

# -Curriculum vitae

## **MUAYAD AGHALI MERZA** **Clinician and Researcher**



**Name** : Muayad Aghali Merza  
**Date & Place of Birth** : 2<sup>nd</sup> March 1974, Baghdad-Iraq  
**Address** : House: C13, Avrocity - Duhok, Kurdistan-Iraq  
Tel. 062 7615949  
Mobile: 00964 750 450 6172  
[Muayad.merza@uod.ac](mailto:Muayad.merza@uod.ac)  
[muayad\\_us@hotmail.com](mailto:muayad_us@hotmail.com)  
**Nationality** : Iraqi-Kurd  
**Gender** : Male  
**Marital Status** : Married

### **Educational background:**

<b>Primary Education</b>	1980-1986	<b>Qonatare</b> primary school – Baghdad -Iraq
<b>Secondary Education</b>	1987-1992	<b>Shahid Sader</b> secondary school – Tehran - Iran
<b>University degree</b>	1993-1999	MBChB,. University of <b>Duhok</b> /College of medicine, Duhok
<b>Higher education</b>	2004-2005	MSc, University of <b>Nottingham</b> /Faculty of Medicine and Health Sciences – Nottingham – UK.
	2007- 2011	PhD, University of Duhok in collaboration with Shahid Beheshti University of Medical Sciences, National Research Institute of Tuberculosis and Lung Disease (NRITLD)-Tehran-Iran.
	2013-2015	Subspecialty Fellowship in Infectious Diseases/Faculty of Medical Sciences, University of Duhok in collaboration with Labbafinajad Medical Complex, Shahid Beheshti University/Tehran/Iran (2013-2015)

**MSc Thesis** : **Management of Postpneumonic Empyema in Children: a 10 Year Experience**  
The thesis is submitted to Nottingham Academic Staff Committee in partial fulfillment of the requirements for the degree of MSc in Clinical Microbiology / July-2004

**PhD Thesis** : **Clinical and Molecular characterization of *Mycobacterium tuberculosis* strains isolated from patients in Duhok province, Iraqi Kurdistan.**

**Fellowship Subspecialty Dissertation: Seroclearance of HBsAg in chronic hepatitis B virus patients on lamivudine therapy: a 10 year retrospective study**

### **Areas of Expertise:**

Infectious Diseases	<b>Professional</b>
Clinical Microbiology and clinical Tuberculosis	<b>Professional</b>
General Surgery	<b>General Practitioner</b>
General Medication	<b>General Practitioner</b>
Medical administration	<b>Practitioner</b>
Emergency Health programs	<b>Practitioner</b>
Public health and staff support	<b>Practitioner</b>

**Qualifications** : **MBChB** / College of Medicine / Duhok University (1998 – 1999).  
**MSc** Clinical Microbiology / Faculty of Medicine / Nottingham University (2004-2005)  
**PhD** in Infectious Diseases / College of medicine - Duhok in collaboration with Masih Daneshvery Hospital / Mycobacteriology Research Center (MRC) -Tehran (2007 - 2011).

**Subspecialty Fellowship in Infectious Diseases**/Faculty of Medical Sciences, University of Duhok in collaboration with Labbafinajad Medical Complex, Shahid Beheshti University/Tehran/Iran (2013-2015).

**Languages spoken :** Kurdish (Mother tongue)  
Arabic  
English  
Persian

**National and International participation's, workshops and training's:**

- |  |  |
|--|--|
| <b>10-12<sup>th</sup> Dec 2001</b>                   | Duhok-Kurdistan-IRAQ, A workshop on Health Management. Organized by Dr. Enayatulla Aman, UNWHO officer in charge – Duhok sub-office.   |
| <b>28-31<sup>st</sup> Dec 2002</b>                   | Duhok-Kurdistan-IRAQ, First workshop on communicable Diseases control in Complex Emergency Situation. Organized by Dr. Chehrezad Ghazi, UNWHO acting coordinator of Northern Iraq.                 |
| <b>3-4<sup>th</sup> April 2002</b>                   | Duhok-Kurdistan-IRAQ, First Medical conference of the college of medicines. Organized by University of Duhok.  |
| <b>5-6<sup>th</sup> Sep 2003</b>                     | Baghdad-IRAQ, A workshop on child protection. Organized by ministry of health/Baghdad.   |
| <b>5-7<sup>th</sup> May 2004</b>                     | Hawler-Kurdistan-IRAQ, Second Medical conference conducted at Ministry of health conference hall.  |
| <b>16-20<sup>th</sup> Sep 2006</b>                   | Duhok-Kurdistan-IRAQ, International Classification of Diseases 10 <sup>th</sup> revision workshop.   |
| <b>20-24<sup>th</sup> Aug 2006</b>                   | Erbid-Jordan, Overview on provision of health services in Jordanian hospitals and getting information on the learning aspects in University of Science and Technology at Erbid                     |
| <b>11-14<sup>th</sup> Dec 2006</b>                   | Cairo-Egypt, Intercountry workshop on rapid response for avian and pandemic influenza: training of trainers. Organized by WHO Eastern Mediterranean Region.  |
| <b>2-17<sup>th</sup> Sep 2007</b>                    | Seoul-Korea, Training course on Health Policy and Program Management. Organized by planned population federation of Korea and the Korea international cooperation agency of the Republic of Korea. |
| <b>9-14<sup>th</sup> Jun 2008</b>                    | Tehran-Iran, Training course on Hospital Infection Control. Organized by Masih Danshveri Hospital in collaboration with WHO.   |
| <b>28<sup>th</sup> Jun – 2<sup>nd</sup> Jul 2009</b> | Gothenburg-Swden, 3 <sup>rd</sup> Congress of European Microbiologists -Federation of European Microbiological Societies (FEMS).   |
| <b>5-8<sup>th</sup> Jul 2009</b>                     | Porto-Portugal, 30 <sup>th</sup> Annual Congress - European Society of Mycobacteriology  |
| <b>11-15<sup>th</sup> Nov 2010</b>                   | Berlin-Germany, 41 Union world conference on lung health – International Union Against Tuberculosis and Lung Disease   |
| <b>14-16 Dec 2010</b>                                | Diyarbaker, Turkey- Second Mesopotamian Health Days Congress.  |
| <b>2-4 Feb 2011</b>                                  | Erbil, Kurdistan Region, Iraq-International Congress on Reform and Development of the Health Care System in Kurdistan Region-Iraq. Conference Cordinator   |
| <b>28-29 Oct 2011</b>                                | Duhok, Kurdistan Region, Iraq – Third Mesopotamian Health Days Congress. Conference coordinator  |

<b>19-20<sup>th</sup> Sep 2012</b>	Duhok-Kurdistan, the Second Scientific Conference of the Faculty of Medical Sciences, University of Duhok.
<b>15-17 May 2014</b>	Tehran-Iran, 5 <sup>th</sup> International Tehran Hepatitis Congress.
<b>03-06 July 2016</b>	37 <sup>th</sup> Annual Congress of the European Society of Mycobacteriology (ESM), Catania, Italy.
<b>26 Oct-11Nov 2016</b>	Villa Marelli Institute, Niguarda Hospital, Milano, Italy, Training course on TB management in addition to training on viral hepatitis. Furthermore, training on Fibrosan machine.
<b>26-27 Feb 2017</b>	Second International Conference for Medical Education, College of Medicine, University of Babylon
<b>28 Feb – 1 Mar 2017</b>	Medical education and accreditation training, College of Medicine, University of Kufa
<b>18 – 20 Apr 2017</b>	2 <sup>nd</sup> International Scientific Conference, University of Zakho.
<b>04-05 Aug 2017</b>	Training Workshop on Integrated System of Medical Education, College of Med, UOD in coordination with College of Med, Univ of Kufa
<b>18-22 Sep 2017</b>	San Raffaele Turro, Department of Infectious Diseases and Tropical Diseases, IRCCS Ospedale San Raffaele, Milano, Italy. Clinical traing course in human immunodeficiency viruse disease.
<b>21-24 Nov 2018</b>	Training for medical education via innovative e-technology (MediTec), Erasmus programme capacity building in the filed of higher education. Kosice, Slovakia.
<b>14-18 Jan 2019</b>	Training for medical education via innovative e-technology (MediTec)/MediTec Training, Erasmus programme capacity building in the filed of higher education. Brno, Czech Republic.

**Computer literacy** : Windows, Words, Excel, Access, Powerpoint and Internet.

**Public societies/ Membership** : \***Member of Iraqi Kurdistan Medical Association (Syndicate)**  
Registration # 1090 dated 13<sup>th</sup> Februay 2000.

**Positions and experience:-**

- 18 Sep 2017 until ---: Dean, College of Pharmacy, University of Duhok.
- October 2015: Scientic promotion from lecturer to Assistant Professor of Infectious Diseases.
- September 2015 until 08 May 2016: Acting Dean, College of Nursing, University of Duhok.
- 2015- until now: Infectious Diseases Lecturer, Internal Medicine Department, Medical School, Faculty of Medical Sciences, University of Duhok, Iraqi Kurdistan. Furthermore, Infectiologist at Azadi Teaching Hospital and Tuberculosis and Respiratory Center.
- 2013-2015: Subspecialty fellow student in Infectious Diseases
- 2011 – 2013: Infectious Diseases Lecturer, Internal Medicine Department, Medical School, Faculty of Medical Sciences, University of Duhok, Iraqi Kurdistan. Furthermore, Infectious Diseases doctor at Azadi Teaching Hospital, Infectious Diseases Unit with especial interest in viral hepatitis clinic and antibiotic prescription policy.
- 2011- until now: **Editorial board in International Journal of Mycobacteriology**
- 2016- until now: **Editorial board in Austin Liver**
- 2008-2011 clinical and research activities of PhD in NRITLD, Tehran, Iran. Contract of work with MRC, NRITLD for 1.5 year.

- **Deputy Director of Azadi General Teaching Hospital**, Duhok City, Kurdistan region-Iraq since April 2007 in addition to the original work (Clinical Microbiology).
- **Clinical Microbiologist**/Azadi hospital, Duhok City, Kurdistan region-Iraq since December 2005 – March 2007 (3 days per week)
- **Medical Officer**/ DGOH, Duhok City, Kurdistan region-Iraq from November 2005 - March 2007 (3 days per week)
- **Postgraduate (Full time) student** in Nottingham University/UK Clinical Microbiology September 2004 – September 2005  
  - A full time one year MSc study in Nottingham University
  - Two days per week (9:00 am – 5:00 pm); theory lectures
  - Three working days in PICU (Paediatrics intensive care unit)/QMC (Queen Medical Centre), Nottingham, UK
- **Medical doctor (GP) and officer (DGOH)**, Duhok City, Kurdistan region-Iraq from January 2002 – August 2004
- **Director (GP) of Malta public clinic**, Duhok City, Kurdistan region-Iraq from January 2002 – August 2004.
- **Medical doctor and health & nutrition inspector** in ELS (S3) organization (NGO) for a 20 months period (2 days work per week), since 03/02/02.
- **Medical doctor (GP)** in rural areas from October 2001 – December 2001.
- **Resident House Officer**, Azadi and Emergency hospitals- Duhok City, Kurdistan region from October 1999 – October 2001; two years rotational internship as a Resident House as follows:

<b>General Surgery</b>	<b>4 months</b>
<b>Internal Medicine</b>	<b>4 months</b>
<b>Obstetrics &amp; Gynecology</b>	<b>3 months</b>
<b>Pediatrics</b>	<b>3 months</b>
<b>General Casualty</b>	<b>4 months</b>
<b>ENT</b>	<b>1 month</b>
<b>Ophthalmology</b>	<b>1 month</b>
<b>Orthopedics</b>	<b>1 month</b>
<b>Renal Dialysis</b>	<b>1 month</b>
<b>CCU</b>	<b>2 months</b>
<b>Total</b>	<b>24 months - 2 Year</b>

## Publications

1. Almufty HB, Abdulrahman IS, **Merza MA**. Latent Tuberculosis Infection among Healthcare Workers in Duhok Province: From Screening to Prophylactic Treatment. Tropical Medicine and Infectious Disease. 2019 Jun;4(2):85.
2. **Merza MA**, Adham DK, Yaqo RT. Unusual recurrent skin lesions: Bazin's disease. Int J Community Med Public Health 2019;6:879-82.
3. **Merza MA**, Savo AS, Jaafer M. Risk of latent tuberculosis infection among diabetic patients in Azadi Teaching Hospital, Duhok province: a case control study. Asian J. Med. Biol. Res. 2018, 4 (2), 227-232.
4. **Merza MA**, Yousif BM, Younus MK, Omer BM, Ahmed HI. Characteristics of patients with HBeAg negative chronic hepatitis B virus infection in Duhok, Kurdistan region. Int J Res Med Sci. 2018, 6(5): 2615-2620
5. **Merza MA**, Selivany BJ, Aldoski MRN. Prevalence of Hepatitis B and C Viruses among Patients. Who Underwent Dental Interventions in a Dental Care. Units at College of Dentistry, Duhok, Kurdistan. JICJME 2017, 3(6): 1-4.

6. **Merza MA**, Savo AS, Barwari ZA, Karim S. Hepatitis C Virus Infection and the Risk of Chronic Obstructive Pulmonary Diseases in Azadi Teaching Hospital, Duhok, Kurdistan. *Scientific J Infect Dis* 2017, 1:21-25
7. **Merza MA**, Characteristics of Chronic Hepatitis B Virus. Patients Related Liver Cirrhosis in a Tertiary. Care Referral Hospital, Duhok, Iraqi Kurdistan. *J Gastroenterol Pancreatol Liver Disord* 2017. 4:1-5.
8. Mohammed RA, Salih AM, **Mirza MA**, Ismail TH, Allam AA. Prognosis of Liver Disorders in Dna Positive Hbv Patients Based on Fuzzy Soft Sets. *Science Journal of University of Zakho* 2017; 5(1): 112-119.
9. Muter Muhammed, **Merza MA**, Issa HA, Shaikhow SK. Risk Factors and Angiographic Findings in Patients with LBBB Who Underwent Coronary Angiography in Duhok Heart Center. *JMSCR* 2016;4(11):14112-14117.
10. **Merza MA**, Haji SM, Alsharafani AMH, Muhammed SU. Low prevalence of hepatitis B and C among tuberculosis patients in Duhok Province, Kurdistan: Are HBsAg and anti-HCV prerequisite screening parameters in tuberculosis control program? *IJMyco*.2016; 5(3): 313-317
11. Yadegarynia D, **Merza MA**, Sali S, Seghatoleslami ZS. Multiple intracranial tuberculomas in a post-kidney transplant patient. *Saudi J Kidney Dis Transpl.* 2016;27(1):135-8
12. Sali Si, **Merza MA**, Saadat S, Mustafa NH, Queiky F, Yadegarynia D. Seroclearance of Hbsag in Chronic Hepatitis B Virus Patients on Lamivudine Therapy: A 10 Year Experience *Glob J Health Sci*; 2015: 7(6): 101-104.
13. Sali S, Sharafi H, Alavian SH, Alavian SM, Etesam F, Salimi S, **Merza MA**, Keshvari M. Can serum level of HBsAg differentiate HBeAg-negative chronic hepatitis B from inactive carrier state? *Diagn Microbiol Infect Dis.* 2015.
14. **Merza MA**. Risk factors for multi-drug resistant tuberculosis of Afghan immigrants in a tertiary care hospitalized tuberculosis patients in Iran. *IJCR* 2015;7(1):12032-12035.
15. **Merza MA**, Hassan WM, Muhammad AS. Frequency of HBV and HCV among Patients Undergoing Elective Surgery in a Tertiary Care Referral Hospital in Duhok, Iraqi Kurdistan. *JMSCR* 2014;2(4):1810-1815.
16. Velayati AA, **Merza MA**, Frania P. Association of P2X7 gene polymorphisms with chronic hepatitis B virus infection in Duhok, Iraqi Kurdistan. *International Journal of Sciences: Basic and Applied Research (IJSBAR)* 2014;16(2): 131-137.
17. Yadegarynia D, **Merza MA**, Sali Sh, Firuzkuhi AG. A rare case presentation of oral actinomycosis. *IJMyco*; 2013; 2(3): 187-189.

18. Sali Sh, **Merza MA**, Yadegarynia D. Occupational Exposure to Blood Borne Viruses Among Healthcare Workers in a Tertiary Care Referral Hospital in Tehran. *Hepat Mon.* 2013. 13(7): e12201. DOI: 10.5812/hepatmon.12201
19. Abdullah SM, Hussein NR, Salih AM, **Merza MA**, Goreal AA, Odeesh OY, et al. Infection with *Helicobacter pylori* strains carrying babA2 and cagA is associated with an increased risk of peptic ulcer disease development in Iraq. *Arab J Gastroenterol.* 2012 Dec;13(4):166-9. doi: 10.1016/j.ajg.2012.12.001. Epub 2013 Jan 8.
20. Rosales S, Jureen P, Zalutskayae A, Skrahina A, Xu B, Hu Y, Pineda-Garcia L, **Merza MA**, et al. Drug resistance-related mutations in multidrug-resistant *Mycobacterium tuberculosis* isolates from diverse geographical regions. 2012;3:124-130.
21. **Merza MA**, Jabrial FK, Hussein NR. Intestinal obstruction secondary to primary ileocecal tuberculosis: A case report. *IJMyco*; 2012; 1(2): 96-98.
22. **Merza MA**, Salih AM. First insight into the genetic diversity of *Mycobacterium tuberculosis* strains from patients in Duhok, Iraq. *IJMyco*; 2012 (1)1: 13-20.
23. Velayati AA, Farnia P, Masjedi MR, Zhavnerko GK, **Merza MA**, Ghanavi J, et al. Sequential adaptation in latent tuberculosis bacilli: observation by atomic force microscopy (AFM). *Int J Clin Exp Med*; 2011;4(3):193-189. Epub 2011 Sep 15.
24. Sheikholslami M, Farnia P, Tabarsi P, **Merza MA**, Pooramiri MV, Mohammadi F, et al. Comparison of polymerase chain reaction single-strand conformation polymorphism with DNA sequencing to detect drug resistance of mycobacterium tuberculosis isolates. *Iranian Journal of Clinical Infectious Diseases* 2011; 6(2): 66-70.
25. **Merza MA**, Farnia P, Tabarsi P, Kazampour M, Masjedi MR, Velayati AA. Anti-tuberculosis drug resistance and associated risk factors in a tertiary level TB center in Iran: a retrospective analysis. *J Infect Dev Ctries* 2011; 5(7):511-519.
26. **Merza MA**, Farnia P, Salih AM, Masjedi MR, Velayati AA. First insight into the drug resistance pattern of *Mycobacterium tuberculosis* in Dohuk, Iraq: using spoligotyping and MIRU-VNTR to characterize multidrug resistant strains. *J Infect Public Health* 2011;4:41-47.
27. Velayati AA, Farnia P, **Merza MA**, Zhavnerko GK, Tabarsi P, Titov LP, et al. New insight into extremely drug-resistant tuberculosis: using atomic force microscopy. *Eur Respir J*; 2010;36(6):1490-1493.
28. Farnia P, Mohammad RM, **Merza MA**, Tabarsi P, Zhavnerko GK, Ibrahim TA, et al. Growth and cell-division in extensive (XDR) and extremely drug resistant (XXDR) tuberculosis strains: transmission and atomic force observation. *Int J Clin Exp Med* 2010;3:308-314.

29. **Merza MA**, Farnia P, Salih AM, Masjedi MR, Velayati AA. The most predominant Spoligopatterns of *Mycobacterium tuberculosis* isolates among Iranian, Afghan-Immigrant, Pakistani and Turkish tuberculosis patients: a comparative analysis. *Chemotherapy* 2010;56:248-257.
30. **Merza MA**, Farnia P, Masjedi MR, Ridell M. Anti-tuberculosis drug resistance in Duhok, Iraq. *Int J Tuberc Lung Dis* 2010;14:1213-1214.
31. Tabarsi P, **Merza MA**, Marjani M. Active pulmonary tuberculosis manifesting with idiopathic thrombocytopenic purpura: a rare presentation. *Braz J Infect Dis* 2010;14:639-640.
32. **Merza M**, Masjedi MR. Extensively drug-resistant tuberculosis (XDR) and extremely drug-resistant tuberculosis (XXDR): risk factors and molecular perspectives. *Iranian Journal of Clinical Infectious Diseases* 2010; 5(3):174-188.
33. Salih AM, **Merza MA**. Risk factors for multidrug resistant tuberculosis: a review. *Duhok Med J* 2010; 4(2):1-7.
34. Jafarian M, **Aghali-Merza M**, Farnia P, Ahmadi M, Masjedi MR, Velayati AA. Synchronous Comparison of *Mycobacterium tuberculosis* Epidemiology Strains by "MIRU-VNTR" and "MIRU-VNTR and Spoligotyping" Technique. *Avicenna J Med Biotechnol.* 2010 Jul;2(3):145-52.
35. **Merza M**, Farnia P, Anoosheh S, Varahram M, Kazampour M, Pajand O et al. The NRAMPI, VDR and TNF-alpha gene polymorphisms in Iranian tuberculosis patients: the study on host susceptibility. *Braz J Infect Dis* 2009; 13:252-256.
36. Varahram M, Farnia P, Anoosheh S, Kazampour M, **Merza M**, Saeif S, et al. The VDR and TNF- $\alpha$  gene polymorphisms in Iranian tuberculosis patients: The study on host susceptibility. *Iranian Journal of Clinical Infectious Diseases* 2009;4:207-213.

#### **Poster presentations (Abstracts)**

1. **Merza MA**. Genotyping of *Mycobacterium tuberculosis* isolates in the Dohuk city of Iraq using MIRU-VNTR. 2010. Presented at IUATLD, Berlin, Germany.
2. Sheikholami M, Farnia P, Seif S, Bayat M, Anoshe S, **Mirza MA**, Masjedi MR, Velayati AA. The relationship between single nucleotide polymorphism of interferon gamma receptor 1 and susceptibility to tuberculosis. 2010. Presented at ERS, Barcelona, Spain.
3. **Merza MA**, Farnia P, Salih AM, Masjedi MR, Velayati AA. The predominant Spoligopatterns of *Mycobacterium tuberculosis* isolates from Iranian, Afghan patients and its comparison to Turkey and Pakistan. 2009. Presented at FEMS, Gothenburg, Sweden.