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Abualgasim Elgaili Abdalla Ph.D.

Assistant Professor Medical Microbiology



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Personal Information:

Full Name	Abualgasim Elgaili Elseddig Abdalla
Date and Place of Birth	01/01/1982, Alazaza, South Algezerra, Sudan.
Nationality	Sudanese
Marital Status	Married, have two daughters
Work Address	Clinical Laboratory Sciences, College of Applied Medical Sciences, Jouf University, Main campus, Sakaka, KSA.

Educational background

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- 2016** Ph.D. in Microbiology (Molecular Immunology), Southwest University, Chongqing, China.
- 2011** Master of Science in Medical Laboratory Science (Microbiology), Sudan University of Science and Technology, Sudan.
- 2006** Bachelor of Science in Medical Laboratory Sciences (Medical Microbiology) with grade (Excellent with honor), Omdurman Islamic University, Sudan.

Work Experiences

Sept 5 th , 2018 – present	Assistant Professor, Department of Clinical laboratory Sciences, College of Applied Medical Laboratory Sciences, Jouf University, KSA
Jul, 2016 – Sept 1 st , 2018	Assistant Professor department Medical Microbiology, faculty of Medical Laboratory Sciences, Omdurman Islamic University, Sudan.
Sept, 2016 – Sept, 2018	Head-department of postgraduate studies, faculty of Medical Laboratory Sciences, Omdurman Islamic University, Sudan.
2013 – 2016	PhD research fellowship, Southwest University, China.
2011 – 2013	Lecturer, Department of Medical Microbiology, faculty of Medical Laboratory Sciences, Omdurman Islamic University, Sudan.
2007 – 2011	Teaching Assistant, Department of Medical Microbiology, faculty of Medical Laboratory Sciences, Omdurman Islamic University, Sudan.

Awards and Honors

Excellent international graduate student for the year 2016, Southwest University, China.

Languages

Arabic	Mother tongue
English	Fluent

Teaching activities

Full Participation in the preparation of courses specifications, and Teaching of theory and practical for the following courses:

Basic Microbiology

Clinical Bacteriology – 1 (Pathogenic Gram-positive Bacteria)

Clinical Bacteriology -2 (Pathogenic Gram-positive Bacteria)

Clinical Virology

Immunology

Systemic Medical Microbiology

Clinical Mycology

Other Responsibilities

Member Clinical Laboratory Sciences Department council, Jouf University

Coordinator of Quality and Accreditation committee, Department of Clinical Laboratory Sciences, Jouf University

Member Quality and Accreditation unit, College of Applied Medical Sciences Jof University

Member Examinations Unit, College of Applied Medical Sciences Jof University

Member Clinical Laboratory Sciences Department council, Jof University

Member of Internal Auditing committee, Department of Clinical Laboratory Sciences, Jof University

Secretary of the Executive Committee for Health Programs accreditation, Jof University

Coordinator of Research Board, faculty of Medical Laboratory Sciences, Omdurman Islamic University.

Member of faculty of Medical Laboratory Sciences Council, Omdurman Islamic University

Personal interest

Football

Ping Pong

Reading Books & Newspapers

Research interest

- Exploring the molecular mechanisms underlying the host-pathogen interactions
- Studying the molecular mechanisms of Bacterial drug-resistance
- Understanding physiology and regulatory system of persister bacteria

Publications

Abdalla AE, Xie J, Junaid K, Younas S, Elsaman T, Abosalif KOA, Alameen AAM, Mahjoob MO, Elamir MYM, Ejaz H. Insight into the emerging role of SARS-CoV-2 nonstructural and accessory proteins in modulation of multiple mechanisms of host innate defense. *Bosn J Basic Med Sci.* 2021 Oct 1;21(5):515-527. doi: 10.17305/bjbm.2020.5543. PMID: 33714258; PMCID: PMC8381213.

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Junaid K, Ejaz H, Asim I, Younas S, Yasmeen H, **Abdalla AE**, Abosalif KOA, Alameen AAM, Ahmad N, Bukhari SNA, Rehman A. Heavy Metal Tolerance Trend in Extended-Spectrum β -Lactamase Encoding Strains Recovered from Food Samples. *Int J Environ Res Public Health.* 2021 Apr 28;18(9):4718. doi: 10.3390/ijerph18094718. PMID: 33925201; PMCID: PMC8124721.

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Junaid K, Rasool H, Ul Mustafa A, Ejaz H, Alsrhani A, Yasmeen H, Younas S, **Abdalla AE**, Abdalla Abosalif KO, Mohamed Hamam SS. Association of IL28 B and IL10 Polymorphism with HCV Infection and Direct Antiviral Treatment. *Ann Clin Lab Sci.* 2021 Jul;51(4):512-520. PMID: 34452889.

Li X, Hu T, Wei J, He Y, **Abdalla AE**, Wang G, Li Y, Teng T. Characterization of a Novel Bacteriophage Henu2 and Evaluation of the Synergistic Antibacterial Activity of Phage-Antibiotics. *Antibiotics (Basel).* 2021 Feb 9;10(2):174. doi: 10.3390/antibiotics10020174. PMID: 33572473; PMCID: PMC7916345.

Ejaz H, Ahmad M, Younas S, Junaid K, Abosalif KOA, **Abdalla AE**, Alameen AAM, Elamir MYM, Qamar MU. Molecular Epidemiology of Extensively-Drug Resistant *Acinetobacter baumannii* Sequence Type 2 Co-

Harboring blaNDM and blaOXA From Clinical Origin. *Infect Drug Resist.* 2021 May 25;14:1931-1939. doi: 10.2147/IDR.S310478. PMID: 34079303; PMCID: PMC8164867. Elsaman T, Mohamed MS, Eltayib EM, **Abdalla AE**, Mohamed MA. Xanthone: A Promising Antimycobacterial Scaffold. *Med Chem.* 2021;17(4):310-331. doi: 10.2174/1573406416666200619114124. PMID: 32560609.

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Ejaz, H., Hamam, S.S.M., Younas, S., Junaid, K., Elkholy, R.M., **Abdalla, A.E.**, Abosalif, K.O.A., Elamir, M.Y.M . Comparative Analysis of Methicillin-Resistant and Susceptible *Staphylococcus aureus* Using as a Surrogate Marker. *International Medical Journal.* 28(1) 2021,64-68.

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Ejaz H, Alsrhani A, Zafar A, Javed H, Junaid K, **Abdalla AE**, Abosalif KOA, Ahmed Z, Younas S. COVID-19 and comorbidities: Deleterious impact on infected patients. *J Infect Public Health.* 2020 Dec;13(12):1833-1839. doi: 10.1016/j.jiph.2020.07.014. Epub 2020 Aug 4. PMID: 32788073; PMCID: PMC7402107.

Abdalla AE, Mahjoob MO, Abosalif KOA, Ejaz H, Alameen AAM, Elsaman T. Human cytomegalovirus-encoded MicroRNAs: A master regulator of latent infection. *Infect Genet Evol.* 2020 Mar;78:104119. doi: 10.1016/j.meegid.2019.104119. Epub 2019 Nov 15. PMID: 31740397.

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Wang G, Li X, Zhang L, **Abdalla AE**, Teng T, Li Y. Crosstalk between Dendritic Cells and Immune Modulatory Agents against Sepsis. *Genes (Basel).* 2020 Mar 18;11(3):323. doi: 10.3390/genes11030323. PMID: 32197507; PMCID: PMC7140865.

Abdalla AE, Yan S, Zeng J, Deng W, Xie L, Xie J. Mycobacterium tuberculosis Rv0341 Promotes Mycobacterium Survival in In Vitro Hostile Environments and within Macrophages and Induces Cytokines Expression. *Pathogens*. 2020 Jun 8;9(6):454. doi: 10.3390/pathogens9060454. PMID: 32521796; PMCID: PMC7350357.

Hamam, S.S.M., Qamar, M.U., Younas, S., Almurshed, S.M., Kashafjunaid, Abosalif, K.O.A., **Abdalla, A.E.**, Elamir, M.Y.M., Ahmad, M., Ejaz, H. 2020. Emergence of extensively resistant *Acinetobacter baumannii* isolated from hospitalized patients in a tertiary care hospital. *Pakistan Journal of Medical and Health Sciences*. 14(1): 618-621.

Nzungize L, Ali MK, Wang X, Huang X, Yang W, Duan X, Yan S, Li C, **Abdalla AE**, Jeyakkumar P, Xie J. *Mycobacterium tuberculosis metC* (Rv3340) derived hydrogen sulphide conferring bacteria stress survival. *J Drug Target*. 2019 Nov;27(9):1004-1016. doi: 10.1080/1061186X.2019.1579820. Epub 2019 Mar 21. PMID: 30730218.

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Zeng J, Deng W, Yang W, Luo H, Duan X, Xie L, Li P, Wang R, Fu T, **Abdalla AE**, Xie J. Mycobacterium tuberculosis Rv1152 is a Novel GntR Family Transcriptional Regulator Involved in Intrinsic Vancomycin Resistance and is a Potential Vancomycin Adjuvant Target. *Sci Rep.* 2016 Jun 28;6:28002. doi: 10.1038/srep28002. PMID: 27349953

Abdalla AE, Lambert N, Duan X, Xie J. Interleukin-10 Family and Tuberculosis: An Old Story Renewed. *Int J Biol Sci.* 2016 Apr 27;12(6):710-7. doi: 10.7150/ijbs.13881. PMID: 27194948; PMCID: PMC4870714.

Luo H, Zeng J, Huang Q, Liu M, **Abdalla AE**, Xie L, Wang H, Xie J. Mycobacterium tuberculosis Rv1265 promotes mycobacterial intracellular survival and alters cytokine profile of the infected macrophage. *J Biomol Struct Dyn.* 2016;34(3):585-99. doi: 10.1080/07391102.2015.1046935. Epub 2015 Jul 14. PMID: 26156642.

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References

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