



جامعة عجمان  
AJMAN UNIVERSITY

**Dr Yehia Mohamed**  
**Associate Professor of Immunology**  
**College of Medicine, Ajman University**

## Academic Rank

Associate Professor- College of Medicine

## Qualifications

- Medical Laboratory Technology Diploma, Anderson College; Healthcare, Business and Technology, ON, Canada (2020).
- Medical Laboratory Specialty Registry (Microbiology and Immunology), License Issued by MoHAP, Egypt (2020).
- PhD in Infection, Immunity, and Inflammation; University of Leicester, UK (2012)
- B. Pharm (First Class Honor), Al-Azhar University- Cairo Campus, Egypt (2000)

## Research field(s)

- Tumor immunotherapy
- Immunomodulation effect of newly developed medications
- Vaccine development for chronic viral infections

## Publications *(Last five years)*

### Journal Articles and Abstracts:

1. **Yehia Mohamed, Mamoun Mukhtar, and Akrem Elmalti.** Diabetes and Covid-19 in Ajman City population, moving from news to evidence-based knowledge. Manuscript in preparation.
2. Debadatta Panigrahi, Erum Khan, Yehia Mohamed and Ashok Rattan. Factors Affecting Patients Test Results. *Acta Scientific Microbiology* 2022. 5(10) 59-67.
3. Mohamed A Baraka, Amany Alboghdady, Samar Alshawwa, Asim Ahmed Elnour, Hassan Alsultan, Taha Alsultan, Hussain Alaithan, Md Ashraf Islam, Kareem Ahmed El-Fass, **Yehia Mohamed**, Abdulsalam A Alasseri, 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>.
4. **Yehia S. Mohamed.** Understanding immune responses to improve 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](file:///C:/Users/y.mohamed/Documents/CoM/Annual%20report/MENATFocusGroup3_AbstractBook.pdf)
5. **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>

6. **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**.
7. [https://cdn.eventsforce.net/files/ef-divra5y5642a/website/2/5432\\_bsi\\_poster\\_programme.pdf](https://cdn.eventsforce.net/files/ef-divra5y5642a/website/2/5432_bsi_poster_programme.pdf)
8. 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**. Aug. 2019; (10): 1792. <https://doi.org/10.3389/fimmu.2019.01792>
9. Eman Y. Abu-Rish, Lina A. Dahabiyeh, Yasser Bustanji, **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>
10. 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>
11. **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>
12. **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>
13. 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>
14. **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](https://cancerimmunolres.aacrjournals.org/content/4/1_Supplement/B099)
15. Al-Amri, Ali M., Vatte, Chittibabub; Cyrus, Cyril, Chathoth, Shahanas, Hashim, Tariq Mohammad, **Yehia S. Mohamed**, Ali, Rudaynah Ala, Alsaid, 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>
16. **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)
17. **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>
18. **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>

#### **Book Chapters:**

- **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.

## Courses Taught *(Last five years)*

- Basic Immunology
- Clinical Immunology and Immunologic Disorders
- Pathogenesis of Diseases

## Professional Experience

- Associate Professor and Block Director, College of Medicine, Ajman University (2020- present).
- Visiting Research Fellow, Schulich School of Medicine and Dentistry, University of Western Ontario, London Ontario, Canada (2019- 2020).
- Postdoctoral Immunology Scientist, Jenner Institute, Oxford University, UK (2017- 2019).
- Assistant Professor and Research Scientist, Department of Medical Microbiology, College of Medicine, IAU, Saudi Arabia (2012- 2017).
- Assistant professor, Department of Microbiology and Immunology, Faculty of Pharmacy, Al-Azhar University, Egypt (2011 – 2012).

## Committees Work

- Teaching and Research TC facility (Head of the Committee)
- International Collaboration Committee (Member)
- Community Medicine Research Committee (Member)
- College Scientific Research Committee (Member)

## Honors and Awards

- Awarded a fully funded PhD scholarship by the Egyptian Government
- One of the best presented posters during PGF at Leicester University
- A distinguished faculty from TLC at Ajman University during AY 2022

## Other Contributions and Achievements

- Member of Macrophage/ Neutrophil Research Club, Oxford University, UK
- External Adviser of PharmD Program, IAU
- Academic Curriculum Development Committee (Vice Head)
- Member of the Clinical Microbiology Fellowship's CANMED-Accreditation Committee, IAU
- Certified Tutor on Bioethics Regulations, IAU
- Responsible for training the junior researchers in the Eastern Province, IAU
- Member of the Eastern Province's Health-Education Committee, IAU