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“MOHAMMED WAEL” HASAN ABU GHOSH
P.O.Box 143842 Amman 11844 Phone +962 6 5620837
Mobile +962 772070800
+962 799035210
E-mail: mhdwael@yahoo.com

PERSONAL DATA

1. Name: “Mohammed Wael” Hasan Abu Ghoush
2. Sex : Male
3. Date of Birth: 28/10/1963
4. Martial Status: Married
5. Nationality: Jordanian

Education

1. 2000-2002 University of Gulhane Military Medicine Academy- Turkey
MSc. In Biochemistry and Clinical Biochemistry.
2. 1981-1986 Yarmouk University – Jordan. BSc. In Allied Health Sciences
(Medical Technology)
3. 1980-1981 High School Certificate – Jordan.

Experiences

1. Laboratory Officer at King Hussein Medical Center/ Department of Pathology
Royal Medical Services since 1986.
2. Worked as Scientific officer in the Laboratory Department :
 - Biochemistry Lab
 - Blood Bank
 - Micro- Biology Lab
 - Immunology Lab
 - Hematology and Coagulation Lab
 - Molecular Hematology Lab
3. 1988 – 1992 Hematology and Coagulation Lab officer
Conducted all routine and special Hematology test including automated blood
cell counters, blood films microscopy, Hemoglobinopathies diagnosis by Hb-
electrophoresis, chromatography methods, Hemolytic anemia’s diagnosis,
Coagulation tests.
4. 1992-1993 Senior officer of the Medical Laboratory /Prince Zeid bin Al
Hussein Hospital Royal Medical Services
5. 1993-2000 Senior officer in the Department of Hematology and Coagulation
at King Hussein Medical Center.
6. 2000-2002 (Research Assistant)
Research Assistant, Genetic Molecular Biochemistry and Clinical
Biochemistry, Metabolic Disorders, Preparation of DNA, RNA, DNA
sequencing and PCR analysis.
7. 2003-2004 Chief officer of the medical laboratory at prince Ali Ibn Alhussein
Hospital, Royal Medical Services.

8. 2004/2005 Mu'tah Univesity Faculty of Science Department of Chemistry, General Chemistry 1, Chem.303101 (First Semester), Lecturer for General Chemistry at Mu'tah University Princess Muna College of Nursing and Allied Health Profession.
9. 2007/2008 Mu'tah Univesity Faculty of Science Department of Chemistry, General Chemistry 1, Chem.303101 (First Semester), Lecturer for General Chemistry at Mu'tah University Princess Muna College of Nursing and Allied Health Profession
10. 2011/2012 Mu'tah Univesity Faculty of Science Department of Chemistry, General Chemistry 1, Chem.303101 (First Semester), Lecturer for General Chemistry at Mu'tah University Princess Muna College of Nursing and Allied Health Profession.
11. 2012-2013 Faculty of Allied Health Professionals Royal Medical Services, Lecturer for Basic Hematology and Diagnostic Hematology Course. Royal Medical Services.
12. 2004 - 2013 Hemoglobinopathies diagnosis by HPLC, Molecular Hematology and Prenatal diagnosis senior officer.
13. 2013 to 2017 Chief officer of the medical laboratory Hematology, Coagulation and Molecular Genetic Hematology Department at Princes Iman Research and Laboratory Sciences Center, Royal Medical Services.
14. 2015-2018 Director of Quality Control Department at Princes Iman Research and Laboratory Sciences Center, Royal Medical Services.
15. 2015- until now Member of Technical Comity in Accreditation Unit at Jordan Accreditation System (Jordan Standards and Metrology Organization).
16. 2017 Chief Medical Technologist supervisory, administrative, and technical analytical work in performing standardized and highly specialized tests and examinations in a clinical laboratory Royal Medical Services.
17. 2017-2018 Director of Allied Health Professionals in Royal Medical Services.
18. 2017-2018 Member of National Council For Family Affairs.
19. Authorization to Practice the Profession of Specialist Medical and Laboratory Analysis for Ministry of Health , 27th May 2007, Authorization No. 162/70001, Amman- Jordan.
20. Approve the grating of a permit administration of a private medical laboratory , Ministry of Health 7th January 2018, No. MTMS/ Careers/ 101, Amman- Jordan.

Training

1. Introduction to computer literacy and information technology course 1st -22 May 2000. Amman Business Institute, Licenses by the Ministry of Education.
2. RSA Computer Literacy and Information Technology Stage I, July 2000. University of Cambridge Local Examination Syndicate.
3. Turkish Language Course, 72 credit hours 12th April-1st of September 2000. Turkish Cultural Center/ Amman-Jordan.
4. Workshop on Laboratory Diagnosis of Hemophilia 16th-18th September in Cairo-Egypt.
5. First Workshop on Laboratory Diagnosis of Hemophilia Held, World Federation of Hemophilia. 29-30th November 2004. Amman-Jordan.

6. User Application on STA Compact, DIAGNOSTICA STAGO 2nd -3rd June 2004. Amman-Jordan.
7. Genetic Molecular Diagnosis training, DNA Extraction, PCR Techniques, FVIII and FIX Mutation Detection by Sequencing Analysis, Detection of FVIII Intron 1 Inversion by PCR, Detection of FVIII Intron 22 Inversion by Southern Blotting. Haemophilia Center and Haemostasis Unit, Royal Free Hospital, 1st December 2005-16th January 2006. London, UK.
8. Third Symposium of Hemophilia Care, World Federation of Hemophilia, Ministry of Health-Jordan and the Jordan Hemophilia Society in the context of the GAP program. 11 July 2006. Amman-Jordan.
9. Attended the Training Course Fulfillment of Accreditation Requirements according to ISO 15189:2007 in Amman from the 6th till the 7th June 2007.
10. 1st Regional Laboratory Training Workshop, Coagulation and Hemophilia Diagnosis. Amman –Jordan June 26-27,2007.
11. Prenatal Molecular Diagnosis of Beta-Thalassemia, as well as Molecular Diagnosis of Alpha –Thalassemia, Chorionic villi sample (CVS) dissecting and cleaning under a dissecting microscope, with DNA extraction from CVS, and DNA analysis for CVS samples. Training on the different genetic experiments and techniques Amplification Refractory Mutation System (ARMS), Restriction Fragment Length Polymorphisms (RFLP), Gap-PCR and Restriction Enzyme Digestion Analysis. Training also included necessary skills for avoiding and controlling sample contamination, and the organization of prenatal diagnosis as a service. The Cyprus Institute of Neurology and Genetics. Cyprus-Nicosia, 17th September- 13th November 2007.
12. Pico Network Environmental Monitoring System, Installation, Configuration and EnviroMon Software Application Training. Royal Medical Services- Princess Iman research and Laboratory Sciences Center, During the Period 1-3 June 2008. Amman-Jordan.
13. The 5th Symposium on Hemophilia Care , World Federation of Hemophilia, Ministry of Health-Jordan and the Jordan Hemophilia Society in the context of the GAP program. August 5,2008. Hayatt Amman Hotel. Amman-Jordan.
14. Molecular Pathology workshop, Princess Iman research and Laboratory Sciences Center (King Hussein Medical Center) , 24 July 2011. Amman-Jordan.
15. GML Fragment and Sequencing Kits on ABI 310 Genetic Analyzer At Speciality Hospital- Molecular Department. 15-9-2012 – 20-9-2012. Amman – Jordan.
16. Advanced Technologies for Molecular Diagnostics , held on 9-10 April 2013 . Amman- Jordan.
17. Training at Jordan Standards and Metrology Organization Participated in 12 hours training Course on ISO 15189:2012, Held on 7-8 July 2013 in (JSMO), Amman –Jordan.
18. GML Fragment and Sequencing Kits on ABI 310 Genetic Analyzer, 12.08. 2013- 15.08.2013. At Genomed Company / Molecular Department- Turkey.
19. King Abdullah II Center for Excellence دورة تحويل مخرجات التقرير التقييمي الى خطط عمل 31-12-2013.
20. Work Shop Safe Blood and Blood Products Transfusion / Royal Medical Services 12-5-2014.
21. Quality Control and Basic Statistics October 20th – October 21st/2014 Roche Diagnostics Middle East FZCO, Dubai UAE.

22. Training on Perkin Elmer Prenatal BoBs assay for Rabid detection of Fetal Chromosomal Abnormalities at Princes Iman Research and Laboratory Sciences Center Royal Medical Services, Amman Jordan 30 April /2014.
23. Training on Perkin Elmer Prenatal BoBs assay for Rabid detection of Fetal Chromosomal Abnormalities at Princes Iman Research and Laboratory Sciences Center Royal Medical Services, Amman Jordan 27 November /2014.
24. Sysmex Hematology Workshop Theoretical Knowledge, complemented with practical exercises, CBC Specimens collection and interpretation, quality assurance of quality control, clinical significance of IPF measurement, IPF is a good indicator for bone marrow regeneration , RET-HE to assess iron deficiency in hemodialysis patients, RET HE for diagnosis of functional iron deficiency, from 16-17 June 2014, Amman Jordan.
25. First Allied Health Professions Presenting workshop in Hematology Analyzer Parameters and Essential of Quality Control, 7th May 2015 Amman –Jordan.
26. Quality Control and Basic Principles October 20th – October 26th July /2015Roche Diagnostics Middle East FZCO, Amman - Jordan.
27. International External Quality Assessment Scheme (IEQAS) in WFH international EQA for blood Coagulation JUNE 1.2016.
28. U.S Naval Medical Research Unit No. 3, Egypt . Presented to Workshop on Laboratory Quality Manegment System Using LQSI for Iso 15189 implementation NAMRU 3 / CDC , Amman –Jordan 4-8 September 2016.
29. Attended the MANAGERIAL CAPACITY BUILDING PROGRAM , March 15th , 2022. NAPOLEON HILL TRAINING / JORDAN OFFICE. Traning Areas (Technical Skills – non soft Skills , traning solution in soft skills topics, technical and non – technical as well for corporate and individuals.
30. Certified Professional Trainer by Thae IAPPD Global , MAR 2023.

Publications and Conferences

1. Inherited Bleeding Disorders. A Retrospective Study, Journal of the Royal Medical Services 1999; 6.(2),66-71.
2. Is Chemical Analysis of Urine Dipstick Always sufficient, Turkish Journal of Biochemistry. 2001; 26. (4),143-156.
3. Activated Protein C Resistance Increases the Risk of Venous Thrombosis: A Prospective Study in 104 Patients with Unexplained Thrombosis, Turkish Journal of Biochemistry. 2002;27.(2),47-53.
4. Comparison of indirect Methods for Lactose Malabsorption, Turkish Journal of Medical Sciences. 2003; 33 (2), 103-110.
5. Comparison if White Cell Differential Reported on The Sysmex K-1000 With Results Obtained Visually (The 10th Annual scientific Day of The School of Medicine Jordan university of Science & Technology 1996. Amman-Jordan.
6. Hemoglobinopathies Diagnosed At K.H.M.C Between 1990-1995 . The First International Medical Congress 1996. Amman-Jordan.
7. Thalassemias And Other Hemoglobinopathies Diagnosed At K.H.M.C Over A 7- years Period. The Eighth Arab Conference of clinical Biology, The First Jordanian Conference of Medical Laboratory Sciences 1997. Amman-Jordan.
8. Evaluation of Four Laboratory Tests Used in The Detection and Diagnosis of

- Lupus Anticoagulant. The third Scientific day For Allied Health Professions, 2000. Amman-Jordan.
9. Prevalence of Hereditary Deficiency of Antithrombin III, Protein S, and in Particular Protein C Anticoagulant Pathway in Patients With Thrombosis, A retrospective study, 1st International Jordanian- Greek Medical Congress, 2000. Amman-Jordan.
 10. Detecting the Frequency of Platelets Disorders Using BioData Aggregometer, 11th Scientific day of Nursing, 2000. Amman-Jordan.
 11. Analysis of Blood Samples With *Plasmodium-Falciparum* Malaria Using Sysmex Cell Counter K-1000.
The Eighth Arab Conference of clinical Biology, The First Jordanian Jordanian Conference of Medical Laboratory Sciences. 1997. Amman-Jordan.
 12. Attended and Participation in the Third Scientific Day for Allied Health Professions 23-24 May 2000, Royal Medical Services .
 13. Comparison of Indirect Diagnostic Methods for Hypolactasia and Lactose Malabsorption , The 2nd International Conference of Royal Jordanian Medical Services. 2003
 14. Non- Invasive Diagnosis of Lactose Malabsorption , 8th congress of B.M.M.C.Romania. 2003
 15. Co-Inheritance of α and β -Thalassemia effect on Phenotype, the 3rd International Conference of the Royal Medical Services in Collaboration with the Royal College of Physicians of London, 5th-8th April 2006, Amman-Jordan
 16. Prevalence of Bleeding Disorders Caused by Platelets Dysfunction. The 3rd International Conference of the Royal Medical Services in Collaboration with the Royal College of Physicians of London, 5th-8th April 2006, Amman-Jordan
 17. Thalassemias and Hemoglobin Variants Diagnosed at King Hussein Medical Center, accepted for publication Original Article, Journal of the Royal Medical Services 5th of April, 2007. Amman-Jordan.
 18. Folic Acid Treatment of Hyperhomocysteinemia in Dialysis Patients. The 16th Scientific day for Nursing and Allied Health Professions. 23-4-2007, King Hussein Medical Center. Amman-Jordan.
 19. Attended the 4th National Symposium of Hemophilia Care Organized by The World Federation of Hemophilia .Amman –Jordan 11 July 2006.
 20. Attended the 4th National Symposium of Hemophilia Care Organized by The World Federation of Hemophilia .Amman –Jordan 1 July 2007.
 21. XXIst Congress of the international Society on Thrombosis and Homeostasis, Geneva –July 6-12,2007.
 22. Prenatal dignosis at King Hussein Medical Center: A two year experience at cytogenetic and molecular genetics lab. The 2nd Arab International Fetomaternal Medicine Congress In Collaboration with The Feta Medicine Foundation. 1-3 May 2008 LE ROYAL HOTAL, Amman-Jordan.
 23. Molecular Characterization of Beta-Thalassemia: Two years Experience at Princess Iman Research and Laboratory Sciences Center. The 4th International Conference of the Royal Medical Services, 12-15 May 2008, Le Royal Hotel, Amman-Jordan.
 24. Inherited bleeding disorders –a 14 year retrospective study, accepted for publication Original Article, American Society for clinical Laboratory Science Journal, July 3,2008.

25. Screening Test for Detection of Urinary Tract Infection: Evaluation of the Urinary Leukocyte Esterase Dipstick Test. Research Article, TAF Preventive Medicine Bulletin Journal, 7(3):187-190,2008.
26. Subtypes of Alpha Thalassemia Diagnosed at a Medical Center in Jordan, accepted for publication Original Article. TAF Preventive Medicine Bulletin journal. TAF Prev Med Bull. 2008; 7(5): 373-376
27. 3rd JSP International Conference 2008, 2nd Hellenic- Jordanian Pathology Congress, Jordanian Molecular Pathology Group, Molecular Pathology Group European Society of Pathology , Jordan Society for Medical Laboratory Sciences, Radissin SAS November 5th-8th 2008, Amman-Jordan.
28. Retrospective Analysis of Sickle cell Anemia by HPLC Diagnosed at Princess Iman Research and Laboratory Sciences Center over Five Years, The 17th Scientific day for Nursing and Allied Health Professions on 22-4-2009
29. Prenatal Diagnosis of Beta- Thalassemia by Chorionic Villous Sampling (Experience at Princess Iman Research and Laboratory Sciences Center). The 5th International Conference of the Royal Medical Services, 3-6 May 2010, King Hussein Bin Talal Convention Center, Dead Sea-Jordan.
30. Hemoglobin H Disease, Associated with Alpha 2 Globin Gene Poly Adenylation (AATAAA-AATAAG) Mutation (Three Years Experience at Princess Iman Research and Laboratory Sciences Center). The 5th International Conference of the Royal Medical Services, 3-6 May 2010, King Hussein Bin Talal Convention Center, Dead Sea-Jordan.
31. Beta thalassemia diagnosed by HPLC (High performance liquid chromatography) Six Years Experience at Princess Iman Research and Laboratory Sciences Center. The 18th Scientific Day for Nursing and Allied Health Professions on 17-5-2011, Royal Medical Services, Amman –Jordan.
32. Prenatal Diagnosis for Beta Thalassemia Three Years Experience at Princess Iman Research and Laboratory Sciences Center, Second Emirates Hematology Conference 8-10 March 2012, Abu Dabi, United Arab Emirates .
33. Spectrum of Beta –Thalassemia and other Hemoglobinopathies over Six Years Experience at Princes Iman Research and Laboratory Sciences Center in Jordan, 6th International Conference of the Royal Medical Services, 19-22 Nov 2012, King Hussein Bin Talal Convention Center, Dead Sea-Jordan.
34. Attended the 3rd International Jordanian Conference of Jordan Society for Medical Laboratory Sciences, titled (Medical Labs : Promising Horizons) and held at Landmark Hotel- Amman in Collaboration with the International Federation of Clinical Chemistry and Laboratory Medicine and the Arab Federation of Clinical Biology on 23-25 March 2013. Amman- Jordan.
35. Attended the 25th Annual Congress of the Arab Division of the International Academy of Pathology and the 5th International Conference of the Jordanian Society of Pathologists, 7-9 November 2013 Amman-Jordan.
36. Attended the 5th International Jordanian Congress of Allergy and Immunology Collaboration with European Academy of Allergy and Clinical Immunology (EAACI), World Allergy Organization (WAO), American College of Allergy, Asthma and Immunology (ACAAI), Paediatric Rheumatology European Society (PReS), May 28-30,2014 Amman –Jordan.
37. Attended the 7th International Conference of the Royal Medical Services, 4th ICMM Pan Arab Regional Working Group Congress on Military Medicine, 4-7 November 2014, King Hussein Bin Talal Convention Center, Dead Sea-Jordan.

38. Attended the 4th International Jordanian Conference of the Jordan Society for Medical Laboratory Sciences , The 1st for the Association of Laboratory Proprietors and Medical Analysis, Landmark Hotel and Conference Center 7-9 April 2016, Amman-Jordan.
39. Attended the Free Medical Day for Allied Health Professions, Royal Medical Services 10th Feb. 2016.
40. Attended the Scientific Day For Allied Health Professions , Royal Medical Services , 11th Feb 2016.
41. APrenatal Diagnosis for Beta Thalassemia (PND) and Hemoglobinopathies The 8th International Conference of the Royal Medical Services, 15-18 November 2016, King Hussein Bin Talal Convention Center, Dead Sea-Jordan.
42. Attende to 2nd MEGMA conference on Thalassemia and other Haemoglobinopathies 11th – 12th November 2016 Le Royal Hotel Amman – Jordan .
43. Director of the 4th scientific day of Allied Health Professions Royal Medical Services Aug. 2017.
44. Attended MEDLAB MIDDLE EAST : 17th Annual Laboratory Management and Medicine Conference, at Dubai International Convention and Exhibition Center, Dubai, UAE. On February 05-08, 2018. Certificate No. 4666845.
45. Attended Training Course entitled BIORISK MANAGEMENT IN MEDICAL LABORATORIES which period held between 11-12/7/2018 NO. of training hours was 10 hours, Jordanian Expert Team for Training and Consultation.
46. Participated as Speaker (The 2nd INTERNATIONAL MEDICAL CONFERENCE on HEMOPHILIA, THALASSEMIA and SICKLE CELL DISEASES 26-27 September 2019 in Land Mark Hotel Amman –Jordan .
47. Attended the 3rd International Medical Conference on Thalassemia, Hemophilia and Sickle Cells Diseases . 11th – 12th , November 2021 Amman Jordan.
48. Attended the Conference 10th international Conference of the Royal Medical Services 7-10 March 2023, KING Hussein Bin Talal Convention , Dead Sea (JORDAN)
49. Attended Laboratories Day (Scientific Session) 2 CPD Hours Land Mark Hotel Amman Jordan 9/6/2023.
50. Attended Diagnostic Hematology Workshop , The 2nd Laboratories Day 3 CPD hours, Land Mark Hotel Amman Jordan 9/6/2023.

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