

Curriculum Vitae

PERSONAL

Name Mohammad Ahmad Yousef Abu Lubad
Place of birth Jerash-Jordan
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EDUCATION AND ACADEMIC QUALIFICATIONS

PhD: Microbiology, Max-Planck Institute for Infection Biology/Humboldt University (Berlin, Germany) within the framework of the German Academic Exchange Service (DAAD), 2010-2013. Dissertation title “New Mechanism of Immune Evasion by Chlamydia trachomatis in Mesenchymal Stem Cells”.

MSc: Medical Laboratory Sciences, University of Jordan, Faculty of Medicine with a grade of 3.5 out of 4), 2004-2008. Thesis title: “Tumor Necrosis Factor Alpha Polymorphism and Inflammatory Bowel Disease among Jordanian Patients”

BSc: Medical Laboratory Sciences, Applied Science University, Amman-Jordan with a grade of 80.4%, 1996-2001.

High School: Jerash secondary school, 1996

SUMMARY OF EXPERTISE

- Tissue culture: Excellent skills in cells isolation, culturing, and storage
 - Histological preparations (Microtechniques); specimen dissection and staining
 - Molecular biology: nucleic acids (RNA / DNA) analysis, Restriction fragment length polymorphism (RFLP), RNA isolation, , different types of PCR; qRT-PCR, nested, touchdown, and conventional PCRs, genes knockdown by siRNA .
 - Microscopy: Immunofluorescence, Confocal microscopy, 3D-time lapse live imaging
 - Protein analysis: Immunoblotting (western blot), immunoprecipitation (IP), and Fluorescence-activated cell sorting (FACS)
 - Microbiology: isolation, culturing, and microbiological characterization and identification of Gram positive, Gram negative microorganisms, and fungal isolates.
 - Participated in the establishment of labs (physiology, histology, histopathology, and research labs) in the faculty of Medicine/ Mutah University
 - Exceptional skills in team work, problem solving, and interpersonal communication
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TRAINING

- General training on the biosafety and biosecurity standards (Argonne National Laboratory, Chicago, USA, November 14th and 15th 2019)
 - Training course at the Al Bashir Hospital, department of histopathology and cytology, Amman- Jordan February 2003.
 - Rotational training at al-Khalidi medical center, Amman-Jordan. June-September 2002
 - Training at the mid labs group, Amman-Jordan. 2001-2002.
 - Rotational training at the Princess Iman Center for Research and Laboratory Sciences, Amman-Jordan. 2000-2001.
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MANGEMENT SKILLS AND POSITIONS

- 2019-2022** Infection control trainer the Jordanian Health Care Accreditation Council (HCAC)
- 2019-2022** Chairman, Microbiology and pathology department, Faculty of Medicine, Mutah University, Mutah, Jordan.
- October-2019** Associate Professor of microbiology, department of microbiology and immunology/Mutah University, Faculty of Medicine, Mutah, Jordan
- 2014-2019** Assistant Professor of microbiology, department of microbiology and immunology/Mutah University, Faculty of Medicine, Mutah, Jordan.
- 9/2016-9/2019** Chairman, Microbiology and immunology department, Faculty of Medicine, Mutah University, Mutah, Jordan.
- 9/2016-3/2019** Chairman, infection prevention and control committee, Al-Karak governmental hospital, Jordan.
- 9/2017-7/2019** Member, international cooperation committee, Mutah University, Mutah, Jordan.
- 2015-2016** Assistant Dean for the Affairs of Basic Science, Faculty of medicine Mutah University, Mutah, Jordan.
- 4/2014-9/2017** Member, committee of faculty examination (basic sciences), Mutah University, Mutah, Jordan.

- 4/2017-9/2019** Member, committee of research laboratory development, Mutah University, Mutah, Jordan.
- 2014-2015** Member, Ethics committee , Mutah University, Mutah, Jordan.
- 9/2016-3/2019** Member, committee of higher quality council, Al-Karak governmental hospital, Jordan
- 9/2016-3/2019** Member, committee of yearly national goals for quality and health care achievement, Al-Karak governmental hospital, Jordan.
- 9/2016-3/2019** Member, committee of antibiotic stewardship, Al-Karak governmental hospital, Jordan.
- 9/2016-3/2019** Member, committee of medical waste, Al-Karak governmental hospital, Jordan.
- 2002-2010** Lab supervisor, Mutah University, Faculty of Medicine, Mutah, Jordan.
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CONFERENCES & WORKSHOPS

- 1-** Fifth International Medical Conference of the Doctors Syndicate in Karak Governorate and the Thirteenth Medical Conference of the Faculty of Medicine at Mu'tah University (7-9/2023)
- 2-** The scientific week of the faculty of science, Mutah University, 25-27/7/2022.
- 3-** Biorisk management curriculum introduction and integration event, Royal Scientific Society (Amman-Jordan), 27/28 June 2022.
- 4-** International Conference on Integrated Health Care at Mutah University, Crown plaza hotel, dead sea, Jordan, 17-18 May 2022.
- 5-** Third National Conference for Food and Drug Industry, Mutah University 26-27/5/2021 (Speaker).
- 6-** 62rd Annual Biosafety and Biosecurity Conference (October 31-November 5/2020, Birmingham, USA).
- 7-** Training on the biosafety level 3 organisms (Argon National Laboratory, Chicago, USA, October 28/2019)
- 8-** Workshop on the medical research methods in collaboration with the regional center for disease control and prevention (3 March 2020), Mutah University, faculty of medicine.
- 9-** Capacity Building in Research Methods and Ethics Workshop on: Good Health Research Practice

(GHRP)”,organized by the Regional Training Center at Institut Pasteur of Tunis, Tunisia, supported by the Tropical Diseases Research (TDR) in collaboration with WHO/EMRO (July 23 to 26, 2019 at Oceana Hotel, Hammamet-Tunisia).

- 10- Internalization and student mobility seminar (Mutah university, 7/4/2019)
- 11- Center for international migration and development alumni event (20 March 2019, Gran Hyatt Amman)
- 12- Training on antibiotic surveillance software (WHONET/GLASS) in cooperation with the world health organization, Amman, 30/9/2018-4/10/2018.
- 13- The 11th scientific conference of the faculty of medicine/Mutah university, Mövenpick, Dead sea, 15-16/4/2018.
- 14- Workshop on preparing the national plan for antibiotic resistance organisms in cooperation with the world health organization, Amman, 26-30/11/2017.
- 15- Trainer on infection control workshop for medical students at Mutah University, 10/4/2018. Karak, Jordan.
- 16- The kick off meeting for the research entitled "Analyzing spread of anthrax in farms in Pakistan and Jordan" (Amman, 23-10-2017)
- 17- Foodborne illnesses (June-2017), Karak governmental hospital, karak-Jordan, Lecturer
- 18- Bloodborn illnesses (August-2017), Karak governmental hospital, karak-Jordan, Lecturer
- 19- Standard setting in student assessment (6 March 2014, Faculty of medicine / Mu'tah University)
- 20- Toward healthy schools (Mu'tah University, 21-2-2016): H1N1, H5N1, and corona viruses-Lecturer
- 21- The second scientific day, Karak governmental hospital, karak-Jordan (24/10/2017, Speaker)
- 22- Presenter and trainer for the Jordanian expert team for training and consultation September (September 2017).
- 23- The 7th meeting of the European Society for Chlamydia Research, July 1-6, b 2012 (Amsterdam, Netherlands).
- 24- Stem Cells in Development and Disease, the Max Delbrück Center for Molecular Medicine, September 11-14, 2011, Berlin-Germany
- 25- The 5th science day of the faculty of medicine/ Mu'tah University, April 15th 2009.
- 26- The 2nd cancer research conference of the King Hussein Institute for Biotechnology and Cancer (KHIBC), October 2-3, 2009, Amman-Jordan.
- 27- The 7th Congress of the Jordanian Society of Gastroenterology, March 26-28, 2008 (Amman-

Jordan).

28- The 3rd Jordan Society for Medical Laboratory Sciences and the 2nd Hellenic-Jordanian Pathology Congress, November 5-8 /2008, Amman-Jordan

29- Antibiotic resistance and zoonosis conference (Amman, 18-10-2017)

AWARDS

- DAAD PhD Scholarship: April- 2010 to October-2013, Germany.
 - DAAD short-term Scholarship: June –July 2016, Germany.
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LANGUAGE:

- Arabic: mother tongue.
 - English: very good.
 - German: good.
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PUBLICATIONS

- 1- Mohammad A. Abu-Lubad, Munir A Abu-Helalah, Mohammad S QawaQzeh, Esra'a F Alahmad, Malak M Al-Tamimi, Mohammad K Ruba'I, Sahn H Etoom3, Rawan K Alfayoumi, Fatima E Aldaoudeyeh, Ekram A AlAbabneh, Ahlam M Al-kharabsheh, Hussam Alshraideh, The Effect Of COVID-19 Infection and Vaccination on the Menstrual Cycle among Jordanian Females. Accepted for publication in the Journal of The Egyptian Public Health Association.
- 2- Mohammad Abu-Lubad, Yaseen T. Al Qaisi, Ahmad Z. Alsarayreh, Mathhar Ahmad Abu Murad, Hussam Alshraideh. Evaluation of liver antioxidants in an induced oxidative stress in albino rat model. Jordan Journal of Biological Sciences (JJBS). Received: December 16, 2023; Revised: February 5, 2024; Accepted: February 23, 2024
- 3- Yasser Gaber, Heba M. TumAllah, Nourhan H. AbdelAllah, Wael A. Al-Zereini, Mohammad A. Abu-Lubad, Amin A. Aqel, Walid F. Elkhatib, Richard V. Goering and Ahmed M. Solima. Emergence and Genomic Characterization of a spa Type t4407 ST6-SCCmec Type

IVa Methicillin-Resistant *Staphylococcus aureus* Strain Isolated from Al-Karak Hospital, Jordan. *Medicina* 2024, 60, 295

- 4- Albatayneh E, Alabdallat Y, Kreishan E, Ayash H, Abu-Lubad M. Humoral immune response to COVID-19 infection or vaccination among celiac disease patients. *Cent Eur J Immunol*. 2022;47(3):267-274. doi: 10.5114/ceji.2022.118649. Epub 2022 Aug 17. PMID: 36817269; PMCID: PMC9896984.
- 5- Mohammad A. Abu Lubad, Wael Al-Zereini, and Munir A. Al-Zeer. γ H2AX as a indicator for DNA double-strand breaks in *Helicobacter pylori* associated chronic gastritis among Jordanian patients. *Jordan medical Journal*, will be published in September 2024.
- 6- Mohammad Abu Lubad, Munir A. Abu-Helalah, Israa F. Alahmad, Malak M. Al-Tamimi, Mohammad S. QawaQzeh, Ahlam M. Al-kharabsheh , Hamed Alzoubi, Ahmad H. Alnawafleh and Khalid A. Kheirallah. Willingness of Healthcare Workers to Recommend or Receive a Third COVID-19 Vaccine Dose: A Cross-Sectional Study from Jordan. *Infectious Disease Reports, Infect. Dis. Rep.* 2023, 15, 210–221. <https://doi.org/10.3390/idr15020022>
- 7- Mohammad A Abu Lubad , Munir A Abu-Helalah, Tahany S Al-Hajaia , Kholoud A Al-Hutaibat , Amin A Aqel, Hamed Alzoubi. COVID-19 pandemic impact on antibiotics sensitivity for *Escherichia coli* and *Klebsiella pneumoniae* from urine specimens among Jordanian patients: A retrospective study. *J Infect Dev Ctries* 2023; 17(8):1070-1075. doi:10.3855/jidc.17615
- 8- Mohammad A. Abu-Lubad Wael Al-Zereini Munir A. Al-Zeer Deregulation of the cyclin-dependent kinase inhibitor p27 as a putative candidate for transformation in *Chlamydia trachomatis* infected mesenchymal stem cells. *AIMS Microbiology*, 2023, Volume 9, Issue 1: 131-150. doi: 10.3934/microbiol.2023009
- 9- Eman Albatayneh, Yasmeen Alabdallat, Eman Kreishan, Hanin Ayash, Mohammad Abu-Lubad. Humoral immune response to COVID-19 infection or vaccination among celiac disease patients. *Cent Eur J Immunol* 2022; 47 (3)
- 10- Emad Aborajoo, Talal M. Alqaisi, Mohammad Yassin, Eyad Alqpelat, Alaa Abofaraj, Tariq Alrawajih , Hamed Alzoubi , Mohammad Abu lubad. Diabetic foot ulcer in Southern Jordan:

A cross-sectional Study of Clinical and Microbiological Aspects. *Annals of Medicine and Surgery*. Volume 76, April 2022, 103552

- 11- Mohammad A. Abu-Lubad , Ghada F. Helaly, Weliam J. Haddadin, Dua'a A. K. Jarajreh, Amin A. Aqel, and Munir A. Al-Zeer Loss of p53 Expression in Gastric Epithelial Cells of Helicobacter pylori-Infected Jordanian Patients. *International Journal of Microbiology* Volume 2022, Article ID 7779770.
- 12- Mohammad A Abu-Lubad, Ghada F Helaly, Amin A Aqel, Dua'a A Jarajreh, Ahlam M Al-kharabsheh, Seham M Abu fraijeh, Eman M Albataineh, Nedat A Alnawaiseh. Putative virulence factors of Candida species colonising asymptomatic pregnant Jordanian women. *New Zealand Journal of Medical Laboratory Science*. 75 (1) 51-56
- 13- Albataineh E, Al-Zayadneh E, Abu- Lubad M. A , Altarawneh A , Aldmour I. Determinants of Low Quality of Life in Asthmatic Adult Patients in South of Jordan. *Biomed Pharmacol J* 2020;13(3).
- 14- Mohammad A. Abu-Lubad, Hamed M. Alzoubi, Wael Al-zereini, Dua'a AK. Jarajreh, Fawzieh Alhjoog, Amin A. Aqel Methicillin-resistant Staphylococcus aureus among food handlers in Jordan: frequency, risk factors, toxigenicity and antibiotic resistance. *Rawal Medical Journal*: Vol. 45. No. 2, April-June 2020.
- 15- Hamed Alzoubil , Mohammad Abu-Lubad , Asma'a Al-Mnayyis , Anas Satari , Mohammad Alzobi , Mohammad Al Ramadneh , Dua'a Jarajreh. Effect of Electronic Cigarettes on the Carriage of Selected Organisms in the Nasal and Oral Cavity in Comparison to Tobacco Smokers and Non-smokers. *Journal of Clinical and Diagnostic Research*. 2020 Jul, Vol-14(7): DC11-DC15
- 16- Hamed Alzoubi, Nedat Alnawaiseh, Asma'a Al-Mnayyi, Mohammad Abu- Lubad, Amin Aqel and Hani Al-Shagahin. COVID-19 - Knowledge, Attitude and Practice among Medical and Non- Medical University Students in Jordan. *J. Pure Appl. Microbiol.*, 14(1), 17-24 | March 2020
- 17- Alzoubi H, Al-Mnayyis A, Al Rfoa I, Aqel A, Abu-Lubad M, Hamdan O, Jaber K The Use of 13C-Urea Breath Test for Non-Invasive Diagnosis of Helicobacter pylori Infection in

- Comparison to Endoscopy and Stool Antigen Test. *Diagnostics* (Basel). 2020 Jul 3;10(7):448. doi: 10.3390/diagnostics10070448.PMID: 32635179.
- 18- Abu-Lubad MA, Jarajreh DA, Helaly GF, Alzoubi HM, Haddadin WJ, Dabobash MD, Albataineh EM, Aqel AA, Alnawaiseh NA. Human papillomavirus as an independent risk factor of invasive cervical and endometrial carcinomas in Jordan. *J Infect Public Health*. 2020 Apr;13(4):613-618. doi: 10.1016/j.jiph.2019.08.017
- 19- Abu-Lubad MA, Alzoubi HM, Jarajreh D, Al Sawalqa AM, Amin Aqel, Eman Bataineh, and Munir Al-zeer. Analysis of *Helicobacter pylori* genotypes amongst Jordanians' dental plaque samples. *Gastroenterology Res*. 2018 Feb; 11(1): 46–51.
- 20- Eman M. Albatayneha, Nedal A. Alnawaisehb, Sameeh A. Al-Sarayreh, Yousef M. Al-saraireh, Enas M. Al-Zayadneh, Mohammad A. Abu-lobbad. Serologic Screening of Celiac Disease in Patients With Type 1 Diabetes.. *J Endocrinol Metab*. 2018 8 (2-3). 37-42.
- 21- Eman M. Albataineh, Nedal A. Alnawaiseh, Enas Al-Zayadneh, Rashed Al-amer, Nasser Kaplan and Mohammad A. Abu-lobbad.. The Relationship between *Helicobacter pylori* (*H. pylori*), Atopy and Allergic Diseases. *JJBS* 2017 Oct ; 11 (2): 123 – 128.
- 22- Abu-Lubad MA, Alzoubi HM, Jarajreh D, Al Sawalqa AM, and Munir Al-zeer Molecular Epidemiology of *Helicobacter pylori* in Dental Plaque among Jordanians; A Probable Source for Infection and Treatment Failure. *Journal of Pure and Applied Microbiology* 11(1):09-14 · 20 Feb 2017.
- 23- Al-Zeer MA, Xavier A, Abu Lubad M, Sigulla J, Kessler M, Hurwitz R, Meyer. TF. *Chlamydia trachomatis* Prevents Apoptosis Via Activation of PDPK1-MYC and Enhanced Mitochondrial Binding of Hexokinase II. *EBioMedicine*. 2017 Sep;23:100-110.
- 24- Abu-Lubad M, Meyer TF, Al-Zeer MA. *Chlamydia trachomatis* Inhibits Inducible NO Synthase in Human Mesenchymal Stem Cells by Stimulating Polyamine Synthesis. *J Immunol*. 2014 Sep 15; 193(6):2941-51.
- 25- Al-Zeer MA, Al-Younes HM, Lauster D, Abu Lubad M, Meyer TF (2012). Autophagy

restricts *Chlamydia trachomatis* growth in human macrophages via IFNG-inducible guanylate binding proteins. *Autophagy*; 9(1): 50-62.

26- Al-Sbou M, Mwafi N, Lubad MA. Identification of forty cases with alkaptonuria in one village in Jordan. *Rheumatol Int*; 2012 Dec;32(12):3737-40

27- Ahram M, El-Omar A, Baho Y, Lubad MA (2009). Association between human herpesvirus 6 and occurrence of multiple sclerosis among Jordanian patients. *Acta Neurol Scand* 120(6):430-5.

28- González E, Rother M, Kerr MC, Al-Zeer MA, Abu-Lubad M, Kessler M, Brinkmann V, Loewer A, Meyer TF. *Chlamydia* infection depends on a functional MDM2-p53 axis. *Nat Commun*. 2014 Nov 13;5:5201.

29- Al-Zeer MA, Al-Younes HM, Kerr M, Abu-Lubad M, Gonzalez E, Brinkmann V, Meyer TF. *Chlamydia trachomatis* remodels stable microtubules to coordinate Golgi stack recruitment to the chlamydial inclusion surface. *Mol Microbiol*. 2014, Oct 15. ;94(6):1285-97.

Manuscripts in preparation:

Tumor Necrosis Factor-Alpha Polymorphism and Inflammatory Bowel Disease among Jordanian Patients.

Master Students Examination Committee:

- 1- The parental knowledge and attitudes regarding pediatric antibiotic use and misuse in Jordan (March 20/2023)

- 2- Seasonal Influenza Vaccine During Pregnancy: Uptake, Knowledge, Attitudes and Perceptions in Al-Karak Governorate, Jordan (January 2023)
- 3- Knowledge, Attitude, and Practice of Infection Control Measures Among Healthcare Workers at Private and Public Hospitals (2022).
- 4- Evaluation of Quality Control in Foreigners Testing Laboratories (2021).

REFERENCES:

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