

## **C.V.**

**Name : Hind MizhirMousa**

**Gender: Female**

**P.O.B : Thi-Qar- Iraq .**

**Social state: Married**

**Member in British Society for Immunology ,Membership number:38574**

**Member in MEMBS Membership number: A003902**

**Member in The MicrobiologySocietyMembership number: C021826**

**Private Laboratory License in Clinical Microbiology: D.A.F/7/3/1300 IN 8/1/2018**

**Work address :**

Thi-qar University, Faculty of science / Pathological analysis department .Currently

**Address of residence:**

**Thi-qar / Al-Nassiryia City .**

Date of first employee: 2/1/2002 , in Thi-qar University

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**Degrees:**

- 1. BSc of Biology** College ofEducationfor Pure Science, Thi-qar University (2001).
- 2. M. Sc.** Microbiology, Immunology, College of Science, Basra University.(2006).
- 3. PhD.** in Microbiology , Immunology .(2013). College of Science for Women / University of Baghdad

**Tasks:**

A member in the teaching staff in Pathological analysis department , Faculty of science / Thi-qar university.

**Currently position:** I'm professor. in field Microbiology & Immunology in Pathological analysis department /College of Science/ Thi-qar university.

## **Work Experience**

2002.....Researcher in college of education for Pure Science .

2003-2006.....Master student in immunological lab. In college of science Basra university

2006-2008 .... Lecturer biology department in college of education for Pure Science .

2008-2012 ... Practical Field in AL-hussein teaching hospital in Nassieryia city.

2009-2012 PhD. Student in Microbiology & Immunology lab in Baghdad University.

2012-2013 Training course in the lab of institute of liver studies for( IHC, RT-PCR techniques) , king's college hospital, London university

2013 Training for FISH technique in hematology department in king's college hospital, London university

2014-2015 Lecturer in pathological analysis department ,faculty of science and biology department in college of education .

2013-2015 Manger of Assurance of Quality Department in College of Education for Pure Science .

2015 Training workshop in medical molecular and Flow Cytometry techniques in Pasteur institute of Tehran –Iran .

2016Training Workshop in Nanotechnology for useful Environment Applications in Hamdan Bin Mohammed Smart University of Dubai - UAE

2016 Training Workshop in Nanotechnology and its applications in medicine in Kerbla university - College of medicine .

2017 Training workshop Flow Cytometry techniques in Faculty of science – BasraUniversity .

2018Training workshop in Cell Culture ,MTT assay inMolecular Medicine Department , Pasteur Institute of Tehran –Iran .

2020-2022 Head of Pathological Analysis Department

2022- To Now Member of the Scientific Promotions Committee in the College of Science

### **Research works :**

1. Mousa,H.M.(2006) . Extraction&,purification of B-lactamase enzyme from locally isolate of *Neisseria gonorrhoeae* and studying antigenic efficiency .Master thesis,college science. Basrah University .(MSc project).
2. Mousa,H.M.(2013) Role of some cytokines ,Heat shock protein -70 ,and Microbial infection in Iraqi Patients with Urinary Bladder Tumors. PhD. thesis, college science for women . Baghdad University .(PhD. project).
3. Mousa, H.M.( 2010) .Isolation and Identification of bacteria that associated with acne lesions and study an effect of some related factors with exacerbated of acne in sample of college of education students in Thi-qar university . . *Scientific Journal of Education College.Thi-qar University* 1( 1):. 159-168.
4. Mousa, H.M.( 2011) .Isolation and Identification of microorganism Specious that cause vaginitis that associated with femalgenital tract and study the effect of some related factors in incident .*Scientific Journal of Education College.Thi-qar University* , 1, (4) : 147-157 .
5. Tahema ,S.J. , Mousa,H.M., Mahdi,S.A. (2010) .The antimicrobial effects of antibiotic and bark &pulp extract of Miswak plant *Salvadoraperksica* against some types of bacteria that causes dental carries .*Journal of mission researches*.7(14 ) : 331-345.
6. Jassem A.N. , Mousa H.M. and Hussain MJ. (2014) . HSP70-2 Polymorphism in Urinary Bladder Carcinoma . *Iraqi Journal of Biotechnology* . 13 (2) :75-86 .
7. Jassem A.N. , Mousa H.M. and Hussain MJ (2014 ) . Heat shock protein70 as biomarker in bladder cancer . *J. Baghdad for Sci.* 11(3):1130-1135 .
8. Mousa H.M. , Jassem A.N. and Hussain MJ (2014) . Role of TGF- $\beta$ 1 in Urinary Bladder Carcinoma . *J. Baghdad for Sci*, 11(4) :1481-1485 .
9. Mousa Hind M. and Qasim M. T. (2015) . Microbial Infection and IL-6 Urine Levels for Pregnant Women in Thi-Qar Province . *World Journal of Pharmaceutical Research* 4 (5) : 358-365 .

10. Jassem A. N. , AL-amery H. I., and Mousa Hind. M. (2014).Microbial Diversity in Urinary Bladder Carcinoma . ( Accepted No. 22,October 2014) in ***Journal of Basic Education*** of AL-Mustansiyrya university
  
11. Mousa H. M. . (2015) .Tumor-associated macrophages (TAMs) as Biomarker for urinary bladder tumor. in ***Journal of Basic Educationof AL-Mustansiyrya University*** 88(21) :209-218 .  
( Accepted No. 469 in 18,Febreray 2015 )
  
12. Mousa H.M. and Hafedh A A. (2015) .Psychosocial Stress, and Cellular Immune Response in Iraqi Bladder cancer patients . ***Journal of College of Education for Pure Science . (JCEPS)***,5(1):33-40 .
  
13. Mousa Hind. M. Jassem A. N. , and Hussain MJ, (2016).The IHC expression of IL-13 in Bladder Tumors . ***Al-Kufa University Journal for Biology***, Special Second International Scientific Conference for the Life Sciences Faculty of Education for Women / University of Kufa / 2016 Issue C:117-119.
  
14. AL-Mozan H.M., AL-Oboedi B.A., and Mousa .H .M *et al.* (2016) . The effect of Sweet almond extract in activity of proamastigote of *Leishmaniadonovani* in vitro. ***Al-Kufa University Journal for Biology***, Special Second International Scientific Conference for the Life Sciences Faculty of Education for Women / University of Kufa / 2016 Issue C: 212-215.
  
15. Mousa Hind. M. Jassem A. N. , and Hussain MJ, The role of IL-6 & IL-13 in Urinary Bladder Tumors . ( Accepted) in the first international Annual conference for southern technical University in No : 22/T in 31/5/2016 .
  
16. Hafedh A. A., Ateia S.A. ,and Mousa .H .M. (2015). The frequency of Anti-hepatitis B core antibody in negative Hepatitis B surface antigen blood donors in Thi-Qar province . ***Journal of university of Thi-Qar***, 10 (3) :1- 5 .
  
17. AL-Mozan H.M., Mankhi AM. G. , and Mousa .H .M *et al.* (2015) . Epidemiological of parasites that contaminated fresh vegetables . ***World Journal of Pharmaceutical Research*** 4 (10) .
  
18. Mousa H.M. , Jassem A.N. and Hussain MJ (2017).The Endoglin (CD105) ExpressionasaMarker of Tumour Vasculature in Urinary Bladder Tumours of Iraqi patients ***Mesopo. Environ. j.***, Special Issue C :93-98.
  
19. Mousa H.M. , Jassem A.N. and Hussain MJ (2017).Stress Protein Expression in Bladder Tumor tissues ( Accepted) in ICBS International

conference for biological sciences in College of Education -University of GarmianKalar- Kurdistan- Iraq No : 2 in July 13,2017 .

20. Mousa ,H. M. (2017). Interleukin(IL)17 Expression in Iraqi Bladder Carcinoma Patients *.Iraqi Journal of Biotechnology* . 16 (3) :94-97 .
21. Mousa H.M. , Jassem A.N. and Hussain MJ .(2017) . CD 14 Expression and Microbial infection in Bladder Tumors *journal of Biological Science , J. Biol. Sci., 17 (8): 394-399, 2017* .
22. Mousa H.M and Wadai G MA.(2018). The infiltration of T-bet in bladder tumors in sample of Iraqi Patients . *Biochemical and cellular archives journal ,18 (1): 659-663, 2018*.
23. AL-Mozan H D, Mousa H M, Al-BadryB J .(2019). prevalence of cancer disease in Thi\_Qar Province.*Journal of Physics: Conference Series 1294 (6), 062039*.
24. EJ Ali, and HM Mousa. (2019) .ACE-D/I SNP polymorphism in Iraqi patients with chronic renal failure in Thi-Qar province *.Periodicals of Engineering and Natural Sciences 7 (4), 1675-1680* .
25. Hassan, Ahmed G Mousa, Hind M .(2020). Dermatophytosis infection in Al-Nassiriyah City . *EurAsian Journal of BioSciences; Vol. 14, Iss. 2, (2020): 2849-2853*.
26. Hassan, Ahmed G Mousa, Hind M .(2020).Interleukin-17 serum levels as a vital indicator of psoriatic Iraqi patients in Thi-Qar Province. *EurAsian Journal of BioSciences; Vol. 14, Iss. 1, (2020):1101-1104* .
27. Hamood, A. A. ., & Mousa, H. M. (2022). Lipid Profile Disturbance in Acne Vulgaris of Iraqi patients. *University of Thi-Qar Journal of Science, 9(1), 72–76*.
28. Hammood, A. A., &Mousa, H. M. (2022). The Role of Toll-Like Receptor-2 in Acne Vulgaris of Iraqi Patients. *Journal of Chemical Health Risks, 12(3), 473-480. doi: 10.22034/jchr.2022.691852*
29. Abbas, E. A., &Mousa, H. M. . (2022). The Role of Interleukin 12 in Iraqi Patients with Psoriasis. *University of Thi-Qar Journal of Science, 9(1), 34–38. <https://doi.org/10.32792/utq/utjsci.v9i1.873>*
30. Naji, A. A. ., &Mousa, H. M. . (2022). The Sera levels of Interleukin-13 in Patients with Atopic Dermatitis in Thi-Qar province. *University of Thi-Qar Journal of Science, 9(1), 39–42*.
31. Beden, M. W. ., &Mousa, H. M. . (2022). Bacteriuria with Unusual Uropathogens in Diabetics in Thi-Qar Province. *University of Thi-Qar Journal of Science, 9(1), 43–48*.

32. Mousa, H., &Zoori, A. (2023). The Prevalence of Thyroid disorders in Nasiriya City, Iraq: Thyroid disorders. *University of Thi-Qar Journal of Science*, 10(1).
33. Mousa, H., &Abd Al-Amir , T. (2023). The Infections in Urinary Tract among Pregnant Women in Nasiriya City, Iraq: Bacterial Urinary Tract infections among Pregnant Women. *University of Thi-Qar Journal of Science*, 10(1). <https://doi.org/10.32792/utq/utjsci/v10i1.1039>
34. Alkhafaji, A., Soleimani, N., &Mousa, H. (2023). Investigation of Antimicrobial Susceptibility Patterns and blaVIM -metallo- $\beta$ -lactamase Gene in Clinical Samples of Klebsiellapneumoniae. *University of Thi-Qar Journal of Science*, 10(2), 242–246.
35. Sharad, J., & Mousa, H. (2024). Correlation between Insulin antibodyand HbA1c in Diabetes Mellitus. *University of Thi-Qar Journal of Science*, 11(2), 50-53. <https://doi.org/10.32792/utq/utjsci/v11i2.1242>
36. Washel, W. G., Mobarak, H. R., & Mousa, H. M. (2024). Effect of Polymorphisms of Vascular Endothelial Growth Factor (VEGF) and Transforming Growth Factor Beta-1 (TGF- $\beta$ 1) in Women with Recurrent Miscarriage. *Journal of Education for Pure Science*, 14(1).
37. Mousa, H., & Dhuha A. Al-Sattar Jabar. (2024). The Immunological Role of Interleukin-10 in Chronic Renal Disease Patients of Thi-Qar Province. *University of Thi-Qar Journal of Science*, 11(2), 147-150. <https://doi.org/10.32792/utq/utjsci/v11i2.1266>
38. Aouda, Z. K., Mohammad, Z. A., & Mousa, H. M. (2024). The effect of diabetes on the development of skin lesions in patients in infected with cutaneous leishmaniasis in Thi-Qar province, Iraq. *Journal of Education for Pure Science*, 14(1).
39. Zaeinab Tkhadum & Hind M Mousa, 2025. "Association of vitamin D3 deficiency with autoimmune hypothyroidism in Southern Iraqi patients: A regional study from Thi-Qar Province," *Edelweiss Applied Science and Technology*, Learning Gate, vol. 9(6), pages 1094-1103.
40. Hayawi, N., & Mousa, H. (2026). Prevalence of Food Allergies and Helicobacter pylori Infection in Urticaria Patients from Thi Qar Governorate, Iraq. *Egyptian Journal of Medical Microbiology*, Volume 35 / No.1 / January 2026 :1-6 , -. doi: 10.21608/ejmm.2025.390456.1684 .

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<https://www.researchgate.net/profile/Hind-Mousa>

## **Conferences**

- 1-** The second international for Genetic engineering and Biotechnology conference in Baghdad university 15<sup>th</sup> -16<sup>th</sup> /10/2014.
- 2-** The 4<sup>TH</sup> international conference for Veterinary Sciences in college of Veterinary Medicine, university of Basra on Nov. 12<sup>th</sup> -13<sup>th</sup> ,2014 .
- 3-** The first international Biological science conference Baghdad university in 6-8/10/2015 .
- 4-** The second international Biological science conference Kufa university in 4-7/12/2015 .
- 5-** The Innovation Arabia 9 annual Congress for Health and Environmental on 7-9 march 2016 ,Dubai ,UAE .
- 6-** The first international Annual conference for southern technical University in 15-17/3/2016 .
- 7-** The fourth medical science conference in Qadeissyia university college of medicine in 20-21/4/2016 .
- 8-** 9- The 5<sup>TH</sup> international conference for Veterinary Sciences in college of Veterinary Medicine, university of Basra on Nov. 2-3 ,2016 .
- 9-** The first international Medical Sciences Congress in holly Kerbalain 7-9/12/2016 .
- 10-** ICBS International conference for biological sciences in College of Education -University of GarmianKalar- Kurdistan- Iraq from 23 to 24 July /7/ 2017
- 11-** The 2<sup>nd</sup> international Medical Sciences Congress in holly Kerbalain 13-14/9/2017 .
- 12-** The Third international for Genetic engineering and Biotechnology Conference in Baghdad university 25 -26 /10/2017 .

- 13-** The first international Congress (Science for Women : Development and Innovation ) in 13-15/11/2017 . Egypt .
- 14-** The 2<sup>nd</sup> international Conference on Advanced Research in Pure and Applied Science ICARPAS 2024 27-28 November 2024 .IRAQ .

### **TECHNICAL EXPERTISE**

I am well versed in DNA/RNA extraction from human samples (fresh and paraffin embedded both), PCR, rRT-PCR, FISH, and Immuno-histochemistry (IHC) . Protein purification and estimation, Enzyme activity assays, ELISA technique .

#### **The Subjects I taught :**

**Theory :** Immunology , Sera & Vaccine , Biotechnology , Infectious diseases , Virology , Medical bacteria , Medical Techniques .

**Practical :** Immunology , Microbiology , Mycology , Ecology .

**I taught advance immunology** for post graduate master's and doctoral programs , and **supervised graduate students** in master's, higher diploma and doctoral programs