

# Curriculum Vitae Thikra Banimuslem



## THIKRA ADNAN JAWAD

Full Name: Thikra Adnan Jawad Banimuslem

Place of Birth: Hilla, Iraq

Date of Birth: 1<sup>st</sup> Jan. 1972

Nationality: Iraqi

Language: Arabic and English

Place of work:

Biology Department, Science College, Babylon University, from 1994 to 2001.

Biology Department, Science College, Kerbala University, from 2001 to 2016.

Microbiology Department, Vet. Med. College, Al-Qasim Green University, from 2016 to 2019.

College of Sciences, Al-Qasim Green University, from 2019 to date.

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## ACADEMIC SCIENTIFIC RANK

- **Professor** (Microbial Toxins) at 13-Jun-2019
- **Assistant Professor** (Microbiology) at 30-Oct-2007.
- **Lecturer** (Microbiology) at 24-Jun-2003.
- **Assistant Lecturer** (Microbiology) at 16-Jan-2000
- **Demonstrator (Biology)** at 23-oct-1994

## QUALIFICATION

- **Ph.D.** (Microbial toxins), Baghdad University, Baghdad, IRAQ (2007).
- **M.Sc.** (Microbiology), Babylon University, Babylon, IRAQ (1999).
- **B.Sc.** (Biology), Babylon University, Babylon, IRAQ (1994).

## POSITION HELD

- **The Dean of college of sciences, Al-Qasim Green University (11/9/2019-to date)**
- **Head of Biology Department (31/3/2015- 2016).**
- **Coordinator of biology Department for the postgraduate studies (2014).**
- **Editorial Board Member of Journal of the University of Karbala (2009-2010).**
- **Scientific committee member of the 2<sup>nd</sup> scientific conference of the college of Vet. Medicine- Al Qasim Green University.**
- **Scientific committee member of the Inter national 2<sup>nd</sup> scientific conference of the college of sci. –univ. of kerbala.**
- **Scientific committee member of the 1<sup>st</sup> scientific conference of the college of sci. –univ. of kerbala.**
- **Scientific committee member of the 2<sup>nd</sup> scientific conference of the college of Vet. Med. of Alqasim Green University.**

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## JOURNALS REFEREE

- Alexandria Journal of Medicine (AJM) Elsevier Pub.
- Journal of Babylon University (JBU).
- Journal of Karbala University/ Scientific (JKUS)
- .Karbala Journal of Pharmaceutical
- Eng. and Technology Journal
- Muthanna Journal of Pure Sci

## Title of the PhD Thesis

Study of some biochemical, biological and pathological properties of lipopolysaccharide extracted from *Citrobacter freundii*, Department of Biology, College of Science, University of Baghdad, Baghdad, Iraq (2007).

## Title of the MSc Thesis

Serological study of encapsulated *Staphylococcus aureus* isolated from patients of Hilla hospitals,, College of Science, University of Babylon, Babylon, Iraq (1999).

## Title of the BSc Project

*Ecological and Bacteriological Study on The main water source of Babylon University*, Department of Biology, College of Science, University of Babylon, Babylon, Iraq (1994).

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## **COURSES TAUGHT**

### **A-UNDERGRADUATE**

- Biosafety and Biosecurity
- Pathogenic bacteria
- Virology
- Microbial toxins
- Microbial physiology
- Antibiotics
- Immunology
- Soil & water microbiology
- General Biology

### **B- POSTGRADUATE**

- Advance course of Specific Microbiology
- Advance course of Microbial toxins
- Advance Bacteriology
- Advance General Microbiology
- Advance course of Immunology
- Advance course of Antibiotics
- Diagnostic Microbiology & Pathogenic bacteria

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- Advance Microbial physiology.
- General Microbiology for Higher Diploma.

### SUPERVISION

1. Muntaha Ahmed, Genotoxicity in mice infected with UPEC, treated with Quinolones.
2. Alaa Yosif Auda, Impact of LPS on pregnancy and development to term and fetus state.
3. Rawaa Kareem Judi, Comparative immunogenetic study of mastitis in cows and human.
4. Ayat Alaa-Aldeen, Evaluation of some antibiotics activity against *Staphylococcus aureus* causing septicemia and some inflammatory parameters in patients in Holy Karbala, Iraq.
5. Wiqar Adnan Hamdan, Study the effect of the alpha hemolysin toxin extracted from *Escherichia coli* in the activity and response of immune cells.
6. Haneen Zuhair Ali, Effect of some antibiotics on some virulence factors of *Pseudomonas aeruginosa* and *Proteus mirabilis* isolated from urinary tract infection.
7. Barrak Thamer Shebib, Study of factors affecting the coagulase production by *S. aureus* (2015). MSc. Univ. of Karbala ,Col. of Sci.
8. Luma A. Mezaal, Study the effects of volatile oils extracted from some plants on *P. aeruginosa* isolated from burn infections (2013). MSc. Univ. of Karbala ,Col. of Sci.
9. Atyaf Ali Sahib Al-Mussawi, Study of some factors affecting hemolysin production of *S.aureus* isolated from wound samples.(2013). MSc. Univ. of Karbala ,Col. of Sci.

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10. Manar Saad Hussein AL-Kafajy, Protection against pathogenic effects of lipopolysaccharide extracted from *P.aeruginosa* by using *Camellia sennensis*. (2011) MSc. Univ. of Karbala ,Col. of Sci.
11. Enas Ahmed Saeed Al-Janabi. Molecular Biology of Diphtheria Toxin. (2010) Higher Diploma report. Univ. of Karbala ,Col. of Sci.

### The PhD. Examination Committee

1. Haider Shuker Al-Janabi, Pathophysiological and immunological study of *Providentia spp.* isolated from urinary tract infections in Babylon province. Univ. of Babylon/ College of Sciences: 2012.
2. Suad Abd-Alhadi Abd-Alrazzaq, Molecular study for virulence factors of coagulase negative staphylococci isolated from different infections. Univ. of Kufa/ Faculty of Sciences: 2014.
3. Ahmed Abbas Hassan, Role of cytokine Leukotriene Receptor type I and type II gene polymorphism in asthmatic patients. 2018.

### The MSc. Examination Committee

1. Zainab Ali Bachy, Wasit Univ. College of Sci. Molecular comparison of adhesins of UPEC isolates from patients with first time and recurrent UTI. 2019.
2. Ohood Salman , Univ. of Babylon/ College of Sciences for women: 2017.
3. Ahmed Reysan Hussein, Isolation and identification of *Mycoplasma pneumonia* from tonsillitis patients using

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- morphology and molecular characteristics. Al-qadisia Univ. College of Medicine:2016.
4. Huda Muhammed Kadhum, Evaluation of some immunological aspects in immunocompromised patients with skin infections in Karbala Province. Univ. of Karbala/ College of Sciences: 2016.
  5. Afrah Juaed Abd AL- Zueid, Association of infertility in women with urogenital bacterial infection, immunological disorders and single nucleotide polymorphism in Babylon province. Univ. of Babylon/ College of Sciences for women: 2015.
  6. Tagreed Abd Najim, Study of Immune System efficiency in immunocompromised patients with Type II diabetes. Univ. of Karbala/ College of Sciences: 2014.
  7. Bashair Ahmed Muhammed Hassan , Bacteriological and immunological study of *Enterobacter spp.* isolated from Different Clinical Specimens. Univ. of Kufa/ College of Sciences: 2013.
  8. Sahar Abd Al-Ridha, Univ. of Karbala/ College of Sciences: 2011.
  9. Anmar Mehdi Abbas, Isolation and identification of PAHs breaking bacteria from oil polluted local soils. Univ. of Babylon/ College of Sciences: 2010.
  10. Zehra Abd- Alrazzaq Abd-Alameer, Study of MRSA spreading in some Health institutions. Univ. of Karbala, College of Edu.

### PUBLICATIONS

1-Acute local bacterial infection is a source for blood stream infection in leukemia patients.

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- 2-Estimation of uronic acid in clinical isolates of encapsulated *Staphylococcus aureus* .
- 3-Effect of (He-Ne) laser on survival curve of *E.coli*.
- 4- Effect of (He-Ne) laser on survival curve of encapsulated and non encapsulated *Staphylococcus aureus* .
- 5-Study of the bacterial contamination sources in gynecology wholes in hospital of gynecology in Karbala.
- 6-Effects of washing and agitation of bacterial suspension on extracellular polysaccharide of *E.coli* and *Klebsiella pneumonia*
- 7-Preparation of purified LPS from *Citrobacter freundii* and estimation of its molecular weight and protein and carbohydrate contents.
- 8-Histopathological effects of *Citrobacter freundii* in mice.
- 9-Passive protection of mice against the lethal challenge of *Citrobacter freundii*.
- 10-Study of chemical & biological properties of LPS extracted from *Pseudomonas aeruginosa*.
- 11- The using of green tea extracts for protection against the histopathological effects of LPS extracted from *Pseudomonas aeruginosa*.
- 12- The most common bacterial causative agents of wound infection in Al Hussein general hospital in Holy Kerbala.
- 13- Antibacterial activity of the volatile oils from menthe piperia L. and vitex agnus – castus L. on *Pseudomonas aeruginosa* isolated from burns injuries.
- 14- Isolation and Diagnosis of Coagulase positive staphylococci from different clinical and food samples and study of some factors affecting coagulase production.



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- 15- Methods in evaluation the activity of some antibiotics against septicemia causative bacteria in Karbala province.
- 16- Study the effects of the toxin extracted from *E. coli* in the virulence and pathogenicity.
- 17- Characterization of *Proteus mirabilis* isolated from patients with urinary tract infection.
- 18- Effect of Some Antibiotics in Quorum Sensing Factors of Locally Isolated *Pseudomonas aeruginosa*.
- 19- Molecular study of mastitis susceptibility in human. (Scobus)
- 20- Effect of H<sub>2</sub>O<sub>2</sub> and Ascorbic acid in  $\beta$ -hemolysin production from clinical isolates of *Staphylococcus aureus*. (Scobus)
- 21- Modulation of Lipopolysaccharide-Induced Cytokines Response in Mice by Graviola Leaf Powder. Plant Archives (in press) (Scobus)
- 22- Impact of Sub-Minimal Inhibitory concentrations of Ciprofloxacin, Amikacin and Gentamicin on the production of *Staphylococcus aureus*  $\beta$ -Toxin "The Biofilm Ligase". Journal of Global pharma technology. (Scobus)
- 23- Food Poisoning: Bacterial Isolation and Knowledge Regarding Food-Handler, with Anti-Haemolytic Activity of Vinegar. Annals of Tropical Medicine and Public health (Scobus)

## CONFERENCES

The scientific conference of Babylon university 2000.

The first scientific conf. of Kerbala university 2002.

## **Curriculum Vitae Thikra Banimuslem**

The first conf. of col. Of education for pure sciences Kerbala Univ. 2012.

The scientific conf. for modern technical of animals and plants products Col. Of Agriculture Kufa Univ. 2012.

The first conf. of Col. of sciences, Kerbala Univ. 2013.

The second conf. of Col. of education for pure sciences Kerbala Univ. 2014.

The second conf. of Col. of Vet. Med. Al Qasim Green Univ. 2017.

The 7<sup>th</sup> International Conference on Applied Sciences and Technology. Col. of Science- University of Kerbala 2019.