

Curriculum Vitae: Fitua M. Aziz

**Address / College of Pharmacy / AL-Mustansiriyah University
Al-Qadisyah Street, Baghdad/Iraq.**

Education

2014- 2018 PhD pharmaceutical microbiology, University of Birmingham/UK.

1998- 2001 MSc medical microbiology, College of Science - Al-Mustansiriyah University.

1993-1997 BSc microbiology, College of Science - Al-Mustansiriyah University.

Employment

August 2001- present

College of Pharmacy - Al-Mustansiriyah University

TEACHING

2nd year Medical Microbiology for undergraduate students (Theory & practical).

1 st year English language for undergraduate students.

1 st year Human histology

5 th year Lab training

Advanced pharmaceutical biotechnology for PhD students

Lab training for master students.

Bacteriology & Mycology for diploma students.

Research methodology for MSc students

Supervision

Undergraduate students:

Aseel Ahmed & Rahma Sami(final year project student (2018/19).

Rusul Ali, Malak Nadher, Haya Salwan, (Isolation and identification of microbes from mobile phones,final year project student (2019-2020).

Elaf Bahaa Aldin, Zahraa Zuhair Abd aljabar, Zainab Adil Hassan (Acinitobacter baumannii infections , final year project student (2020-2021).

Shahad Salah abd al-kadhim, Sundus Jasem Ejeme, Sarah Ismael Ibrahim (Antimicrobial Activity of Alum, Final year project student(2021-2022).

AL-hassan Ali kathim (Antibiotics and Bacterial Resistance).2022-2023.

Noor Raad, Fatima Ihssan (Detection of Bacterial Contaminants of The collage Door knobs).2022-2023.

Sarah hatim (Antibiotics Alternatives).2022-2023.

Post graduate students

- Ban Monem Ketan Al-shaboot (The incidence of *E. coli* in urinary tract infection, Diploma project 2020-2021).
- Ameera Alan Jasim (Antibacterial activity of *Myristica fragrans* extract against pathogens related to wound infections, Diploma project 2020-2021).

- Qutaiba Akram Ismael (Effect of Introduction of Polymers on the Antibacterial Activity of Crystalline Antibiotics, Master project 2019-2020).

- Sajjad Abduladheem Noaman (Studying Some Virulence Factors of *Acinetobacter baumannii* Isolated from Different Infections and its Effect on Antibiotics Susceptibility in Baghdad City), Master project 2020-2021.

- Ameerah Abdulelah Radhi (Preparation and in vitro/in vivo evaluation of synthetic high-density lipoproteins as parenteral drug delivery system for tamoxifen citrate). PhD project 2020-2023.

PUBLICATIONS

- 1- Fitua M. Aziz The study of antibacterial activity of *Juglans regia* and *Thymus vulgaris* seeds AJPS 2010;7(1).
- 2- Subh S, Saad, S. Fitua M. Aziz, Effect of PCV on BT and Platelets in anaemia. Iraqi JMS 2004 ;3(3).
- 3- Fitua M. Aziz, Majda J. Toxoplasmosis serious disease during pregnancy. Jbaghdad for science, 2011;8(1).
- 4- Fitua M. Aziz, Ayad M. R. Rauf, Shaimaa I. The study of antibacterial activity of *Hibiscus sabdariffa* flowers extracts. AJPS 2012;11(1).
- 5- Essraa M., Akram F., Ali, Fitua M. Aziz H., Saad S. Effect of *Citrullus colocynthis* on some physiological aspects of female reproductive system in mice as a model for mammals. Journal of Biotechnology Research Center 2011: 5(2).
- 6- Fitua M. Aziz, Kalid, K., Mayssaa E. A study of antibacterial activity of cedar (*Zizyphus spina-christi*) on bacterial pathogens isolated from skin infections. AJPS, 2011;9(1).
- 7- Mohammed, K., Suhad, F., Fitua M. Aziz, Antibacterial activity of *Thymus vulgaris* and *Prunus amygdalus* extracts against bacterial wound infection. AJPS, 2011;10(2).
- 8- Fitua M. Aziz, Sundus J., Majda J., Ali O. The study of antimicrobial activity of *Citrullus colocynthis* seeds. Journal of Biotechnology Research Center. 2012;6(1).
- 9- Fitua M. Aziz, Israa B., Shaimaa I., Ayad K. The study of antibacterial activity of acridone derivatives containing 1,3,4-oxadiazole. Almustansiriya journal of science. 2011.22(2).
- 10- Fitua M. Aziz, Saad S., Alaa K., Salam H. Histopathological and biochemical study of the effect of *Citrullus colocynthis* on heart and liver of mature male rabbits: as a model for mammals. 2012.
- 11- Fitua M. Aziz. Alternative culture medium for bacterial growth using chicory roots extracts. AJPS. 2013

- 12- Widad M.AL-Ani, Fitua M.Aziz .Antimicrobial activity of hydroxymatairesinol (HMR)lignan. Iraqi.Journal of pharmaceutical science.2011**
- 13- Fitua M.Aziz, Saad S.Al-Dujaily.and Salam H.Ibrahim.Astudy of some physiological aspects in mature male rabbits after oral administration of citrullus colocynthis .The Iraqi J.Vet.Med..2012.36(2).**
- 14- Dalia Abd alkader, Fitua M.Aziz,.Antibacterial effects of Vitamin E:in vitro study.journal of biotechnology research center.2012**
- 15-Fitua M. Aziz.Cichorium intybus roots extracts :A new culture medium for cultivation of Aspergillus niger,Aspergillus terreus,Fusarium graminearum and Candida albicans.AJPS.**

- 16- Fitua Alsaedi, M. Jummaah Darweesh ,Firas Aziz Rahi and R. Tariq Saeed. In vivo and in vitro studies of a polar extract of *Helianthus annuus* (sunflower) seeds in treatment of napkin dermatitis Jan 2014. *International Journal of Pharmaceutical Sciences Review and Research*
- 17- Stones DH, Al-Saedi F, Vaz D, Perez-Soto N, Krachler AM. 2015. Biomimetic materials to characterize bacteria-host interactions. *J Vis Exp*.
- 18- Al-Saedi, F, Stones, D, Vaz, DP & Krachler, AM. 2016. Displacement of Pathogens by an Engineered Bacterium Is a Multifactorial Process That Depends on Attachment Competition and Interspecific Antagonism. *Infection and Immunity*. 84(6), pp. 1704-1711.
- 19- Fitua Al-Saedi, Diana Pereira Vaz, Daniel H. Stones, and Anne Marie Krachler. 2017. 3-Sulfogalactosyl-dependent adhesion of *Escherichia coli* HS multivalent adhesion molecule is attenuated by sulfatase activity. *J. Biol. Chem.* (2017) 292(48) 19792–19803.
- 20- Baydaa H. Abdullah, Fitua Al-saedi, Ahmed E. Salman. 2019. Effects of *Cichorium intybus* Methanolic extracts on Some Clinical Bacterial Isolates. *Indian Journal of Public Health Research and Development* 10(2):829.
- 21- Fitua Al-Saedi *et al.* Inhibition of *V. parahaemolyticus* infection using the commensal *E. coli* HS in a tissue culture infection model. *Journal of Physics: Conference Series*. 201294 06205119.
- 22- Fitua Al-Saedi, Ahmed Ali Mohammed, Basma Talib Al-Sudani. Immunocytochemistry of *In vitro* produced mucin from HT29-MTX cell line *Indian Journal of Forensic Medicine & Toxicology, October-December 2020, Vol. 14, No. 4.*
- 23- Dalia Abdalkader, Fitua Al-Saedi. Antibacterial Effect of Different Concentrations of Zinc Sulfate on Multidrug Resistant Pathogenic Bacteria. *Sys Rev Pharm* 2020; 11(3): 282 288
- 24- Suhad Faisal Hatem Al-Mugdadi, Dalia Abdalkader Shakur, Fitua Al-Saedi. Diagnostic Biomarkers Related to Cancer Detection and Treatment: A Review Article University of Thi-Qar *Journal of Science (UTsci)* .ISSN Onlin:2709-0256, ISSN Print: 1991-8690 Volume (8, No.1).
- 25- Qutaiba Akram Ismael, Ghaidaa S.Hameed, Fitua M.Aziz. Effect of Introduction of Polymers on the Antibacterial Activity of Crystalline Antibiotics. *International Journal of Pharmaceutical Research | Jul - Sep 2020 | Vol 12 | Issue 3*
- 26- Fitua Alsaedi, Ibtihal Abdulkadhim Dakhil, Adil Hummod Qabas Nather. Formulation and Evaluation of Acetic Acid Lotion for the Treatment of Wound Infection 2019 *Indian Journal of Public Health Research and Development* 10(11):4827.
- 27- Fitua Al-Saedi. Strategies in anti-adhesion therapy: A review article. *Al Mustansiriyah Journal of Pharmaceutical Sciences*, 2021, Vol. 21, No.1
- 28- Numan S, Al-Saedi F, Burhan I. Prevalence of Extended Spectrum Betalactamase and Metallobetalactamase Producing *Acinetobacter baumannii* Isolated from Different Infections in Baghdad City of Iraq. *International Journal of Drug Delivery Technology*. 2022;12(4):1742-1747.

CONFERENCES

- 1- The 1st scientific conference of pharmacy college, Mustansiriyah university . 2010.**
- 2- The 1st scientific conference of Alyarmouk college, Baghdad, Iraq, 2011**
- 3- The 11th scientific conference in college of vet. med. Baghdad university, Iraq. 2012.**
- 4- The 7th scientific conference of college of medicine, Mustansiriyah University, Iraq, 2012.**
- 5- Midlands Molecular Microbiology Meeting (M4) conference, Birmingham, United Kingdom. 2014.**
- 6- Society for general microbiology conference, Birmingham, UK. 2015.**
- 7- Society for general microbiology conference, Liverpool, UK. 2016.**
- 8- 5th Mol Micro & 4th M4 Meeting - UNIVERSITY OF BIRMINGHAM. UK. 2017**
- 9- The second international conference of Applied biotechnology, Al-Nahrain University, Iraq 2019.**
- 10- 2nd conference & 1st international for applied research and patents. Middle Technical University, Iraq. 2019**
- 11- The second international conference (ISC 2019, University of AlQadisiyah, Diwaniyah, Iraq.**
- 12- The second post graduate conference, pharmacy college, Mustansiriyah University. 2022.**