter baumannii* isolated from patients and hospitals environment in Baghdad
3. Serological relatedness among clinical and environmental *Acenitobacter baumannii* isolates isolated from hospitals in Baghdad
4. Effect of *Coriandrum sativum*, *Thymus vulgaris*, *Borago officinalis* and *Pimpinella anisum* on biofilm *Escherichia coli*
5. Identification of Imipenem-Resistant Genes in Acinetobacter baumannii Isolated from Baghdad Hospitals
6. Frequency of Extended Spectrum Beta Lactamase producing Gram negative bacteria isolated from blood cultures of children hospital in Baghdad
7. Antibacterial efficacy of some essential oils in combination with locally used disinfectants against clinical and environmental strains of *Staphylococcus* spp.
8. Study the Prevalence and Antimicrobial Susceptibility Pattern of Bacteria Isolated from Blood Cultures of Children In Baghdad
9. Study on some Bacteriological and Immunological aspects of Septicemia in Neonate in Baghdad
10. Frequency of bacteria isolated from corneal scraping cultures of infected eyes and their antimicrobial susceptibility patterns in Ibn- Al Haitham hospital / Baghdad.
11. STUDY OF SOME BACTERIOLOGICAL AND IMMUNOLOGICAL PARAMETERS IN URINARY TRACT INFECTION OF PREGNANT WOMEN
12. EXTRACTION AND PURIFICATION OF L-ASPARAGINASE PRODUCED BY *ACINETOBACTER BAUMANNII* AND THEIR ANTIBIOFILM ACTIVITY AGAINST SOME PATHOGENIC BACTERIA
13. Broad Spectrum Biofilm Inhibition By Chitosanase Purified From *Bacillus Licheniformis* Isolated From Spoilt Vegetables
14. SYNERGISTIC EFFECT OF COLOSTRUMS LACTOFERRIN AND PURIFIED CHARACTERIZED BREVICIN ON ESBL PRODUCING *PANTOEA AGGLOMERANS* ISOLATED FROM BLOOD CULTURES OF INFANTS IN BAGHDAD
15. Prevalence of bacteria isolated from patients with burn infection at a burn hospital in Baghdad and study of their antimicrobial susceptibility patterns.
16. Biofilm formation of *K. peumoniae ssp. . peumoniae* and inhibitory effect of some watery plant extracts on biofilm formation
17. Chitosanase purified from bacterial isolate Bacillus licheniformis of ruined vegetables displays broad spectrum biofilm inhibition
18. STUDY OF SOME BACTERIOLOGICAL AND IMMUNOLOGICAL PARAMETERS IN URINARY TRACT INFECTION OF PREGNANT WOMEN
19. EXTRACTION AND PURIFICATION OF L-ASPARAGINASE PRODUCED BY *ACINETOBACTER BAUMANNII* AND THEIR ANTIBIOFILMACTIVITYAGAINST SOME PATHOGENIC BACTERIA
20. Broad Spectrum Biofilm Inhibition By Chitosanase Purified From *Bacillus Licheniformis*Isolated From Spoilt Vegetables
21. SYNERGISTIC EFFECT OF COLOSTRUMS LACTOFERRIN AND PURIFIED CHARACTERIZED BREVICIN ON ESBL PRODUCING *PANTOEA AGGLOMERANS* ISOLATED FROM BLOOD CULTURES OF INFANTS IN BAGHDAD
22. Prevalence of bacteria isolated from patients with burn infection at a burn hospital in Baghdad and study of their antimicrobial susceptibility patterns.
23. Biosafety of Handling of Some Pathogenic Bacteria
24. Chitosanase purified from bacterial isolate Bacillus licheniformisofruined vegetables displays broad spectrum biofilm inhibition
25. MOLECULAR DETECTION OF CTX-M-Β-LACTAMASES IN *PSEUDOMONAS AEROGENOSA* STRAINS ISOLATED FROM CORNEAL INFECTIONS
26. Frequency of *bla*PER-1 Extended-spectrum β- Lactamase Gene among Different *Salmonella enteric* serovar*Typhi*Isolated from Human and Chicken Meat Samples
27. Emergence of NDM-1 among carbapenem resistantKlebsiellapneumoniae in Iraqi hospitals
28. Detection of prevalent mechanism of Extended Spectrum β - Lactamase, metalloβ - Lactamase and AmpC β - Lactamase Producing Klebsiellapneumoniae in the tertiary care hospital
29. Genotypic detection of antiseptic-resistance *qac*A/B gene in clinical and environmental isolates of *Staphylococcus hominis* subsp. *hominis*
30. *IN VITRO* ANTIBACTERIAL ACTIVITY OF SOME WATERY PLANT EXTRACTS AGAINST SOME EYE INFECTION CAUSING BACTERIA
31. Chitosanase extracted from Aspergillus flavus
32. Shows synergistic effect, eases quorum sensing mediated virulence factors and biofilm against nosocomial pathogen Pseudomonas aeruginosa
33. Production of Slime Layer by *Staphylococcus epidermidis* isolated from hip and knee joint infections during revision arthroplasty of patients in Abn- Sinahospital in Baghdad
34. FREQUENCY AND ANTIMICROBIAL RESISTANCE PATTERNS OF BACTERIA ISOLATED FROM ASPIRATION SPECIMENS OF PATIENTS WITH HIP AND KNEE INFECTIONS AT A HOSPITAL IN BAGHDAD
35. Study of Bio Film Formation by Sphingomonas Paucimobilis Isolates and In-vitro Inhibition of Bio Film by Iraqi Probiotics
36. Biofilm formation of KPC-producing and non KPC-producing *Klebsiella pneumoniae ssp. pneumoniae* and inhibitory effect of some watery plant extracts on biofilm formation
37. ANTIMICROBIAL ACTIVITY OF ALLIUM CEPA EXTRACTS AGAINST AEROMONAS HYDROPHILA ISOLATED FROM DIARRHEA SAMPLES OF CHILDREN IN IRAQ.
38. *IN VITRO* ANTIMICROBIAL ACTIVITY OF *PUNICA GRANATUM, HIBISCUS*  *SABDARIFFA* AND *ANNONA SQUAMOSA* EXTRACTS AGAINST SOME MICROORGANISMS ISOLATED FROM WOMEN WITH HIGH VAGINAL INFECTIONS
39. Genotypic identification and study some virulence factors of Aeromonas hydrophila isolated from children's diarrheal specimens in Baghdad
40. Evaluation of phylogenetic Tree of blaCTX-M gene in *Pseudomonas earugenosa* isolated form corneal scraping specimens in Baghdad/Iraq
41. Detection of lipase in Cronobacter dublinensis and its application in biodiesel production and enhancement of disinfectants efficiency
42. First report of extensively drug resistant (EDR) and *mecA* positive *Staphylococcus capitis* strain isolated from neonatal blood culture at Fattima-AL-Zahra hospital in Baghdad/Iraq
43. Immunostimulatory and antibacterial activity of Leuconostoc mesenteroides and its purified exopolysaccharide against extended-spectrum beta-lactamase producing Burkholderia cepacia
44. Detection of lipase in Cronobacter dublinensis and its application in biodiesel production and enhancement of disinfectants efficiency
45. Detection of mecA gene in Methicillin-Resistant Stuphylococcus hemolylicus isolated from blood cultures of neonates in Baghdad
46. Evaluation of Transaminases, Total bilirubin and Ferritin in Iraqi Thalassemia Patients
47. Frequency and antimicrobial susceptibility of the bacteria isolated from blood cultures of neonatal
48. The Environmental Factors, Climate phenomena and some weather elements affecting on the Spread of Vibrio cholerae in Iraq
49. Distribution of Pantoea agglomerans isolates and molecular detection of blaPER-1 ESβL gene: A statistical study
50. Molecular Detection of gyrA Gene in Salmonella enterica serovar Typhi Isolated from Typhoid Patients in Baghdad
51. Detection of Antiseptic Resistant Genes in Colistin- Resistant Pseudomonas aeruginosa and MDR Klebsiella penumoniae
52. Mobilized colistin resistance (mcr) genes from 1 to 10: a comprehensive review
53. The predominance of Klebsiella pneumoniae carbapenemase (KPCtype) gene among high-level carbapenem-resistant Klebsiella pneumoniae isolates in Baghdad, Iraq
54. Sequencing analysis of tigecycline resistance among tigecycline non‑susceptible in three species of G‑ve bacteria isolated from clinical specimens in Baghdad
55. Prevalence of diabetes mellitus and type of therapy among Iraqi patients aged 20 years and above in Baghdad

|  |
| --- |
|  |

**PROFFESSIONAL DEVELOPMENT**

* **Conferences.**

1. Fourth Scientific conference / Wasit University (Factors effecting on the bloody diarrhea (dysentery) caused by *Shigella* bacteria in children under two years in the case of artificial feeding using hierarchical models)
2. International Scientific conference/Al-Kindy college of medicine- university of Baghdad (Frequency of bacteria isolated from blood cultures of children at a children hospital in Baghdad and study of their antimicrobial susceptibilities)
3. First International Scientific conference/ Cihan University (Detection of *bla*KPC Gene in Carbapenem – Resistant *Klebsiella pneumoniae* Isolates in Baghdad)
4. International Institute of Chemical, Biological & Environmental Engineering (Enhancement of the Activity and Stability of L-Asparaginase Food Additive Purified From Acinetobacter Baumannii as Anticarcinogenic in Processed Foods)
5. Seventh National Congress of the Environment and Natural Resources, Basra (Analysis of Tigris water pollution in several areas of Baghdad)
6. AL-Kindy college of medicine 3rd International Scientific conference
7. 3rd International Scientific conference of medical and health specialties
8. 66th International Conference on Environment and Natural Science (ICENS) Dubai, UAE
9. The first national CB security coordination conference
10. 9th Scientific Conference of the College of Medicine, Al-Nahrain University (Prevelance of Clindamycin Resistance in Clindamycin-Susceptible, Erythromycin-Resistant Coagulase-negative staphylococci (CNS) isolated from children's blood cultures.
11. The first International Conference of Biological Sciences

* **Workshops.**

1. Entitled (bio, chemical and nuclear radiation, in university laboratories and safety) Security.
2. Alternative and modern methods in the treatment of diseases

* **Certifications:** A number of certificates ( more than 30)