

## Curriculum V.

**Name :** Ass. Prof. Dr. Chateen Izaddin Ali Pambuk

**Date and place of birth :** 6-12-1968 Kirkuk city

**Religion :** Muslim

**Nationality :** Iraq

**Marital state :** Married with 3 children

**Blood group :** O+

**Phone number :** 07701808805

**Last certificate :** Degree of Doctorate in Immunology and Medical microbiology \ college of Medicine /Univ. of Tikrit

**Scientific rank :** lecturer **and researcher .**

**Current position :** Lecturer in College of Dentistry / Univ. of Tikrit/ Iraq

### Certifications :

1- **Msc.** In Medical Microbiology \ college of medicine\ Univ. of Tikrit. Date: 15-5-2000.

**Title of thesis:**

(The effect of Laser light and photochemical agents on some virulence factors of *Pseudomonas aeruginosa* wound isolates).

2- **Ph.D** in Immunology and Medical Microbiology\ college of medicine\ Univ. of Tikrit. Date: 1-11-2005

**Title of Dissertation :**

( Immunomodulatory effect of low power laser on phagocytic function and exotoxins of *Pseudomonas aeruginosa* clinical isolates )

## **Employment :**

- 1- First as a lecturer in college of medicine \ dept. of Pharmacology \ Univ. of Tikrit in 8-7-2000
- 2- Then a lecturer in Dept. of Medical Microbiology.
- 3- Now he is a lecturer in college of Dentistry since 2005.
- 4- The Head of Oral Microbiology Dept. \ college of Dentistry since 1-7-2007.
- 5- He is one of the first Founders of the College of Dentistry in Tikrit Univ.

## **6- Reviewer :** I've reviewed in the last five years in Univ.

### **a- Reviewing an International articles in International Journals such as American IJVV**

b- Scientific evaluation (Reviewing) of some Doctorate dissertations for different colleges ( College of Medicine, College of Pharmacy and College of Science est.) .

c- Scientific evaluation (Reviewing) of many Master thesis for different colleges ( College of Medicine, College of Pharmacy and College of Science est.) . .

d- Scientific evaluation (Reviewing) of many (Tens) Scientific articles (papers) for different Journals ( College of Medicine, College of Pharmacy and College of Science est.) . .

e- Reviewing committee member ( Discussion committee) for discussing many postgraduate students( Master and Doctorate) .

## **7- Associate Editor (Also reviewer) in International Journal Of Vaccines and Vaccination (IJVV) . ISSN: 2470-9980. Medcrave publishing in US .**

<http://medcraveonline.com/IJVV/editorial-board>

## **8- Editorial board member (Also reviewer) in BAOJ Allergy & Immunology American Journal.BIOACCENT publishing in US**

<http://bioaccent.org/immunology/editorialboard.php>

- 9- **Editorial board member (Also reviewer)** : In Advances in Biotechnology and Microbiology ISSN: 2474-7637. **Jupinar publishing US** .  
<https://juniperpublishers.com/aibm/editorialboard.php>
- 10- **Editorial board member (Also reviewer)** : in Biomedical Journal of Scientific & Technical Research (BJSTR) **Biomedres publishing US**  
<http://biomedres.us/editorial-committee.php>
- 11- **Reviewer board member in** : SOJ | Immunology | Open Access ISSN Online : 2372-0948, Symbiosis group US  
<https://symbiosisonlinepublishing.com/immunology/#>
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#### **Published Papers :**

- 1- Chateen I. Ali, Ayhan R M, Nihad A J. Prevalence of enteropathogenic diarrhea in children up to 2 years in Kirkuk province. Tikrit Medical Journal.2009;15(2):124-131.
- 2- Chateen I Ali, Hind I Abdullah, Hadeel M Younis. Rotavirus infection in children suffering from gastroenteritis in Kirkuk province. Tikrit Journal of Pure Science.2010;15(1):208-212.
- 3- Sinan B Issa, Samah H Khalil, Chateen I Ali. Study on asymptomatic *Neisseria gonorrhoeae* cases among infertile subjects in Tikrit city and its surroundings. Tikrit Medical Journal.2008;14(1):196-202.
- 4- Chateen I Ali, Sheelan A Anwar, Sinan B Issa. Study of UTI among pregnant women in Kirkuk City. Tikrit Medical Journal.2007;13(2):39-43.
- 5- in vitro :Pyocyanin-induced neutrophil apoptosis modulated by the presence of a bacterial sonicate and LPS .

Tikrit Medical Journal.2014;20(1):244-251.

in vitro :Pyocyanin-induced neutrophil apoptosis modulated by the presence of a bacterial sonicate and LPS .

Dr.Chateen I. A. Pambuk

Ph.D Immunology and Medical Microbiology, College of Dentistry,  
Dep. Of Basic Sciences , Tikrit University

### **Abstract**

The paradigm of pathogen-driven neutrophil apoptosis is exemplified by the *Pseudomonas aeruginosa* toxic metabolite, pyocyanin that induce a dramatic acceleration of neutrophil apoptosis in Cystic fibrosis lung disease. Whether the course of pyocyanin-induced neutrophil apoptosis can be modulated or not by bacterial cell wall product present significantly in inflammatory foci is unknown. Purification of neutrophils and preparation of exotoxin pyocyanin, bacterial sonicate and LPS-HE were performed according to many standard methods. Apoptotic neutrophils were identified microscopically based on morphological changes characteristic of apoptosis. Pyocyanin-induced neutrophil apoptosis was significantly delayed at earlier time points of 6 hr. in the presence of bacterial sonicate recording of a neutrophil apoptosis rate of 24.8% when compared to 42.3% of apoptosis in the absence of bacterial product. Combinatorial preincubation of LPS-HE with sonicate cell wall product more decreased synergistically the apoptotic rate to reach 17.1% at the same time point of treatment. Our findings suggest that bacterial sonicate most probably cell wall components are an antiapoptotic stimulus for delaying pyocyanin-induced neutrophil apoptosis in vitro, thereby may contribute to attenuate the neutrophilic inflammation in lungs of Cystic fibrosis patients.

- 6- Pambuk CIA (2015) Cyclic Gmp-Amp Synthase: A New Putative Anti-Tuberculosis Immune Enzyme. 1(3): 00016. DOI: 10.15406/ijvv.2015.01.00016

This editorial article is published in Int J Vaccines Vaccin (IJVV)

- 7- Kamal MA, Pambuk CIA, Husein AS (2016) The Virulence of Pigmented and Non-Pigmented *Pseudomonas Aeruginosa* in Mice with Antibiotics Susceptibility. Int J Vaccines Vaccin 3(1): 00056. DOI:[10.15406/ijvv.2016.03.00056](https://doi.org/10.15406/ijvv.2016.03.00056) (Nov. 2016) (Medcrave US)
- 8- Pambuk CIA. Pigments of *Pseudomonas aeruginosa*. Adv Biotech & Micro. 2017; 2(1): 555578. DOI: 10.19080/AIBM.2017.02.555578
- 9- Pambuk CIA (2016) New HIV Vaccine with Gene Alteration. Int J Vaccines Vaccin 2(5): 00043. DOI: 10.15406/ijvv.2016.02.00043 (Sep. 2016) (Medcrave US)
- 10- Yahya J Salman, Chateen I. Ali and Adil A. Abdul Razaq. 2017. Fecal calprotectin among patients infected with some protozoan infections. Int. J. Curr. Microbiol. App. Sci. 6(6) : 3258-3274. Doi: <http://doi.org/10.20546/ijcmas.2017.606.384> (June 2017) Us
- 11- Pambuk CIA (2017) Microbes and Cancer: Tow Killers in One Combined Action. ! Can be Prevented? MOJ Cell Sci Rep 4(3): 00090. DOI: 10.15406/mojcsr.2017.04.00090  
Received: June 26, 2017 | Published: July 13, 2017 ; Medcrave publishing Us
- 12- Chateen I A P, Fatma M M. Systemic Sclerosis: A Multiorgan Disease, Types and Symptoms. Biomed J Sci & Tech Res. 1(1)-2017.BJSTR.MS.ID.000143.  
<http://biomedres.us/pdfs/BJSTR.MS.ID.000143.pdf>  
Received: June 06, 2017; Published: June 19, 2017 ; Biomedres Us
- 13- Nidaa W, Chateen I. Ali, Sabah M S. Isolation and Identification of bacteria causing urinary tract infections in children in Kirkuk city. *Tikrit Journal of Pure Science*.2017; 22(2): 35-44 (Feb. 2017)

- 14- Ali Pambuk CI, Mustafa MF, Hameed AS, et al. Antimicrobial Susceptibility Pattern of Viridians Streptococci Isolated from Saliva in Young Healthy Subjects. *Biotechnol Ind J.* 2017;13(3):141. (Impact factor 1 , Scopus and SJR ranking 3 ) (Jun 2017)
- 15- Chateen I Ali Pambuk and Fatma Mustafa Muhammad (2017) Scleroderma : is it One or Several Immune Diseases?. *BAOJ Aller Immunol* 3 (1): 011 (July 2017)(Bioaccent group US)
- 16- **Manuscript ID:** SOJI-17-RA-175. **Title:** Detection of estrogen and IL-17A levels in serum of premenopausal and postmenopausal women in Kirkuk city Iraq.. Accepted to be published in **SOJ Immunology** (Symbiosis group US) in July 11- 2017
- 17- Pambuk CA, Husein AI, Kamal MA. Evaluation of the Killing Virulence of Pigmented and Non-Pigmented Clinical Isolates of *Pseudomonas Aeruginosa* in Mice. Development of General Models and Their Simplified Two-Parameter Forms Based on Specific Microbial Growth Rate for Microbial Growth. *Adv Biotech & Micro.* 2017; 4(4): 555641. Juniper US (July 26 2017)  
DOI:10.19080/AIBM.2017.04.555641.  
<https://juniperpublishers.com/aibm/pdf/AIBM.MS.ID.555641.pdf>
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**Published thesis :**

--Six finished Master thesis under my supervision of mine proposal and design .

-- One doctoral student my supervision of mine proposal and design .

--Many papers can be derived from these thesis to be published in your Journals

**Unpublished Papers:**

- 1- Hyperprolactinemic patient and some aspects of immune status  
Dr. Chateen I Ali.  
Dr. Nihad Abduljabar
- 2- Two Unfinished master thesis under my supervision.
- 3- Other several ongoing proposed researches .

**Research interests:**

- 1- Immunology in general, innate immune system, adaptive immune system , vaccines and vaccination and clinical immunology .
- 2- Medical Microbiology+Immunology



Dr. Chateen Izaddin Ali Pambuk (PhD) . Asst. Prof. In Medical Immunology . Tikrit University / College of Dentistry .