****

**Academic Curriculum Vitae**

**Personal Information:**



Full Name: Akhter Ahmed Ahmed

Academic Title: Assistant Professor

Email: akhter.ahmed@su.edu.krd

Mobile: akhter.ahmed@su.edu.krd

**Education:**

1- **B.Sc. in Biology,** (1995) Department of Biology, College of Science, University of Salahaddin-Erbil, Erbil, Iraq.

2- **M.Sc. in Biology(Microbiology), (**2000)Department of Biology, College of Science, University of Salahaddin-Erbil, Erbil, Iraq.

**3- PhD in Medical Bacteriology (2019)** Department of Biology, College of Science, University of Salahaddin-Erbil, Erbil, Iraq.

**Employment:**

2013 to date Assist. Prof. in Department of Biology, College of Science, Salahaddin University

2009-2013 Lecturer in Department of Biology, College of Science, Salahaddin University

2000-2009 Assist. Lecturer in Department of Biology, College of Science, Salahaddin University

**Qualifications**

* Teaching qualifications
* IT qualifications, using Microsoft Word, Excel, PowerPoint
* Language qualifications such as TOEFL, IELTS or any equivalent
* SPSS, GraphPad prism.

**Teaching experience:**

* **Lectures to undergraduate students**
*  **Medical Bacteriology**
* **General Microbiology**
* **Microbial Physiology**
* **Microbial Genetics**
* **Food & Industrial Microbiology**
* **Lectures to postgraduate students**
* **Topics in Microbiology**
* **Advanced Medical Bacteriology**
* **Microbial Techniques**
* **Bacterial Physiology**
* **Supervisor of advanced Microbiology lab in Biology Department**

**Research and publications**

1. **Yaseen , Moyaser A., Esam Y. Mansoor and Akhter A. Ahmed. Bacteriological Study on Otitis Media in Erbil City. Zanco Journal for medical Sciences, Vol.8, No.1, pp. 73-78, 2004.**
2. **Ahmed, Akhter A. and Faraydoon A. Salih, Association of Bacterial Infections With Urinary Calculi. Zanco Journal of pure and applied Sciences, Vol.20, No. 1, 2008.**
3. **Ahmed Akhter A.,AntibacterialActivityof *Punica granatum* on *Pseudomonas aeruginosa.*Journal of Duhok University, Vol.12, Vo.3, 2009.**
4. **Ahmed, Akhter A. Antibacterial Activity of *Punica granatum* on Multi-drug resistant *Staphylococcus aureus.*, Journal of Kirkuk University-Scientific studies, Vol. 4, no.3, 2009**
5. **Ahmed, Akhter A.,Sawar I. Mawlood and Abdulelah S. Ismaeel Role of Solvent and Methods of Extraction on The Inhibitory Effect of Black Seed Extracts on *Pseudomonas* *aeruginosa,*Zanco Journa of pure and applied sciences, Vo. 2, No. 3, 2010.**
6. **Garib, Darstan J., Akhter A. Ahmed and Abdulelah S. Ismaeel, Inhibitory effect of Breast milk against pediatric bacterial infection., Zanco Journa of pure and applied sciences, Vol. 23, No. 2, 2011.**
7. **Kamel,Fouad H, Hero M. Ismael and Akhter A. Ahmed, Effect of Natural Surface Secretes of Some Common Onamental Plants Leaves on Pathogenic Micro-organisms,** **Journal of Life Sciences 6 (2012) 1387-1390.**
8. **Ahmed, Akhter A., *In vitro* Screening of Lactobacillus Species From Homemade Yoghurt for Antagonistic effects against some common bacteria pathogens., Jordan Journal of Biological Sciences, Vol. 6, No. 3, 2013.**
9. **Yahya A. Shekha, Hero M. Ismaeel and Akhter A. Ahmed, Bacteriological and Mycological Assessment ofWater Qualityof Duhok Reservior, Iraq. JJBS, 6(4) 2013.**
10. **Rasheed,Taban K. Akhter A. Ahmed,Interlukine-12 and C-reactive protein as markers for chronic bacterialinfections,Zanco Journal of pure and applied Sciences,Vol.27, No.2 2015**
11. **SafeaS.Taha;\* \*\*Akhter A. Ahmad; Sawar I. Mawlood;\*\* NawrozO.Ali Synthesis of some series of 2-amino-1,3,4- thiadiazole Derivitives with their pathogenic Bacterial Activity Journal of Raparin University - Vol.4, No.11, (July 2017).**
12. **Akhter A, Fraidoon S. Low concentrations of local honey modulate ETA expression, and quorum sensing related virulence in drug-resistant Pseudomonas aeruginosa recovered from infected burn wounds. Iran J Basic Med Sci 22: 2019.**
13. **Akhter A, Fraidoon S. Quercus infectoria gall extracts reduce quorum sensing-controlled virulence factors production and biofilm formation in Pseudomonas aeruginosa recovered from burn wounds. BMC Complementary and Alternative Medicine, 19:177, 2019.**
14. **Akhter A. Ahmed, Suzan A. Shareef , Abdulilah S. Ismaeil. Synergistic effect of different plant extracts and antibiotics on some pathogenic bacteria, Science Journal of University of Zakho 8(1), 7-11, March-2020 .**
15. **Akhter Ahmed Ahmed,Jian Lateif Hussein , Dotsha Jaleel Raheem. Study of Antibacterial, Antioxidant Activity and Biochemical Parameters of Different Honey Samples. Iraqi journal of Science, 64(5) 2023.**
16. **Akhter A Ahmed, Fraidoon A. Salih, Mohammad Yousef.**  ***Rhus coriaria* extracts inhibit quorum sensing-related virulence and biofilm production in drug-resistant *Pseudomonas aeruginosa* recovered from burn wounds. Iranian Journal of Basic Medical Science,** **25: 1349-1356. 2022**.
17. **Akhter A Ahmed &Talar I Hassan** . **Characterization, antibacterial and antibiofilm evaluation of biosynthesized silver nanoparticles from *Pseudomonas aeruginosa* against drug resistant *Acinetobacter baumannii,* Al MustansiriyahJournal of Pharmaceutical Sciences, 2023.**
18. **Akhter A Ahmed &Talar I Hassan.**  **Biogenic Silver nanoparticles by** ***Pseudomonas aeruginosa* reduce expression of biofilm and quorum signaling genes in multi-drug resistant *Acinetobacter baumannii,* Volume 16, issue 4 (December), 2023.**
19. **Akhter Ahmed Ahmed, Trefa Salih Mohamad, Jwan Khidhr Rahman, Aryan R. Ganjo**

**Down-regulation of abaI, abaR, Bap and OmpA genes in Acinetobacter baumannii by**

**ethanol extract of Glycyrrhiza glabra after toxicity assessment. *Cellular and Molecular Biology*, 2023, 69(12): 194-200.**

1. **Akhter Ahmed Ahmed, Pakhshan Abdulla Hassan, Abdulilah Saleh Ismaeil and Shahnaz Burhan Ali.** **Weakening of Virulence Factors and Biofilm in Salmonella Typhi by Medicinal Plants Extracts.** ***Biomedical & Pharmacology Journal*, 2023, 16(3), p. 1631-1639.**
2. **Akhter Ahmed Ahmed , Jwan Khidhr Rahman, Aryan R. Ganjo, Trefa Salih Mohamad.**

**Assessment of toxicity, anti-quorum sensing and anti-biofilm production**

**effects of Hypericum triquetrifolium Turra extract on multi-drug resistant**

**Acinetobacter baumannii*.******Journal of King Saud University – Science,* 35 (2023) 102714**

**Conferences and courses attended**

**1- First Scientific Conference for Pure Science, at University of Kirkuk -Iraq,**

**(24-25 February 2009).**

**2- 4th International Scientific Conference of Salahaddin University-Erbil, October 18-20, 2011, Erbil, Kurdistan, Iraq.**

**3- 3rd International Visible Conference of Ishik University on New Trends in Education, April 14, 2012, Erbil, Kurdistan, Iraq.**

**4- IBRO Conference in Biology Department/ College of Science/ University of Salahaddin at 11-19 March 2014.**

**5- 6th ICOWOBAS2017 18-19 March ,Erbil-Kurdistan Region-Iraq.**

**6- 4th International Scientific Conference of Cihan University-Erbil on Biological Sciences(CIC-BIOS’10) 26-27 April 2017.**

**7- 2nd EPU Symposium Internationalization of Scientific Research in Kurdistan /2/3-May- 2017.**

**Funding and academic awards**

**Conferences and courses attended**

**1- First Scientific Conference for Pure Science, at University of Kirkuk -Iraq, (24-25 February 2009).**

**2- 4th International Scientific Conference of Salahaddin University-Erbil, October 18-20, 2011, Erbil, Kurdistan, Iraq.**

**3- 3rd International Visible Conference of Ishik University on New Trends in Education, April 14, 2012, Erbil, Kurdistan, Iraq.**

**4- IBRO Conference in Biology Department/ College of Science/ University of Salahaddin at 11-19 March 2014.**

**5- 6th ICOWOBAS2017 18-19 March ,Erbil-Kurdistan Region-Iraq.**

**6- 4th International Scientific Conference of Cihan University-Erbil on Biological Sciences(CIC-BIOS’10) 26-27 April 2017.**

**7- 2nd EPU Symposium Internationalization of Scientific Research in Kurdistan /2/3-May- 2017.**

**Professional Social Network Accounts:**

-<https://www.researchgate.net/profile/Akhter-Ahmed-2>

- <https://scholar.google.com/citations?user=RDLOSYIAAAAJ&hl=en>

- <https://www.linkedin.com/feed/>

- <https://orcid.org/my-orcid?orcid=0000-0002-1049-6471>

[-https://independent.academia.edu/akhterahmedahmed](https://independent.academia.edu/akhterahmedahmed)