

Yehia Mohamed, BPharm, PhD

Associate Professor in Immunology and Infectious Diseases

Medical Microbiology Lab. Specialist

CURRICULUM VITAE

With over 12 years of academic experience in immunology and infectious diseases, I have cultivated a dynamic and fulfilling career that bridges rigorous scientific inquiry, dedicated teaching, and active engagement in academic leadership. My professional journey has been driven by a deep commitment to advancing basic and clinical knowledge, mentoring future scientists, and contributing meaningfully to the global scientific community.

1. PERSONAL DATA

Name: Yehia Saleh Ahmed Mohamed



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2. ACADEMIC/PROFESSIONAL PARTICULARS

(a) Field of Specialization:

Major: Immunology and Infectious Diseases

Minor: Immunology of chronic viral infections, tumor immunology and immunotherapy

(b) Academic Qualifications

Degree	Awarding date	Major	Institute
Post-grade Diploma	Aug. 2020	Medical Laboratory Technologies	Anderson College, ON, Canada
PDF	2017- 2019	HIV-vaccine development and immunological monitoring of clinical trials	Jenner Institute, Nuffield Department of Medicine, Oxford University, UK
PhD	Jan. 2012	Infection, Immunity, and Inflammation	Leicester University, UK
B. Pharm	Jun. 2000	Bachelor of Pharmacy	Al-Azhar University, Cairo, Egypt

(c) Academic Honors and Awards

Award	Date	Institution
Highest faculty achiever of CPD score	2022 and 2024	Ajman University, UAE
1 st place researcher project on the UAE medical universities' level. "The 6 th Student Research Competition"	Sep 2023	American University in the UAE
Instructor of the year at College of Medicine	June 2015	IAU, KSA
1 st Place award in postgraduate poster competition	Jan 2010	Leicester University, UK

(d) Membership of Professional Organizations

Organization	Membership	Duration
GCC Association of Immunology and Rheumatology (GCC-AIR)	Acting member	2024- present
The Canadian Red Cross	Certified First Aider, CPR, and Basic Life Support	2020- 2025
The Egyptian MoHP	Licensed Medical Laboratory Specialist	March 2020 - present
Canadian Society for Medical Laboratory Specialty (CSMLS)	Licensed MLT/A	Aug 2020- present
Medical Laboratory Professionals' Association of Ontario (MLPAO)	Licensed MLT/A	Aug 2020- present
Egyptian Pharmacists Syndicate	Licensed Pharmacist	2000 - present
British Society of Immunology	Member	2010 – 2018
Saudi Society for Medical Microbiology and Infectious Diseases	Member	2013 – 2017

(e) Language Proficiency

Language	Spoken proficiency	Written proficiency
English	Professional	Professional
Arabic	Native	Native

3. CAREER DETAILS

(a) Academic Experience

Sep 2020-present Associate Professor, Preclinical-Phase Co-coordinator, and Block Director at the Department of Pathological Sciences, College of Medicine, Ajman University, UAE.

Responsibilities:

- Instructor in the basic and molecular immunology courses- MBBS and MD programs- using in-person and virtual platforms “Moodle, Zoom, MSTeam learning systems”.
- Coordinating the curriculum delivery, assessment, planning and development of Pathogenesis of Diseases (POD), Hematology/ Oncology, Musculoskeletal, and Respiratory blocks for Phase I/II- Undergraduate MBBS/ MD programs (2020- present).
- Director of Phase II of MBBS-program for the academic year 2024/2025.
- Member of the College’s External Relations and International Collaboration Committee.
- Member of the College’s Scientific Research Committee.
- Member of Ajman **University’s Social Responsibility and Community Engagement Committee (SRCEC)** (2024- present)
- Member of the Ajman University’s **Faculty Promotion Committee** (2024/2025)
- Academic advisor for a batch of the undergraduate medical students.
- The College’s representative at the Immunology Research Focus Group (IRFG) of NIH- MENA region of UAE (2020- present).
- Founder of the **CoM’s Immunology and Tissue Culture Facility**.
- Member and Advisor at the AU’s Student Counseling Committee.
- Member of the AU’s Committee for New Student Recruitment.
- Supervisor of the AU’s “Immunity & Infectious Diseases” Student Club.

Achievements:

- The first two batches of the College have been graduated in June 2024 and June 2025.
- Effective participation and preparation of the AU’s portfolio submitted for WSCUC accreditation (WSCUC Accreditation was granted to AU early in 2024)

- My **supervised** students won the 1st place (out of 29 competing projects) in the 6th annual research competition of the AUE in September, 2023.
<https://aue.ae/6th-aue-student-research-competition-american-university-in-the-emirates/>
- I initiated an international academic and scientific research collaboration (MOU) between AU and two of the top-200 universities.
- I lead the establishment of the first “Immunology and Tissue Culture Lab” facility at the College of Medicine, AU.
- I established a collaborative research project with the head of the deanship of scientific research at Dubai Medical University for girls. *Project title “Orthotopic Model versus Heterotopic Model: Implantation of Tumor Cell Lines”*
- I’m an organizing member for “THE SECOND INTERNATIONAL FORUM ON EDUCATION AND MENTAL HEALTH 2023 (IFEMH 2023)”
<https://www.ajman.ac.ae/en/ifemh-2022>
- I’m the coordinator of the College of Medicine’s research seminar series (a bi-weekly seminar presented by internal and external research scientist in the medical field).
- I applied for a major research-grant (\$450,000 total fund over 3-years) at Al-Jalilah Foundation. The proposal title is “*Targeting the regulatory immune cells as a therapeutic and prognostic marker in breast cancer*”. “*ref. number: AJF2023-132*”- Jan 2023. In collaboration with the “RAK-specialty hospital research team; Dr Hyo Jin, the Head of Image and Laboratory Unit, Consultant Pathologist.
- I’m a registered professional consultant at Ajman Emirate-Municipality, under the title: “Microbiology and Immunology-Academic Experts”.
- I’m a guest reviewer at “*the American Journal of Tropical Medicine & Hygiene, The BCI Report of Springer Nature group, **Cancer immunology and immunotherapy, Vaccine-MDPI, Health Science Reports- Wiley***”.
- Editorial Board Member of the Exploration of Immunology Journal and the European Journal of Preventive Medicine (EJPM)- Science Publishing Group since 2023
- I’m the AU’s representative and facilitator at “*Coursera Project Network*” 2022- present.
- I supervise the AU’s Immunity & Infectious Diseases (IID) Student club, **where awareness workshops and campaigns are conducted** for the AU students.

- Ajman University ranking improved from #700 to #550 on the QS global ranking during 2020- 2023-time frame, and now it is the 440th globally, **#17 in the Arab world, and #6 Nationally** in the QS ranking in 2025.
- I'm a recognized researcher in the UAE Research Map **since 2023**
<https://uaeresearchmap.ae/>
- I'm an active member of the

2019- 2020	Visiting Research Fellow, Schulich School of Medicine and Dentistry, University of Western Ontario, London Ontario, Canada
2017- 2018	<p>Postdoctoral Immunology Scientist, Jenner Institute, Oxford University, UK</p> <p><u>Responsibilities:</u></p> <ul style="list-style-type: none"> • Evaluation of the cellular immune response in the participants of two independent HIV-1 new vaccine clinical trials. • Implementation of GLP and GMP principles in vaccine design and sequencing, human tissue sampling, storing, and recording, and immunological SOPs development. • Expansion of PBMCs isolated from the participants. • Epitope mapping of HIV-1 specific peptides. • Quantification of epitope specific CD8+ T cells. • Clonal expansion of the isolated T cell lines. • Training and mentoring of junior students. • Housekeeping Rota of the immunology lab and containment level III laboratory. • Generating and updating the laboratory SOPs. • Presenting the findings at internal and external meetings. <p><u>Achievements:</u></p> <ul style="list-style-type: none"> • Partial epitope mapping of a new DNA vaccine for HIV-1. • More than 25 novel epitopes were identified and partially matched to their HLA-class I alleles. • Awarded the GLP Compliance Certificate- for the level three containment laboratory. • Accomplished the Human Tissue Act (HTA) training workshop.

	<ul style="list-style-type: none"> • Getting the experience of teaching and learning environment of Oxford University in Biological Sciences through participation in a set of small and large group teaching workshops • Data are published in the Vaccine Journal (June 2020) and in the BSI Symposium 2019, and in the Vaccine-MDPI journal.
2012- 2019	<p>Assistant Professor and Research Scientist, Department of Medical Microbiology, College of Medicine, IAU, Saudi Arabia</p> <p><u>Academic responsibilities:</u></p> <ul style="list-style-type: none"> • PBL case integration and modification • PBL group facilitation for a group of 20+ students per semester • Microbiology, Immunology and Biotechnology (MIB) courses designing and development for PharmD program • Coordinating, lecturing, instructing, and grading of MIB courses • Designing and running VLE for MIB courses using Blackboard platform • Providing technical guidance and assistance regarding practical labs, methods, the use of equipment and techniques, and the analysis of results • Ensuring the proper achievement of lab experiments by ensuring adequate materials, equipment, and lab books • Procurement of the reagents, consumables, and stationery of the department • Representing the department in the College's meeting and events • Mentoring a group of 5 students every semester to help them accomplish their graduation-research goals • Administer students' course registration, enrollment, attendance, and withdrawal using PeopleSoft and SIS platform • Member of the Clinical Diagnostic Microbiology Fellowship's accreditation committee at King Fahd University Hospital • Member of the IAU community services committee • Member of the Department's Curriculum Development committee <p><u>Research responsibilities:</u></p> <ul style="list-style-type: none"> • Leading a group of junior passionate researchers in a newly established laboratory at the IAU research center • Writing research proposals for grant applications

	<ul style="list-style-type: none"> • Manuscript writing for publication, with the help of a senior researcher in my group Conveying weekly objectives for the research assistant • Following up the progress of the graduate trainees • Budget planning and consumable restocking • Laboratory safety and sustainability <p><u>Achievements:</u></p> <ul style="list-style-type: none"> • The successful incorporation of the new problems-based learning program adapted from Monash University-Australia • Adaptation of the Medical Immunology courses to integrate the newly established PBL program for medical students • The successful participation in the evaluation and self-audit for the College of Medicine's National Accreditation in 2016 • Our departmental courses ranked as top well-constructed, managed, implemented courses in the PharmD undergraduate program • PharmD undergraduate program was self-evaluated and is currently in the process of getting the Saudi national accreditation • National accreditation for undergraduate MBBS program was successfully achieved in 2016 • Two of my coordinated courses have achieved virtuous student feedback (cumulative response > 92%), in both course evaluation and teaching skills surveys (CES and SSTS) in the academic years 2016/17 and 2018/19 • My research team was awarded three grants during 2013 – 2017, with a total amount of \$310K. • Robust record of publication in Q1 and Q2 immunology and immunotherapy journals
Nov 2011 – Aug 2012	<p>Assistant Professor- Department of Microbiology and Immunology, Al-Azhar Cairo University, Egypt.</p> <p><u>Taught courses:</u></p> <ul style="list-style-type: none"> ▪ Basic and Diagnostic Microbiology ▪ Clinical Immunology ▪ Medical Biotechnology
2007 – 2011	<p>TA and PhD Candidate, Department of Infection, Immunity, and Inflammation- College of Medicine and Biological Sciences, Leicester University, UK</p>

Jun 2003 – Oct 2007	Teaching Assistant, Department of Microbiology and Immunology, Al-Azhar Cairo University, Egypt. <ul style="list-style-type: none"> Demonstration and coaching practical modules taught by the department Assisting in tutorials, round discussion, and exam invigilation
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(b) Professional/Industrial Positions Held

1- I am a “Freelancer Immunology Research Consultant” at GLG (GLG is the World’s Insight Network of Expertise). GLG connects clients with insights from different networks of approximately 1 million experts globally.

2- I’m also a registered professional consultant at Ajman Emirate-Municipality, under the title: “Microbiology and Immunology-Academic Experts”.

(c) Administrative Positions Held

Title	Department	College	University	Country	Period
Member of the AU Social Responsibility and Community Engagement Committee	University level	University level	Ajman University	UAE	Sep 2024-present
Rep. of the CoM at the AU Promotion Committee (FPC)	University level	University level	Ajman University	UAE	AY 2024/2025
Phase II, MBBS program-coordinator	Pathological Sciences	Medicine	Ajman University	UAE	AY 2024/2025
Pathogenesis of Diseases Block-director	Pathological Sciences	Medicine	Ajman University	UAE	Sep 2020-2025
Head of the Tissue Culture Facility	Pathological Sciences	Medicine	Ajman University	UAE	Sep 2020-present
Member of the College Research Committee (CRC)	Pathological Sciences	Medicine	Ajman University	UAE	Sep 2020-present
Member of College External Relations and International Collaboration Committee.	Pathological Sciences	Medicine	Ajman University	UAE	Sep 2020-present
Guest member at the AU Student Counselling Committee	Deanship of Student Affairs	NA	Ajman University	UAE	Sep 2021-2024

4. TEACHING EXPERIENCE

(a) Summary of Courses Taught

	Course Code	Course Name/ program/ university	Number of Times Taught	Student Evaluation out of 5
1	POD232	Pathogenesis of Diseases for MBBS program, Ajman University, UAE	4	Average 4.5

2	MSK351	Musculoskeletal block for MBBS program, Ajman University, UAE	4	Average 4.3
3	GIT352	Gastrointestinal block for MBBS program, Ajman University, UAE	4	Average 4.3
4	END353	Endocrinology block for MBBS program, Ajman University, UAE	4	Average 4.6
5	REP354	Reproductive block for MBBS program, Ajman University, UAE	3	Average 4.3
6	RES362	Respiratory block for MBBS program, Ajman University, UAE	3	Average 4.5
7	HEM364	Hematology and Oncology block for MBBS program, Ajman University, UAE	3	Average 4.5
8	NA	Medical Immunology for MBBS program-IAU, KSA	4	Average 4.6
9	NA	Medical Microbiology for MBBS program-IAU, KSA	4	Average 4.6
10	NA	Pharmaceutical Microbiology and Immunology for Clinical Pharmacy Program-IAU, KSA	3	Average 4.3
11	NA	Pharmaceutical Biotechnology for Clinical Pharmacy Program-IAU, KSA	3	Average 4.4
12	NA	Practical Microbiology for Biomedical Sciences Program, Leicester University, UK	3	NA
13	NA	Basic Pharmaceutical Microbiology and Immunology for Pharmacy Program, Al-Azhar University, Egypt.	1	NA
14	NA	Diagnostic Microbiology and Immunology for Pharmacy Program, Al-Azhar University, Egypt	1	NA

(b) Participation in Academic Accreditation

Program	Role	Institution	Accreditation Body	Period
Nursing Program (brand new program; just started in Sep 2023)	Consultant committee member	Ajman University	The Commission for Academic Accreditation (CAA)	Sep 2022-2024
WSCUS accreditation	Acting committee member	Ajman University	WSCUC- UAS	June 2023-2024
Pharm-D program	Acting committee member	IAU- Saudi Arabia	NCAAA	Sep 2013-Sep 2015
Pharmacy Program	Consultant-external	Faculty of Pharmacy- Al-Azhar University, Egypt	The National Authority for Quality Assurance and Accreditation of Education "NAQAAE"	2018- 2020

(c) Supervised/Trained Research Students

Level of Trainees	Number of students	Institute	period
Undergraduate students (year 6)	3	Ajman University- College of Medicine.	Sep 2023- 2025
Undergraduate students (year 4)	4	Dubai Medical College	Sep 2023- 2024
Undergraduate students (year 3)	12	Ajman University- College of Medicine.	Sep 2022- 2024
Master students	2	Jenner Institute- Oxford University	2017-2018
Arab Medical Board students	3	College of Medicine and King Fahad University Hospital- IAU	2018- 2019
PhD Candidates	1	Faculty of Pharmacy- Al-Azhar University	2012

(d) Training (CPD)

Activity	Training Institution	Country	Date/Period
The teaching profession reimagined: From classroom innovation to system-level transformation	OECD	UK	10/06/2025
Empowering Faculty to Enhance Learning	AU-TLC	UAE	20/5/2025
Advance HE Gulf Fellowship Network Forum 2025: Promoting Excellence in Higher Education Teaching	Amity University- Dubai	UAE	1/05/2025
Ajman University Revitalizing Instruction, Skills & Education (AU RISE) Strategy 2025-2027	Clicks- UAE	UAE	7/3/2025
Integrating AI Tools in Students Interactivity and Engagement Workshop	TLC- AU	UAE	5/2/2025
Reimagining Education: Leadership, Innovation, and Evolving Practices in the Era of Unprecedented Technological Advancement	Arab Teaching and Learning Consortium	UAE	28/11/2024
Curriculum mapping/aligning of AUCoM PLOs and CLOs to Emirates-MEDs Competencies, EPAs, and Skills	AUCoM	UAE	27/11/2024
Introduction to Advance HE Membership: Features and Benefits	TLC- AU	UAE	22/10/2024
Introduction to Modern Teaching Methods and Different Learning Abilities	TLC- AU	UAE	10/10/2024
Syllogistic Reasoning in Medical Education	AUCoM	UAE	27/8/2024
Best Exam Invigilation Practices	AUCoM	UAE	11/8/2024
Introduction to academic twinning program	Ajman University- Student Success Center	UAE	18/10/2023
Active learning in medical education (workshop)	Ajman University- College of Medicine	UAE	31/10/2023

Student Academic Advising Workshop	Ajman University- Student Success Center	UAE	22/8/2023
ChatGPT in Higher Education: Opportunities and Challenges	Ajman University- IT Department	Online webinar	2/6/2023
Assessment instruments in medical education	Ajman University- College of Medicine	UAE	24/2/2023
Automated student attendance reporting in class (AU Connect App)	Ajman University- IT Department	Online workshop	25/1/2023
Team Based Learning, Peer Instruction and Scholarship of Teaching and Learning in Medical Education	Ajman University- College of Medicine	UAE	13/1/2023
Self-study reporting for institutional accreditation	Center for learning innovation and customized knowledge solutions (CLICKS)	Online workshop	15/12/ 2022
Let's Jam! Statistics with Jamovi	Ajman University- College of Medicine	UAE	12/11 2022
"Strategic Planning"	Center for learning innovation and customized knowledge solutions (CLICKS)	Online workshop	22-23/11/ 2022
Plan Ahead for Academic Advisors	Ajman University- College of Medicine	UAE	16/11/ 2022
Moodle Quizzes and Online Exams Best Practices	Ajman University- IT Department	Online workshop	13/10/2022
Three paradigms in assessment: Where are you?	Organizer: Medical Education Department –CMHS- UAEU	UAE	7/10/ 2022
Banner Features & Uses	Ajman University- IT Department	Online workshop	5/10/ 2022
"Curriculum Mapping: Tool for Curriculum Alignment and Improvement"	(CLICKS)	UAE	22/9/ 2022
The role of non-technical skills in Healthcare	Dubai Medical College in collaboration with Royal college of Surgeons of Edinburgh	UAE	7/6/ 2022.
Entrustable professional activities (EPA), meet the founder	UAEU Medical Education Unite	UAE	22/3/ 2022
"Developing Life-long Learning Competencies in Undergraduate Students through Visual Thinking Strategies."	Mrs. Lynne Petersen (Academic Director, BPharm Program) and Dr. Trudi Aspden (Senior Lecturer) who are internationally recognized scholars	Online webinar	18/11/ 2021

	from University of Auckland, New Zealand		
Principles of GCP/GLP in clinical setting	NIH training website	Online training and assessment workshop	11/9/ 2021
Essential 21 st century skills in health profession education (teaching and learning)	IAU	KSA	21/1/ 2019

5. RESEARCH EXPERIENCE

(a) Research Interests

List of research interests in order of priority.

1. Tumor immunology and immunotherapy (cellular immunotherapy)
2. Tumor metastasis and progression in different laboratory animal models
3. Viral vaccine development, immunogenicity, and epitope mapping
4. Evaluation of the immunomodulatory effects of the newly introduced medications
5. Epidemiological and community-related retrospective and prospective studies

(b) Publications/Citations Data

	Type of publication	Number of publications
1	Manuscript submitted for publications	3
2	Conditionally accepted for publication	NA
3	Published articles up to June 2025	17
4	Published abstracts	6
5	Published textbooks (chapters)	2

Citation Data (Google Scholar; Accessed on June10th at 12:00 pm)

Item	All	Since 2020
<u>Citations</u>	183	131
<u>h-index</u>	9	7
<u>i10-index</u>	8	5
<u>Scopus ID</u>	54933675700	--
<u>ORCID profile</u>	https://orcid.org/0000-0002-5993-5391	--

(c) Research Grants

1. I'm the PI for a grant awarded by Ajman University's deanship of research and graduate studies for my research project with the title "Isolation and evaluation of the anti-tumor and antimicrobial potential of a group of the Red Sea's bioactive metabolites producer microorganisms" with a proposed starting date of Oct 2024.

2. I'm a Co-PI in the research project with the title "Implantation of Tumor Cell Line in Orthotopic Versus Heterotopic model: An Experimental Animal Study". This project is approved and funded by the Scientific Research Department at Dubai Medical College for girls. Ethical approval was granted on Oct 15th 2023. Ref # "IBR/DMCG/AY23-24/F 05".
3. My recent grant application is "Targeting the regulatory immune cells as a therapeutic and prognostic marker in breast cancer". The application was submitted to Al Jalila Foundation in January 2023. The requested grant budget is US\$446,000 for 3-years.
4. My recently awarded grant was in Sep 2022 for 12 months, awarded by DSRGS of Ajman University, with total fund of AED 10K, and title is "Hand-Hygiene Knowledge, Attitude, and Practice Before, Amid and Post COVID-19; A Cross Sectional Study Among the UAE's University Students".
5. In Sep 2021, my second grant was awarded for 12 months by DSRGS of Ajman University, with total amount of AED 18K, and the project title was "Morbidity and mortality outcomes of Covid-19-infection in diabetic patients; a single-center retrospective study at SKMCA and Rashed Center for Diabetes and Research".
6. At Jenner Institute, Oxford University: I've participated as a PDF with the HIV-vaccine research team, the project budget was GBP 170 for one year. The research project was an extension of multiple research studies aimed at developing and characterizing novel HIV-1 vaccine constructs.
7. I have been awarded three other grants (during 2013- 2016) at IAU, KSA with a total fund of SAR300,000 in research projects focusing on "immunotherapy of different solid and hematologic tumor types".

(d) Participation in Regional & International Conferences:

1. The 8th AU research day of CoM. A competition held at College of Medicine- AU on May 19th 2025.
2. Advance-HE Gulf Fellowship Network 1st Forum 2025. Amity University, Dubai Academic City- Dubai, UAE. May, 1st, 2025.
3. The 1st SGH Women's Health Conference 2025. Saudi German Hospital | SGH Dubai, 36 Sheikh Zayed Road, Dubai, UAE. April 13th 2025.
4. The 8th International Conference on AMR- 21- 22nd Feb 2025. Ritz Carlton Hotel, Dubai, UAE.
5. The 5th Forum for women in research (QUWA). Together innovating to Shape the future. Held in Sharjah University on Feb 21- 22, 2025.
6. The 4th International Forum on Education and Mental Health 2025 Artificial Intelligence and Academic Integrity in Education, Held at Ajman University on Feb 18-19, 2025.
7. The Second AAU International Conference on Pharmacy and Biomedical Sciences (AAU CPBS'25) and the Third AAU Health and Biomedical Postgraduate Symposium (AAU HBPS'25), Jan 22- 23rd 2025- Al-Ain University, Abu Dhabi, UAE. Participation and poster presentation.

8. The 4th Global Meeting on Diabetes and Endocrinology 25-26 Nov 2024, Bangkok- Thailand. Oral presentation about results of my research project “Diabetes-related morbidity and mortality of Covid-19 admitted patients in (Virtual Conference) SKMCA”.
<https://www.diabetes.scientexconference.com/>
9. The HealthCare Future Summit “The First Vaccination and Infectious Diseases Summit” 29 – 31 October 2024. Dubai World Trade Center. UAE. <https://hfs.ae/about-us/>
10. ADSCC 2nd BONE MARROW TRANSPLANT & CELLULAR THERAPY CONGRESS 2024. Oct 26- 27th Rixos Marina. Abu Dhabi, UAE. <https://adsc-congress.com/>
11. Participation and presentation at the “Recent Advances in Primary Immunodysregulation Disorders (RAPID) conference- Sidra Medicine, Doha, Qatar, on May 9 – 10, 2024”
<https://www.sidra.org/events-calendar/event-details/recent-advances-primary-immunodysregulation-disorders-rapid>
12. Participation and presentation at the “CDC-NIH/NIAID-MBRU Joint Conference: Research and Public Health Priorities in the MENA Region, April, 26 -27th, 2024”
<https://www.mbru.ac.ae/cdc-niaid-joint-conference>
13. Attended the 2nd Sharjah International Conference on Fasting- Feb 28- 29th 2024- Sharjah University, UAE.
<https://www.sharjah.ac.ae/en/Media/Conferences/1FR/Pages/ov.aspx>
14. Recently, I presented the results of my current study on “Morbidity and mortality outcomes of Covid-19-infection in diabetic patients; a single-center retrospective study at SKMCA and Rashed Center for Diabetes and Research” in the 3RD INTERNATIONAL CONFERENCE ON MICROBIOLOGY AND IMMUNOLOGY- DUBAI- CITY SEASON- 6-7th NOV 2023
<https://crgconferences.com/microbiology/>
15. The 6th Annual Research Competition at the AUE- Sep 11-12th 2023 at the International Academic City, Dubai. (our research team won the 1st place out of 29 competing projects in the medical discipline). <https://aue.ae/6th-aue-student-research-competition-american-university-in-the-emirates/>
16. Canada Immunization Conference (CIC)- Organized by Canadian Public Health Association, Ottawa, Canada. April 25- 27th, 2023 (delegate). <https://www.cpha.ca/cic2023-overview>
17. 2nd International Forum of Educational Mental Health (IFEMH)- Feb 23- 24th, 2023, Ajman University, UAE (organizing committee member). <https://www.ajman.ac.ae/en/ifemh-2022>
18. The 7th International Conference of the Faculty of Pharmacy, Al-Azhar University, Cairo, Egypt. 10 – 11th October, 2022. Al-Azhar Conference Center, Cairo.
19. The 5th Annual Student Research Competition of the American University of Emirates, UAE. Sep 11-12th, 2022. “As a panelist member”.

20. The 5th International Conference on Vaccines and Immunology” held during June 23-24, 2022- Virtual event organized by EuroSciCon and the Editors of Journal of Infectious Diseases & Therapy.
21. The International Conference on Quality Measures for Health Profession Education- revisiting the metrics- organized by the Gulf Medical University (GMU), UAE. Feb 25- 27th 2022.
22. Organization and a session moderation at the International Conference on student success and mental wellbeing: global perspectives on Covid-19 and its impact- Feb 8th- 9th, 2022. Ajman University Success Center & Student Counseling Center- UAE.
23. The 2nd International Online Pharmaceutical and Medical Sciences Conference (PMS-2), Cairo, Egypt in Collaboration with the Regional Office of Association of African Universities, the Egyptian Knowledge Bank, and the Advance Multiple Inc of Canada November 1-3rd, 2021.
24. MLPAO-Virtual Symposium at London Health Sciences Centre, London-Ontario, Canada, October 16th, 2021.
25. The 4th European Congress on Vaccines and Immunology- Oct 4-5th, 2021- London, UK hybrid conference. Participation and oral presentation of a research article entitled “The peptide-specificity of CD8+ T cells responding to HIV-1 molecular vaccine, lessons conveyed to Covid-19 vaccine development”
26. Immunology Research Focus Group (IRFG) virtual meeting- NIH-affiliated MENA region, oral presentation entitled: Understanding immune responses to improve vaccine design. March 9, 2021.
27. The 11th Annual Forum of Medical Research: virtual forum organized by King Abdulla International Medical Research Center, KSA & Jenner Institute, UK. Nov 4-5, 2020.
28. BSI Congress 2019, ACC Liverpool, UK, Dec 2-5, 2019. Presentation title: Mapping of HIV-1 CD8+ T-cell epitopes in East African recipients of conserved-region T-cell vaccines.
https://cdn.eventsforce.net/files/efdivra5y5642a/website/2/5432_bsi_poster_programme.pdf
29. GCCMID2018, Gulf Congress on Clinical Microbiology and Infectious Diseases, Conrad Hotel Dubai, UAE, Nov 7-10th 2018, Poster presentation entitled “Innovative HIV-1-specific CD8+ T-cell epitopes revealed in human recipients of conserved-proteome T-cell vaccine”.
30. European Oncology Convention, ExCeL, London, UK, June 5-6th 2018. Attendee and workshops participant.
31. BSI- Oxford Immunology Symposium, Mathematical Institute, Oxford University, 16-17th April 2018, Poster presentation and workshop participant.
32. Pharma middle east conference, Dubai, UAE, Nov 2nd-4th, 2015, poster presentation entitled: Tumor-specific cytotoxic T lymphocytes; a candidate for adoptive immunotherapy of hematological malignancies.
33. CRI-CIMT-EATI-AACR Inaugural International Cancer Immunotherapy Conference, Translating Science into Survival, Sheraton, Times Square Hotel, New York, USA, September 16-19, 2015.

Participation and poster presentation entitled: Immortalized HMy2/solid tumor hybridomas induce two different tumor antigen-specific T cell clones in vitro.

34. The University of Dammam Annual Scientific Research Update: The Medical and Biomedical research 2015; Conference hall, Dammam, KSA, April 5-7th 2015.
35. Third international conference on quality assurance in postsecondary education, Sheraton Dammam Hotel, Dammam, Saudi Arabia, April 27-29th 2013
36. Leicester University Postgraduate Research Festival, Leicester, UK, 16th June 2011.
37. International Conference on “Progress in Vaccination Against Cancer” (PIVAC-10) held in St. Catharine’s College, Cambridge, UK, 27–30th September 2010. Participation and poster presentation

6. PROFESSIONAL AND COMMUNITY SERVICE

(a) Membership of Institutional, National, or International Scientific Advisory Boards

Duration	Advisory scientific and professional board
2024- present	GCC Association of Immunology and Rheumatology (GCCAIR) based in Dubai
2019- present	Freelancer Scientific Consultant at GLG (GLG is the World’s Insight Network of Expertise)
2020- present	Student onboarding program (AU’s committee member)
2020- present	Conflict resolution and disciplinary action (AU’s referee member)
2020- present	Student counseling and mentoring (AU’s committee member)
2020- present	The AU international collaboration and internationalization committee (member)
2020- present	Head of the AUCom’s immunology and cell culture research center (lab establishment committee)
2020- present	Talent acquisition and search committee at College of Architect and Design at AU (external member)
2017 - 2019	Member of Macrophage/ Neutrophil Research Club of Oxford University, UK
2016- 2017	Academic adviser of PharmD program, IAU, KSA
2016 – 2017	Academic curriculum development committee, vice head, IAU
2015- 2017	Member of the postgraduate accreditation committee, Clinical Microbiology Fellowship at IAU (the fellowship has recently received CanMed accreditation), KSA
2014- 2017	Certified Tutor on Bioethics Regulations at IAU
	Responsible for training the junior researchers in the Eastern Province, KSA

2014- 2017	Member of the Eastern Province Community Health Education Committee, IAU, KSA
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(b) Membership of Conference Committees

Committee	Role	Conference	Venue	Date
Organizing	Session moderator	“THE SECOND INTERNATIONAL FORUM ON EDUCATION AND MENTAL HEALTH 2023 (IFEMH 2023)” https://www.ajman.ac.ae/en/ifemh-2022	SZC, Ajman University	Feb-2023
Organizing	Panelist judge for the Medical Research Projects	The 5 th Annual Research Competition at the AUE- Sep 11-12 th 2022 at the International Academic City, Dubai, UAE	AUE- International Academic City, Dubai	Sep 2022
Organizing	Session moderator	the International Conference on student success and mental wellbeing-: global perspectives on Covid-19 and its impact-	Ajman University Success Center & Student Counseling Center- UAE.	Feb 8 th -9 th , 2022
Organizing	Hosting the guest presenters	The University of Dammam Annual Scientific Research Update: The Medical and Biomedical research	Conference hall, Dammam, KSA	April 5-7th 2015.

(c) Service as Reviewer/ Editorial Board

Publisher	Membership	Duration
Exploration of Immunology Journal	Editorial Assistant for online submission and peer reviewer	Dec 2024- present
Dove Medical Press	Peer reviewer	2020- present
The American Journal of Tropical Medicine and Hygiene	Peer reviewer	2022- present
The European Journal of Preventive Medicine	Editorial board member	June 2023- 2025
Saudi Journal of Biological Sciences	Peer reviewer	2020- present
Nature- BJC Reports	Peer reviewer	Aug 2023- present
Cancer Immunology and Immunotherapy	Peer reviewer	Oct 2024- present
Coronaviruses- Bentham Science	Reviewer	Oct 2024- present

Antibiotics (MDPI)	Reviewer	Oct 2023- present
European Journal of Investigation in Health, Psychology and Education (MDPI)	Reviewer	Oct 2023- present
BMC Cancer	Reviewer	2024- present
Cancer Cell International	Reviewer	2024- present
Diabetology & Metabolic Syndrome	Reviewer	2024- present
International Journal of Environmental Research and Public Health (IJERPH)	Reviewer	2024- present

(d) Membership of Journal Editorial Boards

I'm a member of the editorial board of the European Journal of Preventive Medicine, June 2023-present.

(e) Invited Presentations at Scientific Meetings/Workshops

Available in the conference participation list

(f) University Service

I'm a member of the faculty promotion committee, student counselling/advisory committee, and a member of two task-forces for the development of novel strategies for new student attraction, since Sep 2022.

(g) Service to Profession/Industry

I'm a registered volunteer at the Sharjah Social Services Department, UAE. My registration number is 59842, and I served the department for three days of a total of 12 volunteering hours in Oct 2023.

(h) Public Service

Appointment	Organization	Volunteering event	Period
Volunteer organizer of event	Sharjah Social Services (Government of Sharjah, UAE)	University majors exhibition event for Organizing and supervising of the event	25- 28 th Sep 2023

7. LIST OF PUBLICATIONS

(a) In International Refereed Journals (*Published or Accepted only!*)

1. *Yehia S. Mohamed*, Samar M. Solyman , Abdelrahman M. Sedeek , Hasnaa Lotfy Kamel and Manar El Samak. Comprehensive Genome Analysis of Two Bioactive Brevibacterium Isolates Associ-ated with Marine Sponges. (manuscript is submitted to *Biology*)
2. Eman Y. Abu-rish, **Yehia S. Mohamed** et al. Adipokine and Cytokine Profiles in Pediatric Epilepsy: Resistin and TNF- α as Potential Predictive Biomarkers of Drug Resistance. *Scientific Reports* (manuscript is submitted)
3. **Yehia S Mohamed**, *et al.* Unravelling the pathogenic potential, virulence traits, and antibiotic resistance genes of MDR *Streptococcus galactiae* retrieved from Nile Tilapia. Manuscript submitted to "BMC Microbiology".

4. S. U. Rehmana, J. M. Ashra, M. M. A. Bega, H. Ahmad, **Y. S. Mohamed**, N. Apsamatov, A. Makambaev and K. Osmonalieva. Exploring the role of genetic variants in oxidative stress susceptibility and disease risk. *Braz. J. Biol.*, 2025, vol. 85, e292857 | <https://doi.org/10.1590/1519-6984.292857>
5. Manar El Samak, Hasnaa Lotfy, Abdelrahman M. Sedeek, **Yehia S. Mohamed**, and Samar M. Solyman. Genomic Characterization of Marine Staphylococcus shinii Strain SC-M1C: Potential Genetic Adaptations and Ecological Role. *Microorganisms* 2025, 13, 1866. <https://www.mdpi.com/2076-2607/13/8/1866>
6. Sinclair Steele, Debadatta Panigrahi, and **Yehia Mohamed**. The Generation and Use of Medical MCQs: A Narrative Review. *Advances in Medical Education and Practice* 2025;16 1331–1340 <https://doi.org/10.2147/AMEP.S513119>
7. Sinclair Steele, Gabriel Andrade, Marwah Abdulkader and **Yehia Mohamed**. Medical school origins of award-winning pathologists; analysis of a complete national dataset. *BMC Medical Education* (2024) 24:814. <https://doi.org/10.1186/s12909-024-05790-8>
8. **Yehia S. Mohamed**, Mamoun Mukhtar, Akrem Elmalti, Khalid Kheirallah, Eman Y. Abu-rish, Eiman Mohamed Nasor, Wafa Ahmed, Debadatta Panigrahi, Abdalla Alzoubi. Hospital Mortality and Morbidity in Diabetic Patients with COVID-19: A Retrospective Analysis from the UAE. *Int. J. Environ. Res. Public Health* 2024, 21, 697. <https://doi.org/10.3390/ijerph21060697>
9. Ibrahim Bani, **Yehia Mohamed**, Gabriel Andrade. Evaluation of the impact of COVID-19 on stress and burnout among Ajman University (AU) medical students. *Acta Psychologica* 246 (2024) 104245. <https://doi.org/10.1016/j.actpsy.2024.104245>
10. **Yehia S. Mohamed**, Anastasiya Spaska, Gabriel Andrade, Mohamed A. Baraka, Hafiz Ahmad, Sinclair Steele, Eman Y. Abu-rish, Eiman Mohamed Nasor, Kowthar Forsat, Hajar Teir, Ibrahim Bani, Debadatta Panigrahi. Hand-Hygiene Knowledge, Attitude, and Practice Before, Amid and Post COVID-19; A Cross-Sectional Study Among the UAE's University Students. *Infection Prevention in Practice*. 2024;6(2):100361. <https://doi.org/10.1016/j.infpip.2024.100361>
11. Mamoun Mukhtar, **Yehia S. Mohamed**, Murtada Elbagir, Yohannes Tesfa, Sami Kenz, Vijay Kumar, Sijomol Skaria, Mohamed A. Baraka, Ghassan Darwiche, Akrem Elmalti. Vitamin B12 Status Among Patients With Type 2 Diabetes Mellitus. *J Endocrinol Metab*. 2024;14(1):33-39. <https://jofem.org/index.php/jofem/article/view/928/284284695>
12. Panigrahi, D., **Mohamed, Y.S.**, Khan, E. Enhancing Lecture Attendance: A Novel Approach Utilizing Clinical Case-Based Learning. *Adv Mach Lear Art Inte*, 2023. 4(2), 41-43. <https://www.opastpublishers.com/peer-review/enhancing-lecture-attendance-a-novel-approach-utilizing-clinical-casebased-learning-6327.html>
13. Debadatta Panigrahi, Erum Khan, **Yehia Mohamed** and Ashok Rattan. Factors Affecting Patients Test Results. *Acta Scientific Microbiology* 2022. 5(10) 59-67. <https://actascientific.com/ASMI/ASMI-05-1153.php>
14. Mohamed A Baraka, Amany Alboghdady, Samar Alshawwa, Asim Ahmed Elnour, Hassan Alsultan, Taha Alsalman, Hussain Alaithan, Md Ashraful Islam, Kareem Ahmed El-Fass, **Yehia Mohamed**, Abdulsalam A Alasser, Khairi Mustafa Faehelelbum. Perspectives of Healthcare Professionals Regarding Factors Associated with Antimicrobial Resistance (AMR) and Their

Consequences: A Cross Sectional Study in Eastern Province of Saudi Arabia. *Antibiotics* 2021, 10(7), 878; <https://doi.org/10.3390/antibiotics10070878>.

15. **Yehia S. Mohamed**, Nicola J. Borthwick, Nathifa Moyo, Hayato Murakoshi, Tomohiro Akahoshi, Zara Hannoun, Alison Crook, Patricia E. Fast, Gaudensia Mutua, Walter Jaoko, Sandra Silva-Arrieta, Anuska Llano, Christian Brander, Masafumi Takiguchi, and Tomáš Hanke. Specificity of CD8+ T-Cell Responses following Vaccination with Conserved Regions of HIV-1 in Nairobi, Kenya. *Vaccines* 2020, 8(2), 260. <https://www.mdpi.com/2076-393X/8/2/260>
16. Wafaa S.S. Khalaf, Mamta Garg, **Yehia S. Mohamed**, Cordula Stover, Michael J Browning. In vitro generation of cytotoxic T cells with the potential for adoptive tumour immunotherapy of Multiple Myeloma. *Frontiers Immunology* 2019; (10): 1792. <https://doi.org/10.3389/fimmu.2019.01792>
17. Eman Y. Abu-Rish, Lina A. Dahabiyeh, Yasser Bustanjia, **Yehia S. Mohamed**, Michael J. Browning. Effect of lamotrigine on in vivo and in vitro cytokine secretion in murine models of inflammation. *Neuroimmunology*. Sep. 2018; (322): 36-45. <https://doi.org/10.1016/j.jneuroim.2018.06.008>
18. Eman Y. Abu-Rish, Shada Y. Elhayek, **Yehia S. Mohamed**, Islam Hamad and Yasser Bustanji. Evaluation of immunomodulatory effects of lamotrigine in Balb/c mice. *Acta Pharm.* Sept. 2017; 67(4) <https://doi.org/10.1515/acph-2017-0035>
19. **Yehia S. Mohamed**, Layla A. Bashawri, Chittibabu Vatte, Cyril Cyrus, Eman Y. Abu-rish, Wafaa S. Khalaaf and Michael J. Browning. The in vitro generation of multi-tumor antigen-specific cytotoxic T cell clones: Candidates for leukemia adoptive immunotherapy following allogeneic stem cell transplantation. *Molecular Immunology*. Sept. 2016; (77):79–88. <https://doi.org/10.1016/j.molimm.2016.07.012>
20. Eman Y. Abu-Rish, Mohammad K. Mohammad, Mohammad M. Hudaib, Sundus Mashalla, Loay Mashallah, Violet Kasabri, Khaled Tawaha, **Yehia S. Mohamed**, Yasser K. Bustanji. Evaluation of the antiproliferative activity of some traditional anticancer herbal remedies from Jordan. *Trop J Pharm Res*, March 2016; 15(3): 469. <http://dx.doi.org/10.4314/tjpr.v15i3.6>
21. Al-Amri, Ali M., Vatte, Chittibabub; Cyrus, Cyril, Chathoth, Shahanas, Hashim, Tariq Mohammad, **Yehia S. Mohamed**, Ali, Rudaynah Ala, Alsaïd, Abira, Ali, Amin Al. Novel mutations of the PIK3CA gene in head and neck squamous cell carcinoma. *Cancer Biomarkers*. Jan. 2016; 16(3) :377-383. <http://DOI: 10.3233/CBM-160576>
22. **Yehia S. Mohamed**, Debbie Dunnion, Iryna Teobald, Renata Walewska, Sarah Alderson and Michael J. Browning. In vitro evaluation of human hybrid cell lines generated by fusion of B-lymphoblastoid cells and ex vivo tumour cells as candidate vaccines for haematological malignancies. *Vaccine*. Oct 2012; 30(46):6578-87. <https://doi.org/10.1016/j.vaccine.2012.08.032>
23. **Yehia S. Mohamed**, Debbie Dunnion, Iryna Teobald, Renata Walewska, and Michael J. Browning. Long-lived fusions of human haematological tumour cells and B-lymphoblastoid cells induce tumour antigen-specific cytotoxic T-cell responses in vitro. *Immunobiology*. July 2012; 217(7):719-29. <https://www.sciencedirect.com/science/article/pii/S0171298511002610>

(b) Conference-Published Abstracts

1. Yehia Mohamed, Nicola J. Borthwick, Tomáš Hanke: Mapping of HIV-1 CD8+ T-cell epitopes in East African recipients of conserved-region T-cell vaccines. An abstract was presented as poster in the "Recent Advances in Primary Immunodysregulation Disorders (RAPID)" Conference – Sidra Medicine, Doha, Qatar, May 2024.
2. Yehia S Mohamed & Mamoun Mukhtar. Diabetes and Covid-19 among hospitalized patients in the UAE: a single-center retrospective study. Abstract for poster presentation in the CDC-NIAID Joint Conference | Public Health and Research Priorities in Infectious Disease in the MENA Region: Lessons Learned from the Recent COVID Pandemic – April 2024.
3. Yehia S. Mohamed. Understanding immune responses for better vaccine design. Immunology Research Focus Group (IRFG) virtual meeting- NIH-affiliated MENA region, oral presentation. March 9, 2021.
file:///C:/Users/y.mohamed/Documents/CoM/Annual%20report/MENATFocusGroup3_AbstractBook.pdf
4. Yehia S. Mohamed, Borthwick N, Hanoon Z. Mapping of HIV-1 CD8+ T-cell epitopes in East African recipients of conserved-region T-cell vaccines. BSI congress. Dec 2019.
https://cdn.eventsforce.net/files/ef-divra5y5642a/website/2/5432_bsi_poster_programme.pdf
5. Yehia S. Mohamed and Michael Browning. Immortalized HMy2/solid tumor hybridomas induce two different tumor antigen-specific T cell clones in vitro. *Cancer Immunol Res* Jan 2016; (4): B099. https://cancerimmunolres.aacrjournals.org/content/4/1_Supplement/B099
6. Yehia S. Mohamed. Tumor-specific cytotoxic T lymphocytes: A candidate for adoptive immunotherapy of hematological malignancies. *Clin Pharmacol Biopharm*. Nov 2015; 4(4); 124. DOI: [10.4172/2167-065X.C1.014](https://doi.org/10.4172/2167-065X.C1.014)

(c) Books/Book Chapters

1. Yehia S. Mohamed. The future of HIV vaccine development, lessons learnt from COVID-19 pandemic. NEW TOPICS IN VACCINE DEVELOPMENT; ISBN 978-1-83768-629-2 (In production; *InTech Open access publishing*) Oct. 2024.
<https://www.intechopen.com/books/12841>
2. Yehia S. Mohamed, Wafaa Khalaaf and Michael Browning. APC / tumour cell hybrid vaccines in cancer immunotherapy. Immunotherapy - Myths, Reality, Ideas and Future. *InTech Open access publishing*, April 2017. Edited by Krassimir Metodiev, ISBN 978-953-51-3106-9.
<https://www.intechopen.com/books/immunotherapy-myths-reality-ideas-future>

8. REFERENCES

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