

## **Curriculum vitae (C.V)**

### **A) Personal Information:**

**Name:** Assistant Prof. Dr. Zainab Dakhil Degaim.

**Place and Date of birth:** Iraq, Thi-Qar , 7/11/1981.

**Citizenship:** Iraqi.

**Home address:** Iraq, Thi-Qar, Al-Nassiriyah.

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Department of Microbiology, College of Medicine, University of Thi-Qar, Thi-Qar, Iraq.

### **B) Academic qualification:**

1- PhD (Doctor of Philosophy) in biology, Medical Microbial Immunology, Basrah University, 2016, with PhD thesis titled:

**Molecular detection of some virulence factors and immunization program of MRSA antigens isolated from burn patients in Thi-Qar province.**

2- 2010: MSc in Biology , Biology department, college of science, Basrah University.

1- 2004: Bachelor of Science , Biology department , University of Thi-Qar.

### **C) Work Expertise:**

1-2004-2009: Researcher assistant in the of Microbiology Branch/Collage of Medicine / Thi-Qar University.

2- Lecturer in Microbiology Department (bacteriology and Biology), College of Medicine, University of Thi-Qar, started in 2010.

- 3- Teaching postgraduate students - Master's degree in medical microbiology - College of Medicine - University of Thi-Qar ( Molecular biology, 2023).
- 4-Supervision of postgraduate students - Master's degree in medical microbiology - College of Medicine – the University of Thi-Qar (from 2022 until now)
- 5-Member of discussion committees for Master students at the University of Thi-Qar.
- 6-Member of the Central Examination Committee at the College of Medicine - University of Thi-Qar, for three years.
- 7- Member of the Scientific Committee for Postgraduate Studies in the Microbiology Branch, 2023.

#### **D- Publications.**

- 1-Antimicrobial activity of some crude marine Mollusca extracts against some human pathogenic bacteria.
- 2- An in vitro antimicrobial activity of six commercial Toothpastes.
- 3- Influence of some weak acids, weak bases and salts against some pathogenic microorganisms.
- 4- Antimicrobial activity test of the crude extracts of some marine Mollusca against selected pathogenic fungi, in vitro.
- 5- Antibacterial susceptibility of pathogenic bacteria isolated from Human otitis media.
- 6- Evaluation of activity of *Capsicum annuum* extracts against some pathogenic microorganisms..
- 7- Virulence factors of Methicillin Resistant *Staphylococcus aureus* (MRSA) isolated from burn patients.
- 8- Immunization model of rats treated with two antigens from MRSA bacteria isolated from burn patients.
- 9- Molecular Study of *spy1258* and *smeZ* genes in Group A Streptococcal Tonsillitis
- 10- Detection of *clfA* gene in *Staphylococcus aureus* isolated from tonsillitis patients in Thi-Qar province-south of Iraq.

- 11- Molecular detection of two virulence factors of *Pseudomonas aeruginosa* isolated from burn patients.
- 12- Role of Sepia sp. Extract against Toxicity induced by Benzene in male rats.
- 13- Evaluation of *icaB* gene in *Staphylococcus aureus* isolated from wound infections
- 14- *mec A AND mec C* genes profile of clinical isolates of *Staphylococcus aureus*
- 15- Molecular detection of biofilms gene (*icaA*) in *Staphylococcus aureus* recovered from wound patients in Thi-qar province
- 16- Association of *S. epidermidis* infection and TNF- $\alpha$  gene polymorphism of acne patients in Thi-Qar province/ Iraq.
- 17- Detection of *mecA* and *ermC* genes in *S. epidermidis* isolates among acne patients
- 18- Detection of Fibronectin Binding Protein (*fnb A*) gene in *Staphylococcus aureus*
- 19- Histopathological Changes of Two Antigens Prepared from Methicillin-Resistant *Staphylococcus aureus* in Rats.
- 20- The frequency of *ebps* and *V8* genes in *Staphylococcus aureus* isolates from different sources in Thi-qar province-Iraq.
- 21- Influence of Citrullus Colocynthis Pulp Extract on some Biochemical Parameters of experimental Diabetic Female Rats.
- 22- Real time PCR detection of 16S RNA gene of *Staphylococcus aureus* in Thi-qar province.
- 23- *In-vivo* pathogenicity of aerolysin toxin of *Aeromonas hydrophila* isolated from diarrhea patients in Thi-qar province.