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Name: Ayman Ali Mohammed Alameen.

Gender: Male.

Nationality: Sudanese.

Date and place of Birth: 1980, Rufaa, Gezeira State, Sudan.

Marital status: Married with three children.

Language: Arabic mother tongue, English well spoken and Italian.

Occupation: Assistant professor of biomedical sciences and chemical pathology.

Address: Department of Clinical Laboratory Sciences, College of Applied Medical Sciences, Jouf University, Sakaka, Saudi Arabia.

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Academic Qualification:

- Bsc Honor ship (Division 2 class 1) chemical pathology, Faculty of Medical Laboratory Sciences, University of Khartoum (1998 - 2003).
- Master degree of chemical pathology, Faculty of Medical Laboratory Sciences, University of Khartoum (2009 - 2012).

Title: Biochemical profiles in HIV/VL co-infection in Sudan.

- PhD of biomedical sciences, university of Ferrara, Italy (2013-2016).



Title: Therapeutic Potential of Targeting Enzymatic Activity of PI3K/AKT/mTOR signaling Pathway for the Treatment of Acute Lymphoblastic Leukemia.

Academic Experience:

- Part- Time Assistant professor of chemical pathology National university- Sudan since 2016 Up to date.
- Part- Time Assistant professor of chemical pathology University of Medical Sciences and Technology - Sudan since 2017 Up to date.
- Part- Time Assistant professor of chemical pathology Sudan International university- Sudan since 2017 Up to date.
- Assistant professor of chemical pathology university Of Khartoum- Sudan 2016 Up to date.
- Assistant professor of chemical pathology Jouf University- KSA- 2018 Up to date.
- Lecturer of chemical pathology university of Khartoum-Sudan 2012-2016.
- Part- Time Lecturer of chemical pathology National university- Sudan 2012-2016.
- Teaching Assistant of chemical pathology university of Khartoum 2007-2012.

Publications:

1. Abualgasim Elgaili Abdalla, Hasan Ejaz, Mahjoob Osman Mahjoob, **Ayman Ali Mohammed Alameen**, Khalid Omer Abdalla Abosalif, Mohammed Yagoub Mohammed Elamir, and Mohammed Alsadig Mousa. Intelligent Mechanisms of Macrophage Apoptosis Subversion by Mycobacterium. *Pathogens* **2020**, 9, 218; doi:10.3390/pathogens9030218.

2. Abualgasim Elgaili Abdalla, Mahjoob Osman Mahjoob, **Khalid Omer Abdalla Abosalif**, Hasan Ejaz, **Ayman Ali Mohammed Alameen**, Tilal Elsaman. Human cytomegalovirus-encoded MicroRNAs: A master regulator of latent infection. *Infection, Genetics and Evolution* 78 (2020) 104119.
3. Badr Alzahrani, Ahmed Tantawy, **Ayman AM. Alameen**. Therapeutic Potential of Toll like Receptor-9 Antagonist Oligonucleotide 2088 to Treat Carbon Tetrachloride-Induced Hepatic Fibrosis in BALB/c Mice. *Sylwan* 2020, 164, 3; 62-84.
4. Mohammed Ahmed Yagoup, Abazer Adam Taha, Akram Khalid Mubarak, Abualgasim Elgaili Abdalla, Mohammed Efatih Ournasseir, Khalid Omer Abdalla Abosalif, **Ayman Ali Mohammed Alameen**, Hasan Ejaz.. Drugs-Resistant *Pseudomonas aeruginosa* Isolated from Various Clinical Specimens in Khartoum, Sudan. *Pak. J. Med. Health Sci.* **2019**, 13(2): 441-444.
5. **Ayman Ali Mohammed Alameen**, Samwal Alobid Mohammed, Yasamin AL-Qassab, Abualgasim Elgaili Abdalla, Khalid Omer Abdalla Abosalif. Impact of Hydroxyurea Treatment on Thyroid Function Profile Among Chronic Myeloid Leukemia Patients in Khartoum Nuclear and Radiology Hospital. . *Pak. J. Med. Health Sci.* Volume 13, Issue 3, **2019**, Pages 792-794.
6. Abualgasim Elgaili Abdalla, Allam Bakheet Kabashi, Mohamed Elnour Elobaid, Nooh Mohammed Haj Hamed, Waddah Abozaid Modawyi, **Ayman Ali Mohammed Alameen**, Khalid Omer Abdalla Abosalif and Hasan Ejaz.. Methicillin and Inducible Clindamycin-Resistant *Staphylococcus aureus* Isolated from Postoperative Wound Samples. *Journal of Pure and Applied Microbiology* 2019. 13(3): 1605-1609.

7. [Risk factors associated with relapse of eyelid basal cell carcinoma: results from a retrospective study of 142 patients.](#)

Fatigato G, Capitani S, Milani D, Grassilli S, **Alameen AA**, Candiani M, Riberti C, Galasso M, Previati M.

Eur J Dermatol. 2017 May 19. doi: 10.1684/ejd.2017.3026. [Epub ahead of print]

8. [Healthy CD4+ T lymphocytes are not affected by targeted therapies against the PI3K/Akt/mTOR pathway in T-cell acute lymphoblastic leukemia.](#)

Alameen AA, Simioni C, Martelli AM, Zauli G, Ultimo S, McCubrey JA, Gonelli A, Marisi G, Ulivi P, Capitani S, Neri LM.

Oncotarget. 2016 Aug 23;7(34):55690-55703. doi: 10.18632/oncotarget.10984.

9. [The novel dual PI3K/mTOR inhibitor NVP-BGT226 displays cytotoxic activity in both normoxic and hypoxic hepatocarcinoma cells.](#)

Simioni C, Cani A, Martelli AM, Zauli G, **Alameen AA**, Ultimo S, Tabellini G, McCubrey JA, Capitani S, Neri LM.

Oncotarget. 2015 Jul 10;6(19):17147-60.

10. [Assessment of iron profile in Sudanese kidney post transplant patients - Khartoum state](#)

Shimaa Kamal Mirghani, Ekram Hamza Mohamed Babiker and **Ayman Ali Mohammed Alameen***

[DOI : 10.20959/wjpr20177-8732]

11. [The effect of Ethanolic Pulp Extract of Adansonia Digitata in hyperlipidemic experimental albino rats.](#)

Nawar Ahmed Mohammed, Tarig Mohamed Fadl Elmula and **Ayman Ali Mohammed Alameen***

[DOI : 10.20959/wjpr20177-8786]

12. [Assessment of glycosylated hemoglobin \(HBA1C\) in Post Renal Transplantation patients-Khartoum state Sudan](#)

Rania Awad Abdallah Karar, Ekram Hamza Mohamed Babiker and **Ayman Ali Mohammed Alameen***

[DOI : 10.20959/wjpr20176-8641]

13. [Effect Of L-Asparaginase In Acute Lymphoblastic Leukemia On Lipid Profile And Pancreatic Lipase](#)

Areeg Osman Alhaj and **Ayman Ali Mohammed Alameen***

European Journal of Biomedical and Pharmaceutical Sciences: 2017 Volume 4, May Issue 6

14. [Evaluation Of Plasma Beta2-Microglobulin For Early Detection Of Chronic Kidney Disease In Sudanese Patients With Hypertension And Type 2 Diabetes Mellitus - Khartoum State](#)

Reem Abdelmohssin Ali, **Ayman Ali Mohammed Alameen** and Tarig Mohamed Fadl E Imula

European Journal of Biomedical and Pharmaceutical Sciences: 2017 Volume 4, May Issue 5

15. [Assessment Of Liver Function Before And After L-Asparaginase Therapy In Acute Lymphoblastic Leukemia](#)

Asma Jahalla **and Ayman Ali Mohammed Alameen**

European Journal of Biomedical and Pharmaceutical Sciences: 2017 Volume 4, May Issue 5

16. [Assessment of Vitamin D Level in Sudanese Post Renal Transplant Patients – Khartoum State](#)

Zainab S. A. Ali, Ikram H. M. Babiker, **Ayman A. M. Alameen***, *American Journal of Medicine and Medical Sciences*, Vol. 7 No. 0, 2017, pp. 356-362. doi: 10.5923/j.ajmms.20170710.03

17. [Three hits are superior than one: multiple Akt inhibition as a new therapeutic strategy in T-ALL](#)

S Ultimo, C Simioni, A Cani, A Martelli, G Zauli, **AAM Alameen**, S Capitani, ...
Italian Journal of Anatomy and Embryology 120 (1), 73

Local & International courses:

- International Training course of Clinical Immunology for Diagnosis of Infectious Diseases & Total Quality Management, (faculty of Medicine, Suez Canal University, Egypt, 2007).
- Educational preparation course No.(42) University of Khartoum, Staff development centre from 5th February to 16th March 2008.
- PCR- HLA typing course, Institute for Medical Research-Malaysia, 2009.
- Real time PCR course UKM Malaysia 2009.
- MicroRNA: from basic research to therapeutic applications, Ferrara, 16-17 September 2013.
- Gene and cell therapy for brain diseases, Ferrara Italy, October 3-4, 2013.
- Course of Animal utilization and treatment for research (Ethics, safety and best practice) Ferrara 27-29 May 2014, Total hours 12.

Local & International workshops:

- Workshop on Leadership, (faculty of Medicine, Suez Canal University, Egypt, 2007).
- Workshop on Research methodology, (faculty of Medicine, Suez Canal University, Egypt, 2007).
- Workshop on Biostatistics, (faculty of Medicine, Suez Canal University, Egypt, 2007).
- Workshop on Total Quality Management, (faculty of Medicine, Suez Canal University, Egypt, 2007).
- Workshop on molecular techniques for detection of HIV, HCV, and HBV, (faculty of Medicine, Suez Canal University, Egypt, 2007).

Local & International conferences:

- 2th school of international brain research organization (faculty of Medicine, Suez Canal University, Egypt, 2008).
- 1th Mini school of international brain research organization (faculty of Medicine, Suez Canal University, Egypt, 2007).
- 1th Sudanese Clinical Biology Conference, Sudan, Institute if Endemic Diseases, University of Khartoum, November 2006.
- 10th Sudan Human Reproduction & Embryology Society Annual Conference 15 -16 February 2017- Corinthia Hotel Khartoum.
- 56th Annual Meeting of the Italian Cancer Society Ferrara, 11-13 September -2014.

Computer experience:

- Good dealing with Microsoft office programs (word, excel, power point).

Medical laboratory work experience:

- Medical laboratory technologist (research and laboratory unit, Ministry of Health, Khartoum teaching hospital, Sudan, (2005-2008).
- Medical laboratory technologist (Mawada specialized hospital, Khartoum, Sudan, (2006-2008).
- Medical laboratory technologist (Elhikma organization for health and social welfare, Khartoum, Sudan, (2004-2006).
- Senior Technologist Banoon IVF center 2011 -2012

Molecular biology experience:

Theoretical background:

- DNA & RNA synthesis and structure.
- Protein synthesis.

- Replication and transcription.
- Theory of PCR techniques including amplification, hybridization with different techniques.
- Real Time PCR.
- Gene mutation.

Practical background:

- DNA & RNA Extraction by different methods (phenol-chloroform, Boom's method.
- PCR technique including amplification and hybridization by different methods.
- NASBA technique.

Medical laboratory techniques experience:

Good practice with the following laboratory techniques:

- ELISA.
 - Western blotting.
 - Immunofluorescence.
 - PCR & NASBA.
 - Protein electrophoresis.
- * Most of these techniques involved in my Msc & PhD research.

Referees:

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