

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Curriculum Vitae

ABD ALKHALIG ELKHIDER MOHAMED

PERSONAL DATA:

- **Date of Birth:** 02/05/1983
- **Social Status:** Married
- **Nationality:** Sudanese
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Education:

Date Award From/To	University	Certificate
Sept 2016 – June 2019	Dalian Medical University, Dalian, Liaoning Province, China.	Doctorate of Immunology specialist in rheumatology and lung cancer.

Sept 2011 – Feb 2013	University of Medical Science and Technology, Khartoum, Sudan.	Master degree of medical laboratory science and technology, Specialist in Histopathology and Cytology.
Sept 2002 – April 2006	University of Science and Technology. Khartoum, Sudan.	Bachelor degree in medical laboratory science and Technology, Specialist in Histopathology and Cytology.

WORK EXPERIENCE:

■ May 2020 to date, National Public Health Laboratory, Ministry of Health, Khartoum, Sudan, during pandemic outbreak of COVID-19, as volunteer in all sections, specimens sorting, viral inactivation and extraction, data systems, beside, PCR investigation and interpretation of results.

■ Oct 2020 to date, Napata College, Khartoum, Sudan, as Assistant Professor at College of Medical Laboratory science, Microbiology and Immunology departments, Lecturer and researches supervisor for Masters students.

■ Sep 2016 to date, Immunology department at the Research center of Dalian Medical university and Affiliated Hospital of Dalian Medical University, Dalian, Liaoning Province, China. As online Doctoral researcher and reviewer Scientific Researcher, beside applying

experimental Rheumatoid arthritis, Cytokine therapy, Cancer genetic, molecular pathology, in addition to writing scientific papers.

■ Mar 2010 – Sep 2016, Sudan Military Hospital, Omdurman, Khartoum Sudan. As a Senior Medical Laboratory Scientist, worked in all the medical laboratory departments including; histology and cytopathology, microbiology, chemical pathology and blood banking. In addition to Management, supervising, teaching undergraduate student.

■ Sep 2014 – Sep 2016, Ibn Sina University, Khartoum, Sudan. As a lecturer, College of Medical Laboratory Science, department of histopathology, involved in lecturing and practical sessions.

■ August 2008 – August 2009, University of Kordofan, Alobied, Sudan. As a teaching assistant, College of Medical Laboratory Science department of histopathology, involved in lecturing and practical sessions.

SKILLS:

- Teaching experience
- Online teaching and course management (Moodle Learning Platform)
- Laboratory quality control
- Lab designing and witting policies
- Team work and leadership
- Overload work and work under pressure

- Statistical Analysis
- Professional Communication
- Management and Planning
- English and Arabic languages, listening, speaking, writing and reading
- Computer Applications
- Scientific Research
- Modified Research Techniques
- Writing research papers
- Research paper publication

Papers and Publications:

Abdalkhalig Elkhider, Bing Wang, Xunli Ouyang, Mahmoud AL-Azab, Williams Walana, Xiaotong Sun, Han Li, Yawei Tang, Jing Wei# & Xia Li#. Aquaporin5 (AQP5) promotes tumor migration and angiogenesis in non-small cell lung cancer cell line H1299. *Oncology letters*.

DOI: 10.3892/ol.2020.11251(SCI)

Abdalkhalig Elkhider^{1*}, Jing Wei^{1*}, Mahmoud AL-Azab^{1*}, Yawei Tang¹, Williams Walana¹, Weiping Li¹, Bo Yuan¹, Yunshan Ye¹, Guan Wang¹, Yan Zhang^{2 #} & Xia Li^{1#}. IL-34 modulates Rheumatoid Synovial Fibroblasts proliferation and migration via ERK/AKT Signaling Pathway. *Clinical and experimental rheumatology*. 2019: PMID 314980 (SCI)

Al-Azab M, Wei J, Ouyang X, **Elkhider A**, Walana W, Sun X, Tang Y, Wang B, Li X. TL1A mediates fibroblast-like synoviocytes migration and Indian Hedgehog signaling pathway via TNFR2 in patients with rheumatoid arthritis. *Eur. Cytokine Netw.* 2018; 29(1): 27-35

DOI:10.1684/ecn.2018.0405.

<https://link.springer.com/article/10.1684/ecn.2018.0405#enumeration>

Walana W, Wang J, Yabasin IB, Ntim M, Kampo S, Al-Azab M, **Elkhider A**, Dogkotenge Kuugbee E, Cheng JW, Gordon JR, Li F. IL-8 analogue CXCL8 (3-72) K11R/G31P, modulates LPS-induced inflammation via AKT1-NF- κ B and ERK1/2-AP-1 pathways in THP-1 monocytes. Hum Immunol. 2018 Aug 17. pii: S0198-8859(18)30517-2. DOI: 10.1016/j.humimm.2018.08.007.

<https://www.sciencedirect.com/science/article/pii/S0198885918305172>

Mahmoud AL-Azab*, Williams Walana^{1,3*}, **Abdalkhalig Elkhider^{1*}**, Jing Wei¹, Weiping Li¹, Yawei Tang¹, Mohammed Alshwmi¹, Haithm Mousa¹, Salah Adlat², Xia Li^{1#}, Bing Wang^{1#}Inflammatory . TL1A/TNFR2-mediated mitochondrial dysfunction of fibroblast-like synoviocytes increases inflammatory response in patients with rheumatoid arthritis via reactive oxygen species generation. FEBS Journal

DOI: 10.1111/febs.15181

Mahmoud AL-Azab*, Williams Walana^{1,6*}, **Abdalkhalig Elkhider¹**, Jing Wei¹, Weiping Li¹, Yawei Tang¹, Xiaoqing Wei², Abdullah Shopit³, Elrayah E. Abbas⁴, Salah Adlat⁵, Xia Li^{1#}, Bing Wang^{1#} . TL1A/TNFR2 axis enhances therapeutic potency of bone marrow mesenchymal stem cell by Indian Hedgehog signaling pathway. Molecules and Cell (under review).
diagnosis of the blistering diseases.

REFERENCE:

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