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## **1 - Educational Qualifications:**

- BS.c of Biology / Microbiology / College of Science / University of Mosul in 1989.
- MS.c in Microbiology / Department of Biology/ College of Science / University of Mosul in 2004.
- Ph.D immunology / Department of Animal Biology / College of Science / University of Aleppo in 2010.

## **2 - Academic Expertise:**

- \* Biological Associate in the Department of Biology / College of Science / University of Mosul for the period from 10/24/1999 - 1/10/2001,
- \* Assistant instructor in the Biology department / College of Science / University of Mosul for the period from 19/8/2004 - 4/4/2008, I contributed in teaching many subjects including Immunology, Viruses, Pathogenic Bacteria, Bacterial physiology, Bacterial groups.
- \* Instructor in the Department of Biology / College of Science / University of Mosul, since November 14/11/ 2010.
- \* Assistant Professor, Department of Biology/ College of Science / University of Mosul since 9/4/2014

## **3- Positions:**

- 1- The official of the Scientific Equipment Laboratory for Graduate Studies in the department in 2000.
- 2- Officer of Animal Fabrics Laboratory for Graduate Studies in the department in 2004.
- 3- Chairman of the Laboratory devices Inventory Committee in the department in 2010.
- 4- Scientific devices officer in the department in 2010.
- 5- Department decision of Biology department from 9/5/2011 to 5/9/2015
- 6- Research Laboratory Officer No. 2 (advanced immunity).
- 7- Chairman of the Central Orphan Guarantee Committee at Mosul University 2019.
- 8- Chairman of the Guidance Committee in the department 2020-2021.

#### **4 - Scientific Committees and Societies:**

- 1- Examination Committee in 2007
- 2- Participating in several administrative committees within the Biology department
- 3- Member of the Committee for Examination and Receiving Entrepreneurial Projects at the University Presidency since 2011.
- 4- Representative of the University Academics Syndicate in the College of Sciences.
- 5- A member of the university's teaching staff.
- 6- Member of the teachers union, Nineveh branch.

- 8- Member of the Iraqi Biological Society.
- 8- Head of the Orphans Guarantee Committee at the University of Mosul.
- 9 - Committee for the preparation of exhibitions in the Golden Jubilee of the College of Science in 2013.
- 10- Member of the Future Rescue Organization for Relief and Development in Mosul.
- 11- Member of the Biology Department Board for the period 2011-2014.
- 12- Member of the Student Research Projects Committee, Department of Biology, 2012-2014.
- 13 - Member of the Comprehensive Examination Committee for PhD students in the department in 2017.
- 14- Head of the Coaching committee in the department for the year 2018-2019
- 15 - Member of the College of Science Council as a representative of the faculty at the college.
- 16- Head of the Refah Relief and Development Organization for Women and Children.

## **5- Contributing to community service:**

- 1- Supervising the establishment of the first spring exhibition in the Biology department in 2005.
- 2- Supervising the establishment of the second spring exhibition in the Biology department in 2006.

- 3- Supervising the establishment of the third spring exhibition in the Biology department in 2007.
- 4- Supervising the establishment of the fourth spring exhibition in the Biology department in 2011.
- 5- Supervising the establishment of the fifth spring exhibition in the Biology department in 2012.
- 6- Supervising the establishment of the sixth spring exhibition in the Biology department in 2013.
- 7- Supervising the establishment of the seventh spring exhibition in the Biology department in 2014.
- 8- Supervising the establishment of the eighth spring exhibition in the Biology department in 2018.
- 9- Supervising the setting up of a charitable exhibition as head of the Orphans Guarantee Committee at the University of Mosul in the College of Basic Education in 2019.
- 10- Supervising the establishment of the first charitable sweets exhibition in the Biology department in 2011.
- 11- Supervising the establishment of the second charitable sweets exhibition in the Department of Biology in 2012.
- 12- Supervising the establishment of the third charity sweets exhibition in the Department of Biology in 2013.
- 13- Supervising the establishment of the fourth charitable exhibition of sweets in the Department of Biology in 2018.
- 14- Organizing sewing courses for widows and abusive women in Umm Al-Qura Center and Save the Future in 2019.

15- Visiting Ibn Al-Atheer Hospital with a group of members of the Orphan Sponsorship Committee and donating money to the Thalassemia Society. 2019

16- Organizing the work of small projects for a number of widowed families and families in Mosul, in cooperation with members of the Orphans Guarantee Committee and some relief organizations. 2019.

17- Organizing and supervising the establishment of the first charitable exhibition in the College of Education for Pure Sciences on 23-9-2019.

18- Organizing a course for personal patterns and the art of dealing with the other as an activity of the Orphan Ensure Committee on 01/21/10-2019.

19- Organizing free charitable clinics as part of the activities of the Central Orphan Guarantee Committee in several areas of the right coast in Mosul 2019

20- Organizing a symposium on breast cancer, facts and pictures, by the Central Orphan Guarantee Committee, College of Literature, 27-11-2019.

21- Distributing in-kind assistance to orphaned children in Al Bashaer Primary Schools in the right coast of Mosul, 2019.

22- Organizing the workshop entitled magnetized water, its uses and effects in various fields in cooperation with the College of Sciences, Department of Physics on 14-1-2020.

## **6- Continuing Education courses.**

- 1- Establishing a course on using Elisa technology in the first laboratory diagnosis in the Department of Biology in 2012.
- 2- Establishing a second course on the use of Elisa technique in laboratory diagnostics in the Department of Biology in 2012.
- 3- Establishing a third course on using Elisa technology in laboratory diagnostics in the Department of Biology in 2013.
- 4- Organizing a course in laboratory diagnosis of autoimmune diseases using ELISA and immunofluorescence techniques in 2019.
- 5- Forming the Continuing Education Committee among the formations of the Orphans Guarantee Committee at the University of Mosul to organize various and ongoing courses throughout the year.
- 6- Organizing a course at the College of Science / University of Mosul / from 9/29-10 September 2019 entitled Personality Patterns and the Art of Dealing with Others
- 7- Organizing a workshop at the College of Science / University of Mosul/ entitled Using Qualitative Complement Tests in diagnosing some diseases 01/26/2021
- 8- Participation in the workshop entitled Genetic Cholesterol / College of Science / University of Mosul / on 10/2/2021
- 9- Participation in the workshop entitled “Awareness week against COVID-19” held at the Faculty of Science, Department of Life Sciences, on January 17-21, 2021.
- 10- Organizing the electronic workshop as a lecturer and tagged "Covid 19 vaccine and its impact on public health" and held in the Department of Continuing Education, Al-Hamdania University on April 22, 2021.

## **7- Scientific conferences and seminars:**

1. The Ninth Arab Conference for Plant Protection, 19-23 November 2006 - Damascus / Syria.
2. The Fifth Scientific Conference at the University of Mosul, College of Nursing, from 24-25 June 2008.
3. The second international medical conference for the University of Aleppo, Syria, Aleppo, College of Medicine for the period from 21-23 April 2010.
4. The first scientific symposium in the Department of Biology entitled "Genetically Modified Organisms" March 2011 Faculty of Science University of Mosul.
5. The second scientific conference of the Department of Biology / College of Science / University of Mosul, for the period from 16-17 November 2011.
- 6- The Tenth National Scientific Conference / College of Nursing / University of Mosul, for the period 8-9 May 2012.
- 7- The scientific symposium at the Nineveh Medical College Entitled "Viral hepatitis between the reality of the situation in Mosul and the new science" on 21/5/2012.
- 8-The Third Scientific Conference of the Department of Biology / College of Science / University of Mosul, October 2018. Research Participation.



- 9- The second scientific symposium in the Department of Biology / College of Science / University of Mosul, March 2019.
- 10- The first scientific symposium of the Iraqi Academic Union, Nineveh branch, titled Intoxicants and their effect on society in 2018.
- 11- Participation in the Electricity Symposium held at the College of Science 2019.
- 12- Participation in the international scientific competition sponsored by the Association of Computer Science, Artificial Intelligence and Data Protection in cooperation with the European Union of Scientists and Inventors, the French Association of Inventors in France and Everest Training 2019.
- 13- Participation in the Fifth Scientific Conference for Thalassemia Prevention, which was held at the Nineveh Health Department - Ibn Al-Atheer Hospital on 20-12-2018.
- 14 - An introductory seminar at the Syndicate of Iraqi Academics, Nineveh branch, College of Science, 16-10-2018.
- 15- Academic Work Seminar - Law and Duties A union vision in the College of Sciences on November 19-November 2018.
- 16 - Participation in a workshop entitled "With scientific research and promotions, the University of Mosul thrives", which was established by the Iraqi Academic Union, Nineveh branch, in cooperation with the College of Science 13-1-2020.
- 17- Participation in the International Science Conference held in Turkey via the electronic platform on February 26, 2021. Share a search.

## **8 - Supervision of project students, the fourth stage:**

- 1- Supervising 2 students from the projects for the fourth stage in 2005.
- 2- Supervising 4 students from the projects for the fourth stage in 2011.
- 3- Supervising 2 project students for the fourth stage in 2012.
- 4- Supervising 2 project students for the fourth stage in 2013.
- 5- Supervising 2 project students for the fourth stage in 2014.
- 6- Supervising 2 project students for the fourth stage in 2017.
- 7- Supervising 2 students of projects for the fourth stage in 2018.
- 8- Supervising 2 project students for the fourth stage in 2019.
- 9- Supervising 2 project students for the fourth stage in 2020.
- 10- Supervising 3 student projects for the fourth stage in 2021.
- 11- Supervising 2 project students for the fourth stage in 2021-2022.

## **9 - Supervising scientific theses:**

- 1- Joint supervision of PhD student, Rana Ibrahim Mohamed Abdullah, entitled "Determination of bacterial types causing urinary tract infection and its relationship to autoimmune diseases" 2019.
- 2- Supervising the master's student, Yasser Jassim Mohammed, entitled "Isolation and identification of Streptococcus pneumonia from patients with pneumonia and study some immunological and molecular

variables”, Tikrit University, College of Science, Department of Biology 2019.

3- Supervision of a master's student, Moj Saddam Zaben, entitled "Evaluation of some immunological parameters in patients infected with some virulent bacteria compared with those infected with opportunistic bacteria."

Tikrit University, College of Science, Department of Life Sciences 2020.

4- Supervising master's student Enas Waad Obaid, entitled "Estimation of the level of antibodies to the Corona virus in recovered patients at different periods and its relationship to some other immune factors", College of Science, University of Mosul, Department of Life Sciences 2020.

5- Supervising a master's student, Alia Nazir Ahmed, entitled "Measuring the level of some immunological parameters to assess the effectiveness of the immune system of healthy people in Nineveh Governorate", University of Mosul, College of Science, Department of Life Sciences, 2021.

6- Supervising a master's student, Afraa Abdul-Sattar Abdullah, entitled "Identification of autoantibodies associated with autoimmune thyroid diseases", University of Mosul, College of Science, Department of Life Sciences, 2021.

## **10- discussion of Scientific theses:**

1- Discussion of the master's thesis for the student Abeer Hazem Shihab Al-Khaffaf, tagged “Bacteriological study on the causes of urinary tract

infection in pregnant women in the city of Mosul and a study of some immune variables they have” under the supervision of Professor Adiba Younis Sharif Al-Numan, 2012.

2- Discussing the Master's thesis of the female student, Sura Mahmoud Younis Muhammad Al-Zein, tagged "An Immunological Study for Patients with Type 1 Diabetes," under the supervision of Prof. Adiba Younis Sharif Al-Numan, 2019.

3- Discussion of the master's thesis of student Marwa Ihsan Khalil Ibrahim, entitled "Isolation and identification of bacteria that cause urinary tract infection in women of childbearing age and its relationship to some immune factors", under the supervision of Dr. Adiba Younis Sharif and Dr. Marwa Hassan Abdel Wahab. Tikrit University, College of Science, Department of Life Sciences 2020.

4- Discussion of the doctoral thesis of the student Duha Jassim Muhammad Yassin “The role of polysaccharides lipopolysaccharides and lipid A of Escherichia coli in some immunological variables” supervised by Dr. Hiam Adel Al-Tai, University of Mosul, College of Science, Department of Life Sciences, 2020.

5- Research support No. 5 for the period 2019-2020, Department of Life Sciences, College of Science.

6- Arbitration of a scientific article, Al-Rafidain Science Journal, 2020.

7- Evaluation of a scientific paper entitled Evaluation of circulation levels of ASA and IL-6 in infertile men. The Second International and Fourth Scientific Conference, Faculty of Science, Tikrit University, 2020.

8- A scientific evaluation of the Higher Diploma thesis entitled “Studing inhibitory effect of probiotics and antibiotics against pathogenic bacteria isolated from injuries of military operations. College of Science, Tikrit University, 2020.

9- Discussion of the master’s thesis for student Muhammad Khaled Muhammad “Investigating the genes of resistance and virulence of Staphylococcus aureus isolated from patients undergoing hemodialysis. Supervised by Dr. Hala Abdel-Khaleq Awad, University of Tikrit, College of Science, Department of Life Sciences, 8/30/ 2021.

## **11- Thanks and appreciation Books:**

1- A letter of thanks from the President of the University in 2000.

2- A letter of thanks from the Dean of the College of Science in 2004.

3- A letter of thanks from the Dean of the College of Science in 2005.

4- A letter of thanks from the Dean of the College of Science , No. 2, in 2007.

5- A letter of thanks from the Head of the Department of Animal Biology / College of Science / University of Aleppo / Syria 2010

6- A letter of thanks from the President of the University in 2011.

7- A letter of thanks, No. 3, from the Dean of the College of Science in 2011.

- 8- A letter of thanks from the Charitable Society for Social Solidarity / Mosul in 2011.
- 9- A letter of thanks from the Dean of the College of Science , No. 2, in 2012.
- 10- A letter of thanks from the Dean of the College of Basic Education in 2013.
- 11- A letter of thanks from the Dean of the College of Science No. 2 in 2018.
- 12- A letter of thanks from the Dean of the College of Science in 2019.
- 13- A letter of thanks from the Dean of the College of Basic Education in 2019.
- 14- A letter of thanks from the department head for the efforts exerted in making the third scientific conference for the department of Biology 2018 successful.
- 15- A letter of thanks from the Dean of the College of Science for participating in the field practice established by the College, 2019
- 16- A letter of thanks from the Dean of the College of Science / Tikrit University 2020.
- 17- A letter of thanks from Prof. Assistant President of Al-Hamdaniya University /22/4/2021
- 18- A letter of thanks from the Dean of the College of Science / University of Mosul / 9/3/2021
- 19- A letter of thanks from the Dean of the College of Science / University of Mosul /5/1/2020

20- A letter of thanks from the Dean of the College of Science / Tikrit University 13/8/2020

21- A letter of thanks from the Dean of the College of Science / University of Mosul 9/5/2021

22- A letter of thanks from the Dean of the College of Science / University of Mosul 3/24/2021

23- A letter of thanks from the Dean of the College of Science / University of Mosul 10/3/2021

24- A letter of thanks from the Dean of the College of Science / University of Mosul 10/21/2021

### **13- Research:**

1- Master Thesis, "Detection of Anticardiolipin syndrome in spontaneous abortion cases", Master Thesis. Supervised by Prof. Adiba Younis Sharif Hamo Al-Numan, Department of Biology, College of Science, University of Mosul, Iraq (2004).

2- Abdullah, Basima Ahmed and Rasmia Omar Sultan and Mahmood Abdul-Jabbar Hussain, 2001, "The biological activity of some prepared benzotriazol derivatives", Al-Rafidain Science Magazine, Volume XIII, No.4, 2002.

3- Sharif, Adiba Younis, Mahmood Abdel-Jabbar Hussein and Ziyad Dhanoon Dawood, 2007, "Study of the inhibitory effect of propolis on a

number of germs positive and negative bacteria" Al-Rafidain Science Magazine, session (9).

4- Al-Hamdany, Abdel-Wahab Jaafar, Aous Mardan Hamdiy and Mahmood Abdel-Jabbar Hussein, 2007," Addition of active methylene compounds to Schiff Bases and study the antibacterial Activity of the products", Tikrit Journal of Pure Sciences, Volume 14, No1, 2009.

5- Abed, Muhammad, Mahmoud Nasser and Mahmood Abdel-Jabbar Hussein, 2009, "Diagnosis of autoimmune hepatitis by ELISA and indirect IF", Al-Rafidain Science Journal, Volume 21, No 1.

6- Abed, Muhammad, Mahmoud Nasser and Mahmood Abdel-Jabbar Hussein, 2010, "Biochemical study for patients with autoimmune hepatitis and chronic hepatitis in Aleppo hospitals", Aleppo University Research Journal, issue of 2010.

7- Abed, Muhammad, Mahmoud Nasser and Mahmood Abdel-Jabbar Hussein, 2010, "Using electrophoresis technique for the differential diagnosis between autoimmune and viral hepatitis patients", Aleppo University Research Journal, issue of 2010.

8- PhD thesis "Autoimmune hepatitis Distribution of Hepatitis People in University Aleppo Hospital and the Infectious Diseases Hospital Using New Technique" under the supervision of Prof. Dr. Mohamed Abiad and the participation of Dr. Mahmoud Nasser, Department of Animal Biology, College of Science, University of Aleppo, Syrian Arab Republic , 2010.

9-Tobje, Mahmood Abdel-Jabbar Hussein, 2013, "Detection of systemic lupus Erythematosus disease and its effect on some of the variables in the body" , Al-Rafidain Science Journal, session (6).



10-Al-Tobje, Mahmood Abdel-Jabbar Hussein, 2013, " Effectof fasting on some immunological parameters", Journal of Education and Science.

11- Al-Nouman, Adeeb Younis Sharif , Mahmood Abdel-Jabbar Hussein, and Iman Mahmoud Khader, 2014, "The Effect of Omega-3 Fish Oil on Some Immunological Factors in Laboratory Animals", Journal of Education and Science.

12-Al-Allaf, Rogan Ghanem and Mahmood Abdel-Jabbar Hussein, 2017, "Effect of Psychological Stress on Some Immunological Parameters Studied in Under Graduate Students",Al-Qadisiyah Journal of Pure Sciences, Volume 22, No. 2, 2017.

13- Al-Tobje, Mahmood Abdel-Jabbar Hussein, Mohamed Abiad, and Mahmoud Nasser, 2018, "Hematology test for patient of Autoimmune Hepatitis", the third scientific conference of the Department of Biology, 2018.

14- Dawoud, Ali Adel, Mahmood Abdel-Jabbar Hussein Al-Tobje, 2019, "Assessment Association between IFN B2 AST and Natural Course of Infections with Hepatitis A and C Viruses". Journal of Infectious Diseases and Medicine. 2019.

15- Dawoud, Ali Adel, Mahmood Abdel-Jabbar Hussein Al-Tobje, 2019, "Correlation between CXCL-motif-10 and IFN-  $\gamma$  on Hemodialysis Patients with HCV under Treatment", International Journal on Emerging Technologies 10 (3): 208-215 (2019).

16- Yaser Jasem, AL-Khatony, Hala Abdulkhalek, ALhadethy, Mahmood Abduljabar, Altobjy,2020 , "Comparion of different diagnostic techniques for the identification of pulmonary tuberculosis and using serum TNF- $\alpha$

levels as a biomarker for evaluating the severity of tuberculosis, "*Indian Journal of Forensic Medicine & Toxicology*" (ISSN /E-ISSN 09739122,09739130) Unit No. 1704.

17-Ali Adel Dawood, Mahmood Abduljabar Altobje, 2020," Inhibition of N-Linked Glycosylation by Tunicamycin May Contribute to the Treatment of SARS-COV-2",*Microbial Pathogenesis*,<https://doi.org/10.1016/j-micpath.2020.104586>.

18- Rana Ibrahim Mohamd, Adeeba Younis ALnuman, Mahmood Abd-ALjabbar Altobje, 2021, 'The Effect of Bee Venom on Some Immunological Parameters in Experimentally Infected Mice' Indian Ecological Society' No. IES/IGE 696-20-5682. MS No-1217-20.

19-Mahmood ALtobje,Zeyad Thannoon Dawood AL-Rassam,2021, The Estimate of Interferon-inducible protein-10 and Interferon- $\gamma$  in Hemodialysis Patients with Chronic HCV:IP 10in Hemodialysis patients"*Scientific Foundation SPIROSKI- Journals*,  
<https://oamjms.eu/index.php/mjms/pubfees>. 2021.

#### **14 - Scientific training courses:**

1. English language course, College of Literature , Department of Translation, 1999, for a month.
2. The Eighteenth session in teaching methods, Center for Teaching Methods, University of Mosul, 2001, for two weeks.
3. Training course in molecular biological techniques, University of Duhok, 2005, for one week.

4. A course in the use of computers and the Internet at the Electronic Computer Center at the University of Mosul 2006 for a period of two weeks.
5. Course in NLP Horizons International Center in Aleppo 2008, for 23 days.
6. Workshop on principles of laboratory diagnostics for autoimmune diseases at the University of Aleppo in cooperation with the Euro-immune German company, 2009.
7. Workshop on using the RT-PCR at the Faculty of Medicine, Aleppo University, 2010.
8. Workshop on the use of the DNA Sequencer, Faculty of Medicine, University of Aleppo, in cooperation with the Euro-immune Germany company, 2010.
9. MGIT Diagnostic Workshop for Tuberculosis Diagnosis, Faculty of Medicine, Aleppo University, 2010.
10. Workshop entitled "The applied importance of flowcytometr technology in cancer diagnosis", Faculty of Medicine, Aleppo University, 2010.
11. Workshop on the foundations for the manufacture of Oligonucleotides (initiates), Faculty of Science, University of Aleppo, in cooperation with the Science and Technology Foundation, 2010.
12. Teaching Methods Course (229) at the Center for Teaching Methods Development and University Training, 2013.
13. Computer Efficiency Course at the Computer and Internet Center at Mosul University, 2013.

14. Arabic Language Safety Course, College of Arts, University of Mosul, 2018.

15. Course entitled Personality patterns and the art of dealing with the other, Central Orphan Guarantee Committee and College of Science 2019