



Curriculum vitae

Name: Ahed Jumah Mahmoud Al-Khatib.

Sex: Male

Material status: Married with nine children.

Date of birth: 29-9-1964

Place of birth: Ramallah

Nationality: Jordanian

Qualifications:

- Doctor of philosophy, Cambell University, 2011.
- Master of Science, McFord University, 2004.
- Bachelor degree, Faculty of Medicine, Medical technology, Jordan University of Science and Technology, 1989.

Experiences:

- Medical Technologist: Modern Medical Laboratories, Irbid. 1989 -1990.
- Private teaching: 1990- 10/8/1993.
- Oral histopathology laboratory technologist, faculty of dentistry 14/ 8/1993-31/12/1995.

- Medical technologist with focus on immunohistochemistry and special stains, histopathology laboratory, faculty of medicine, 1/1/ 1996- 14/2/2002.
- Senior medical technologist, forensic histopathology laboratory with focus on immunohistochemistry for research purposes, 14/2/ 2002- 2012.
- Researcher at neuroscience department, 2012 up to date.
- Training consultant: I have worked as a trainer for immunohistochemistry at Monojo.
- A technical consultant at Al Nahil trading establishment, the distributor of dako in Jordan.
- Training courses: I have given training courses in immunohistochemistry, theoretical and practical aspects, for private and public sectors in Jordan, for examples, Al-bashir Hospital, Islamic Hospital and Jordan hospital.

Conferences:

- 1- The Jordanian conference of biological and medical laboratory sciences, University of Jordan, Amman-Jordan 12-13-9-2001. With a presentation under the title: optimization of immunohistochemical techniques.
- 2- Penang, Malaysia, February 24-26, 2010 ICCSB 2010: International Conference on Computational and Systems Biology. Fawzi Irshaid, Adnan Jaran, Fatiha Dilmi, Khaled Tarawneh, Raji Hadeth, and Ahad Al-khatib. Prevalence of Epstein-Barr virus latent membrane protein-1 in Jordanian patients with Hodgkin's Lymphoma and Non-Hodgkin's lymphoma. World Academy of Science, Engineering and Technology, 62: 1233- 1241, 2010.
- 3- Singapore, December 18-20, 2010: International conference in chemical and Biological engineering. Fawzi Irshaid, Fatiha Dilmi, Khaled Tarawneh, Raji Hadeth,

Adnan Jaran, and Ahad Al-khatib. Loss of P16/INK4A protein expression is a common abnormality in Hodgkin's lymphoma. World Academy of Science, Engineering and Technology 72, 221-226, 2010.

Interests:

- Scientific research in cancer, cardiovascular diseases and diabetes.
- Scientific and rational thinking to extract ideas and conclusions.
- Regulating scientific meetings and reporting the daily activities.
- Troubleshooting for scientific problems. Finding proper solutions for peer conflicts.
- Leadership of research team including:
 - Forming research team of several specialties.
 - Coordinating the various duties among the research team members.
 - Gathering data and organizing ideas into articles.

Current projects of interest

- 1- Studying molecular aspects of diabetes on brain level in view of previous findings in which I found geographical localization and variation in expression of iNOS in brain tissue. This observation led to developing a study of diabetes in brain using various biomarkers to investigate how to find the proper interventional biomarkers for neuropathic effects of diabetes.
- 2- Constructing a new model on cellular level to explain the relationship between genetic and environment.

- 3- Exploring a new mechanism to explain the negative effects resulting from using dental materials on mouth lesion.
- 4- Studying the untraditional role of microbes on modern medicine such as cardiac diseases and violence.
- 5- Studying how adult stem cells can be triggered to travel to injured areas within the tissue to induce healing of complicated diseases such as diabetes, hepatopathology and renal failure.
- 6- Invention of minilab and to be included in mobile phones so that important readings for blood cells and chemistry will be obtained and recorded.
- 7- Developing an innovating technology to study biomarkers in vivo while animals are still alive to understand better pathogenesis of diseases such as tumors and cardiac diseases.
- 8- Studying the relationship between vitamin D and Autism, molecular study.
- 9- Studying the relationship between lead exposure and anemia among pregnant women.
- 10- Studying the relationship between metformin therapeutic response and polycystic ovary syndrome, molecular study.
- 11- Studying the effect of ionizing radiation (ultraviolet) using animal models.

International teams:

- An invitation to join international team to explore the possibility of discovering new treatment for Alzheimer's disease.
- An invitation to join international team to explore the possibility of discovering new kit or technology to find how to get quick, reliable,

sensitive and cost effective diagnostic kit for nasopharyngeal Staphylo
coccus aureus.

Languages:

High skills in Arabic and English: speaking, writing and talking.

Publications

- 1- Shidaifat, Falah, Shoter, Ali, Al-Katib, Ahed. Immunohistochemical localization of activin-A and follistatin in goat follicles. Parent session follicular development.
- 2- Muhammed Al-Jarraha, Ismail Matalaka, Hasan Al Aseri, Alia Mohtaseb, Irina V Smirnova, Lesya Novikova, Lisa Stehno-Bittel, Ahed AlKhateeb. Exercise Training Prevents Endometrial Hyperplasia and Biomarkers for Endometrial Cancer in Rat Model of Type 1 Diabetes. *J Clin Med Res* • 2010; 2(5):207-214.
- 3- Fawzi Irshaid, Adnan Jaran, Fatiha Dilmi, Khaled Tarawneh, Raji Hadeth and Ahad Al-Khatib. Prevalence of Epstein-Barr Virus Latent Membrane Protein-1 in Jordanian Patients with Hodgkin's Lymphoma and Non-Hodgkin's Lymphoma. *Journal of Biological Sciences*. 10 (6): 507-513, 2010.
- 4- Ahmad Boran , Ali Shotar , Ahed Khatib , Mohammad Hamza , Mumen S. Hadidi and Virginia Rice. Patterns of Cotinine Excretion among Diabetic, Cardiac Patients and Healthy Smokers in Jordan. *Research Journal of Biological Sciences*. 2010; 5 (7): 476-483.
- 5- Mohammad Jamous, Adeeb Al-Zoubi, Mohamad Nidal Khabaz, Rana Khaledi, Mohammad Al Khateeb, and Zaid Al-Zoubi. Purification of Mouse Bone Marrow-Derived Stem Cells Promotes Ex Vivo Neuronal Differentiation. *Cell Transplantation*, Vol. 19, pp. 193–202, 2010. Implies especial thank for Mr. Ahed Alkhatib for immunohistochemistry part.
- 6- Muhammed Al-Jarrah, Mohammed Jamous, Yousef Al Hamadi, Ahed Al-Khateeb. The protective role of endurance exercise training against oxidative damage in the brain of rats with induced diabetes. *European Journal of Physical and Rehabilitation Medicine*. Vol. 46 - Suppl. 1 to issue No. 2.
- 7- Fawzi Irshaid, Fatiha Dilmi, Khaled Tarawneh, Raji Hadeth, Adnan Jaran and Ahad Al-Khatib. Loss of P16/INK4A Protein Expression is a Common Abnormality in Hodgkin's Lymphoma. *International Journal of Biological and Life Sciences* 5:4 2009.
- 8- Ilham T Qattan, Waleed. H. Omer, Samar A. Bereagesh, Kennan M. Kabbani. Ahed J Alkhatib, Abdul-Aziz A. AlGhaithy, Baker B. Sadeque, David J. Brown, Vincent C. Emery, Cross-sectional study of IL28B polymorphisms amongst Saudi Arabian and British HCV patients. *European Scientific Journal*, 2012; 8(27): 1857 – 7881.
- 9- Muhammed Al-Jarrah, Mohammed Bani Ahmad, Ahed Al-Khatib, Irina Smirnova, Lesya Novikiva, Lisa Stehno-Bittel. Effect of Exercise Training on the Expression of p53 and iNOS in the Cardiac Muscle of Type I Diabetic Rats. *J Endocrinol Metab*, 2012; 2(4-5):176-180.
- 10- Ilham T. Qattan, Nick J. Beaumont, David J. Brown, Justin J. Hsuan, Vincent C. Emery, Geoffrey M. Dusheiko. Analysis of the plasma proteome of patients with

chronic hepatitis c infection undergoing treatment with interferon alpha and ribavirin: a pilot study. European Scientific Journal November edition vol. 8, No.27 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431. This study implies especial thanks for reviewing and editing this article.

11- Ahed Al-khatib. Co-expression of inos and hsp70 in diabetes type 1 makes a rational hypothesis to explain the diabetic neuropathy. European Scientific Journal January 2013 edition vol.9, No.3 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431.

12- Ahmad M Boran, Nabil A Al-Bashir, Ahed J Al-Khatib, Ilham T Qattan, Saud A Alanazi, Adnan M Massadeh. investigating the relationship between mental retardation and lead intoxication. European Scientific Journal February 2013 edition vol.9, No.6 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431.

13- Ahed J Al-Khatib, Majdi Al-Alawneh. exploring the relationship between the infection of c.pneumoniae and coronary artery disease. European Scientific Journal February 2013 edition vol.9, No.6 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431.

14- Othman Ali M. Al Shehri, Ayedh Saud AlHarthi, Ahed J. Al-Khatib. patterns of creativity trends among health managers in health sector of Saudi Arabia, Riyadh REGION. European Scientific Journal February 2013 edition vol.9, No.6 ISSN: 1857 – 7881 (Print) e - ISSN 1857- 7431.

15- Nayef Almutairi , Ahed Alkhatib, Ahmad Boran and Ibrahim Mubarak. The Prevalence of Physical Violence and its Associated Factors against Nurses Working At Al-Medina Hospitals. Th Social Sciences, 2013; 8(3): 265-270.

16- Fawzi Irshaid, Khaled Tarawneh, Aisha Alshdefat, Fatiha Dilmi, Raji Al-Hadithi, Adnan Jaran and Ahad Al-Khatib. The association between loss of P16 protein expression and presence of Epstein-Barr Virus in lymphoma. Iran J Cancer Prev 2013;2:78-84.

17- Al-Jarrah M, Obaidat H, Bataineh Z, Walton L, Al-Khateeb A. Endurance exercise training protects against the upregulation of nitric oxide in the striatum of MPTP/probenecid mouse model of Parkinson's disease. Neurorehabilitation (impact factor: 1.63). 01/2013; 32(1):141-147.

18- Zeid Al-Hourani, Mansour Al-Sarhani, Ahed Al-Khatib. Chromium and cobalt levels among dental technicians in the Northern Jordan. European Scientific Journal, 2103; 9(21): 124-133.

19- Ali Alsarhan, Kamal Mansi, Talal Aburjai, Ahed Al-Khatib, Muhammed Alzweiri, Naznin Sultana. HSP70 and INOS biomarkers in evaluating the healing properties of Rubia tinctorum. European Scientific Journal, 2013; 9 (15): 241-25.

- 20- Mousa H. AlShuwayeb, Ahed J. Al-Khatib. Molecular and chemical therapeutic features of *Urtica* species. *European Scientific Journal*, 2013; 9 (24): 253-261.
- 21- Nour Erikat, Ahed Alkhatib, Al-Jarrah M. Endurance exercise training attenuates the up regulation of iNOS in the skeletal muscles of chronic/progressive mouse model of Parkinson's disease. *J Neurol Res*, 2013;3(3-4):108-113.
- 22- Ahmad M. Boran, Ahed J. Al-Khatib, Bader S. Alanazi, Adnan M Massadeh. Investigation of aluminum toxicity among workers in aluminum industry sector. *European Scientific Journal*, 2013; 9 (24): 440-451.
- 23- Ayedh Saud AlHarthi, Othman Ali M. Al Shehri, Ahed J. Al-Khatib. Leadership style among middle managers in Saudi Ministry of Health. *European Scientific Journal* 2013; 9 (26): 153-175.
- 24- Ahed J. Al-Khatib , Ahmed Saber Abu-zaiton (2013). The prevalence of *Helicobacter pylori* among patients complaining from abdominal pain. *European Scientific Journal*, 9 (30): 358-363.
- 25- Nour N Erekat, Muhammed D Al-Jarrah, Ahed J Al Khatib. Treadmill Exercise Training Improves Vascular Endothelial Growth Factor Expression in the Cardiac Muscle of Type I Diabetic Rats. *Cardiology Research* 02/2014; DOI:10.14740/cr314w.
- 26- Mohammed Al, Asseri Ahed, J Al Khatib, A ' aasha, M Qasem, Abdullah Yahya Hamadi, Fatima Laiche. Molecular mechanisms associated with acute myeloid leukemia: review article. *European Scientific Journal* 12/2013; 9:422-433.
- 27- Ahed J Al Khatib, Fatima Laiche, Mohammed Al Asseiri, A ' Aesha, M Qasem, Hassan Shabi Al-Agedi. The various roles of heat shock proteins in Parkinson Disease. *European Scientific Journal* 12/2013; 9:485-498.
- 28- Ahed J Al-Khatib. Microbiological induction of acanthocytosis. *European Scientific Journal* 12/2013; 9:264-268.
- 29- Ahed J Al Khatib, Haitham M Taani, Mohammed Al Asseiri, A ' Aesha, M Qasem, Manal Kassab, Fatima Laiche. Hematological changes in prisoners with higher blood lead levels compared with general population. *European Scientific Journal* 12/2013; 9:342-347.
- 30- Ahed J AlKhatib, Murtala Muhammad, A. J. Alhassan, Ishaq.Y.Habib, Sani Y. Bala, Auwal Adamu. Exploring copper content in the environment of Kundila, Nigeria (2014). *European Scientific Journal* , 10 (21): 141-147.
- 31- Ahed J AlKhatib, Fatima Laiche, Mosleh A Alkhatatbeh, Aliyu Maje Bello, Ibrahim Ahmad Muhammad, Ya'u Sabo Ajingi, Aminu Faruk Kabara, Mustapha Garba Muhammad, Murtala Muhammad (2014). Leaf extract of *U. Pilulifera* downregulates the expression of INOs in kidneys of diabetic rats. *European Scientific Journal*, 10 (21): 302-309.

- 31- Ahed J Alkhatib, Fatima Laiche, Mosleh A Alkhatatbeh, Saleh A. Alrasheidi, Murtala Muhammad, ALiyu Maje Bello, Ibrahim Ahmad Muhammad, Ya'u Sabo Ajingi, Mustapha Garba Muhammad, Aminu Faruk Kabara (2014). *Urtica Pilulifera* upregulates the expression of heat shock protein (hsp70) in kidneys of diabetic rats. *European Scientific Journal*, 10 (21): 276-282.
- 32- Ahed J Alkhatib, Murtala Muhammad, Ishaq Y Habib, Idris M Idris, Auwal Adamu, Sani S Bala (2014). Environmental assessment of cobalt at Wudil, Kano State Nigeria. *European Scientific Journal*, 10 (21): 79-85.
- 33- Aliyu M Bello, Al'hassan M Wudil, Murtala Muhammad, Ibrahim Ahmad Muhammad, Mustapha Garba Muhammad, Ahed J Al-Khatib (2014). Toxicological effect of local/natural insecticides: seeds of *Azadirachta indica*, peels of *Citrus sinensis* and their combination on liver enzymes. *European Scientific Journal*, 10 (21): 324-333.
- 34- Ahed J Al Khatib, Ishaq Y Habib, Murtala Muhammad, Fahad I Danladi, Sani S Bala, Auwal Adamu (2014). analysis of phthalate plasticizer in Jordanian bottled waters by liquid chromatography-tandem mass spectrophotometry (lc-ms/ms). *European Scientific Journal*, 10 (18): 271-282.
- 35- Ahed J Alkhatib, A.J. Alhassan, Murtala Muhammad, Ishaq.Y. Habib, Auwal Adamu, Idris.M. Idris (2014). Tracking lead (Pb) in the environment of Jakara, Kano State, Nigeria. *European Scientific Journal*, 10 (18): 332-339.
- 36- Ahmad M Boran, Zeid Al-Hourani, Ahed J Al-Khatib, Abdulghani Zard, Murtala Muhammad, Fatima Laiche, Sani Ado Haruna, A'asha M Qasem, Mosleh A Alkhatatbeh (2014). Exploring the toxicity levels of chromium among welders. *European Scientific Journal*, 10 (15): 315-325.
- 37- Ali Alsarhan, Naznin Sultana, Ahed Al-Khatib, Mohammed Rafiq Abdul Kadir. Review on some Malaysian traditional medicinal plants with therapeutic properties. *Journal of Basic & Applied Sciences*, 10, 149-159.
- 38- Ahed J Alkhatib, Ahmad M Boran, Zeid Al-Hourani, Abdalrahman Al-Balwi, Murtala Muhammad, Abubakar Abdulsalam Bello, A'asha M Qasem, Mosleh A Alkhatatbeh, Auwal Adamu (2014). Occupational exposure to nickel, cadmium and copper among workers in jewelry manufacturing. *European Scientific Journal*, 10 (15): 159-169.
- 39- Fatima Laiche, Nouredin Djeblia, Ahed Alkhatib, Murtala Muhammad (2014). Exercise training upregulates the expression of hsp70 in brain of mice with induced Parkinson Disease. *Journal of Animal and Veterinary Advances*, 13 (5): 302-305.
- 40- Muhammed Al-Jarraha, Nour Erekatb, Ahed Al Khatib (2014). Upregulation of Vascular Endothelial Growth Factor Expression in the Kidney Could Be Reversed Following Treadmill Exercise Training in Type I Diabetic Rats. *World J Nephrol Urol*, 3(1):25-29.

41- Nour Erekat, Ahed Al-Khatib, Muhammed Al-Jarrah (2014). Heat shock protein 90 is a potential therapeutic target for ameliorating skeletal muscle abnormalities in Parkinson's disease. *Neural Regeneration Research*, 9 (6): 616-621.

Accepted articles:

1- Ahed Jumah Alkhatib, Jehan Hamadneh, Geir Bjørklund, Saleh A. Alrasheidi, Shereen Hamadneh, Mahmoud Banihani, Liqaa A. Raffee, Khaled Zayed Alawneh. The role of heat shock protein 90 in human reproduction. *Research Journal of Biological Sciences* (2014).

2- Ahed J AlKhatib. *Urtica pilulifera* may be an alternative for metformin in patients with kidney disease. *Indian Research Journal of Pharmacy and Science* (2014).

3- Ahed J AlKhatib, A. J. Alhassan. The effect of extract of *U. pilulifera* on some kidney parameters of diabetic rats. *Indian Research Journal of Pharmacy and Science* (2014).

4- Ahed J AlKhatib, Ilham A AlKhatib, M. A. Sulaiman, S. M. Shuaibu, Mosleh A Alkhatatbeh, M. Abdulhadi, A. B. Maikano, Bader Salem Alanazi, Fatima Laiche. *U. pilulifera* mimics the action of metformin in lowering liver enzymes in alloxan diabetic model. *European Scientific Journal*, 10 (24), august, 2014.

5- Ahed J AlKhatib, Muhammad Syarmine Shah, Mosleh A Alkhatatbeh, Ilham A AlKhatib, A. B. Maikano, S. M. Shuaibu, M. A. Sulaiman, M. Abdulhadi, Fatima Laiche. *urtica pilulifera* ameliorates diabetic impacts through upregulation the expression of hsp70 in liver of diabetic rats. *European Scientific Journal*, 10 (24), August, 2014.

6- Ahed J AlKhatib, Wafa Samih Rawashdeh. The relationship between vitamin d deficiency with depression and addiction: review article. *European Scientific Journal*, 10 (24), August, 2014.

References:

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