

Ranya El-Magzoub

Location: Arar, KSA

Languages: English | Arabic

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Professional Summary

Highly skilled Lecturer/Safety Officer with over 11 years of experience in academia and safety management. Currently pursuing a PhD in Immunology, with a Master's degree in the same field and additional qualifications in Food Safety and Quality, and Integrated Safety Program. Proven expertise in delivering lectures, supervising research projects, and coordinating academic units. Demonstrated proficiency in laboratory techniques, safety management, and data analysis. Published researcher with a strong commitment to enhancing skills through continuous learning and training.

Skills

- Biological and Chemical Laboratory Techniques
- Immunological, Microbiological, Parasitological, Biochemical, and Hematological Techniques
- Laboratory Safety Management Systems
- Data Analysis and Problem Solving
- Administrative, Management, and Leadership
- Effective Communication and Collaboration
- Scientific Communication
- MS Office, LAN Procedures, Internet Usage, Basic AutoCAD, and Graphic Software

Work Experience

Lecturer, Faculty of Applied Medical Sciences, Northern Border University, KSA, Arar 2011/01 - Present

- Delivered engaging lectures and practical sessions in immunology, nutrition immunology, quality management and safety in laboratories, significantly enhancing students' theoretical knowledge and practical skills.
- Supervised and mentored fourth-year medical laboratory students during their clinical training, ensuring high standards of professional competence.

Coordinator / Supervisor, Faculty of Applied Medical Sciences, Northern Border University, KSA, Ara 2012/12 - 2017/08

- Streamlined academic advising processes, improving student academic performance and satisfaction.
- Oversaw the supervision of medical laboratory students, enhancing the educational experience through effective coordination of academic and training activities.

Safety Officer, Northern Border University, KSA, Ara 2011/10 – 2013/12

- Implemented and enforced stringent safety measures across the Faculty of Medicine and Applied Medical Sciences laboratories to uphold high standards of quality and achieve accreditation requirements.

Coordinator for Examination Affairs, Northern Border University, KSA, Ara 2011/01 – 2012/12

- Managed all facets of examination affairs for the Faculty of Applied Medical Sciences, overseeing the entire examination lifecycle from planning to execution.
- Coordinated the scheduling, administration, and logistics of examinations, ensuring efficient and orderly conduct of all assessment activities.
- Ensured strict compliance with examination policies and regulations, while working closely with faculty and administrative staff to ensure a seamless and effective examination process.

Lecturer, Faculty of Education, Northern Border University, KSA, Ara 2009/02 - 2009/05

- Delivered lectures on vertebrate biology to second-class students and physiology to third-class students, incorporating a dynamic and comprehensive approach to teaching these complex subjects.
- Actively engaged in guiding and supervising students during practical sessions, ensuring a deep understanding of concepts through hands-on application.
- Managed the entire examination process, from the preparation and administration of tests to the acquisition and analysis of results, ensuring a thorough evaluation of student learning outcomes.

Teacher, Banat Al Ghad Private Schools for Girls 2007/03 - 2010/02

- Led instruction for intermediate and secondary level students in Science and Biology, respectively, utilizing a curriculum that balanced theoretical knowledge with practical application.
- Designed and conducted engaging practical sessions to complement theoretical learning, enhancing students' understanding and interest in scientific concepts.
- Oversaw the entire examination process from preparation through to grading and result compilation, ensuring a comprehensive and fair assessment of student knowledge and skills.

Executive Assistant / Secretary, Merowe Irrigation Project, Lahmeyer International 2004/10 - 2006/10

- Served as the Personal Assistant to the Project Manager and Secretary to the Team Leader during the design and feasibility study phases of the Merowe Irrigation Project, contributing to the strategic development of agricultural lands downstream of the Merowe Dam.
- Played a key role in administrative support, managing a comprehensive range of tasks including filing, overseeing the project library, coordinating the logistics for international professionals' movements and accommodations, handling visa applications, arranging transport, and maintaining appointment diaries.
- Executed secretarial duties with high efficiency, including supporting visiting international specialists, managing correspondence, and ensuring rigorous document control, thereby facilitating smooth operations for a design team of over 80 staff members.

Part-Time Teaching Assistant, Al-Neelain University 2002/12 - 2004/03

- Conducted comprehensive interviews and collected data for market research projects, contributing to the development of insights and strategies for clients.
- Utilized strong communication skills to engage with participants, ensuring accurate and valuable information collection.
- Analyzed and compiled data, providing support to the research team in delivering findings to stakeholders.

Interviewer, International Research Co. 2002/03 - 2002/06

- Conducted comprehensive interviews and collected data for market research projects, contributing to the development of insights and strategies for clients.
- Utilized strong communication skills to engage with participants, ensuring accurate and valuable information collection.
- Analyzed and compiled data, providing support to the research team in delivering findings to stakeholders.

Committee Memberships

- **Member**, Step by step Club (UNISCO clubs)
- **Member**, WHO Friends Circle
- **Member**, Antibody Society
- **Member**, Leishmania Research Group (SUDAN)
- **Head of Student's Extracurricular Activities Unit (Female Site)**, Faculty of Applied Medical Sciences, Northern Border University (NBU), Arar, KSA (May 2023 - Present)
- **Member of Community Service Committee**, Faculty of Applied Medical Sciences, NBU, Arar, KSA (September 2023 - Present)
- **Member of Quality Committee for Occupational Therapy programme**, Faculty of Applied Medical Sciences, NBU, Arar, KSA (September 2024 - Present)
- **Member of Security and Safety Committee**, Health Colleges, NBU, Arar, KSA (March 2022 – March 2023)
- **Member of Laboratories Committee**, Faculty of Applied Medical Sciences, NBU, Arar, KSA (January 2021 - Present)
- **Member of Exam Committee**, Faculty of Applied Medical Sciences, NBU, Arar, KSA (September 2018 - Present)
- **Member of Research Committee**, Faculty of Medicine, Applied Medical Sciences and Nursing, NBU, Arar, KSA (September 2014 - September 2015)
- **Member of Preparatory Year Internal Committee**, NBU, Arar, KSA (September 2021 – June 2022)
- **Member of Preventive Measures Committee**, Health Colleges, NBU, Arar, KSA (February 2021 - June 2022)

Courses and Workshops

- Security and Safety Facilities, (September 20-24, 2021)
- Basic and Professional Training of Trainers (PTOT), Sudan University for Sciences and Technology, (2021)
- Occupational Health and Safety Management System ISO 45001:2018, 20 hours (January 5-10, 2021)
- Environmental Management System ISO 14001:2015, 20 hours (January 14-24, 2021)
- Quality Management System ISO 9001:2015, 20 hours (December 26-30, 2020)
- Food Quality Control and Assurance, 20 hours (August 28 - September 1, 2020)
- Food Safety Management System ISO 2200, 20 hours (August 23-27, 2020)
- Hazard Analysis and Critical Control Points (HACCP) Advanced Level, 30 hours (August 16-22, 2020)
- Good Manufacturing Practice (GMP), 30 hours (August 9-15, 2020)
- Training of Trainee (TOT), 50 hours (January 2021)

Education

PhD (Doctor of Philosophy): Immunology

Al-Neelain University

M.Sc. (Master of Science): Immunology, 2007

Institute of Endemic Diseases, University of Khartoum

B.Sc. (Bachelor of Science): Biology, 2002

School of Sciences and Technology, Al-Neelain University

Publications

- Sharief AH, Khalil EAG, **Elmagzoub RM**, Omer SA. (2019). "Spectrum of Leishmania donovani infection in the Southwest of Sudan: A rapid epidemiological mapping." *Annals of Systems Biology*, 2(1): 008-011. DOI: <https://dx.doi.org/10.17352/asb.000003>
- Omer Hamed TA, Abdalshafiea M, **Elmagzoub RM**, Abdelgadir MM, Hammad MN. (2021). "In vitro Antifungal Activity of Ziziphus mauritiana Extraction Against Clinical Isolates of Candida Spp at Khartoum State." *IJFMR*, Volume 5, Issue 6, November-December 2023. DOI: 10.36948/ijfmr.2023.v05i06.9917
- Elsied MSA, Mahala SAB, Osman DM, Idris DAM, Alruwaili AG, Alruwail DM, Kara ZAA, **Elmagzoub RM** "Frequencies of BCR-ABL1 Fusion Transcripts Among Chronic Myeloid Leukaemia Patients.". *Azerbaijan Medical Journal*, 2024
- **Elmagzoub RM**, Osman DM, Elseid MSA, Kara ZAA, Idris DAM, Mahala SAB. "Antibiotic Resistance Status: Review Article. *International Journal for Research in Applied Science & Engineering Technology* 2024
- The Complex Landscape of HIV-1: Clinical Correlates, Genomic Mutations, and Evolutionary Alignments." Naqvi BST, Muhammad TN, Elseid MSA, **Elmagzoub RM**, Dinislam K, Ravshan H, Ekaterina A, Shunyaev N, Kantemir K, Valeria T, Arslan M, Anastasia K, Dmitry. *Journal of Chemical Health Risks* www.jchr.org JCHR (2024) 14(1), 2319-2332 , 2024
- Characterization of Enterotoxigenic Escherichia Coli and Staphylococcus Aureus from Fruit and Vegetable Salads Arzoo Nazir, Zeinab A A Kara, Manal S.A Elseid, **R M Elmagzoub** ,Tasneem Noor Muhammad, Aamna Shah, *Kurdish Studies*, 2024
- Combating Antimicrobial Resistance With Nanotechnology Developing New Antimicrobial Agents And Coatings Aliu Olalekan Olatunji1, Naomi Varghese, Mohit Lakkimsetti, Md Mahbubur Rahman, Munthar Kadhim Abosaoda, Dr. Waqas Ahmad, **Ranya Mohammed Elmagzoub**, Saba Nosheen, *Nanotechnology perceptions*, 2024
- Clozapine Induced Normocytic Anemia: A Rare Case Report: H Manzoor, G Gururamalingam, **RM Elmagzoub** - *African Journal of Biomedical Research*, 2024
- Navigating Liver Damage Mechanisms, Diagnosis, And Therapy Adil Jamal1, Mervat Mohammed Mazhar Abdelgadir, Aebel Joseph, Dr. Masooda Fatima, Riad A.Kouzeiha, Mohammad Yassin6 ,Manal S A Elseid, **Ranya Mohammed Elmagzoub**. *Frontiers in Health Informatics*, 2024
- Exploring nutritional status & late post-transplant anatomical changes in patients with chronic kidney disease: a comprehensive analysis, Areeja Nasir, Dr. Atif Hussain, **Ranya Mohammed Elmagzoub**, Um-E-Habiba-U-Nisa, Dr. Elma Sibonghanoy Groenewald, Dr. Coenrad Adolph Groenewald: *The journal of population therapeutics & clinical pharmacology* , 2024
- Advances In Immunotherapy For Gynecological Cancers: Review Of Current And Emerging Immunotherapies For Ovarian, Cervical, And Endometrial Cancers: Hussam zain Aiysha Gull1, Fath Elrahman Elrasheed, Hisham Logman, Wail Elarif Sorageldin, Marian F.F. Kerolos, **Ranya Mohammed Elmagzoub**, Einas Mustafa Mudawi Ahmed, Aisha AbdelRahman Ahmed Mohamed, Gayathri Gururamalingam, *Frontiers in Health Informatics*, 2024
- An insight into the therapeutic impact of quinoxaline derivatives: Recent advances in biological activities (2020–2024) ☆ Aly M. Waseem Areej Al Bahir , **Ranya Mohammed Elmagzoub** , N.S. Abd EL-Gawaad , Mervat Mohammed Mazhar Abdelgadir , Ahmed S. Abdel-Samea Konstantinos Kossenias a , Stefan Br, Hamada Hashem, *Results in Chemistry*, 2024
- Incidence and Factors Associated with Hepatitis B Virus Infection Among Blood Donors in Sinnar State Sudan: Mawadda Talha K. Abass, Badreldin ELsonni Abdalla , **Ranya Mohammed El Magzoub**, Zeinab Alaagib Ahmed Kara, Mervat M. Mazhar& Safa Wdidi. *African Journal of Biological Sciences*, 2024
- Evaluation of vitamin D level and iron profile among anemic and apparently healthy Sudanese individual in Khartoum State in 2022- 2023. Dalia A H Alhashmi1, Wala Eldin Osman Elradi1, Elharam Ibrahim Abdallah, **Ranya Mohammed El Magzoub**, Dalia Mohammed Osman Khalfallah, Mervat Mohammed Mazhar, Manal S. A. Elseid , Sara A B Mahala, Safa A. Wdidi, Huziefa Saad Elfaki5& Marwa Mohamed: *African Journal of Biological Sciences*, 2024.
- Mapping of Myeloid Neoplasm for Sudanese patients Attended Radio and Isotope nuclear center- Khartoum from 2016 to 2020 Sally Musa1, Wala Eldin Osman Elradi1, Elharam Ibrahim AbdAllah1, Elryah I Ali, **Ranya Mohammed El Magzoub**, Dalia Mohammed Osman Khalfallah, Manal S. A. Elseid , Sara A B Mahala , Safa Wdidi, May M. Mohammed4, Huzeifa Saad Alfaki & Marwa Mohamed A. A: *African Journal of Biological Sciences*, 2024
- Transformations In Virology: A Review Of Diagnostic, Therapeutic, And Preventive Innovations Aliu Olalekan Olatunji , Mohanad Faris Raheem , Dr. Med Jeyathepan Jeyaretnam, Shahad Sabah Khalid , **Ranya Mohammed Elmagzoub**, Dr Javaid Akhtar Hashmi , Fatima Mueen, *Frontiers in Health Informatics*, 2024