



Ph. Zainab Abdullah Hamood Al Tobi

Clinical Instructor

School of Pharmacy.

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Time at UoN: Since 2025

I believe in empowering future pharmacists through clinical insight that transforms knowledge into meaningful practice, and through compassionate care that gives the profession its soul; uniting science with humanity in service to patients and the community.

Academic Qualifications

Master of Clinical Pharmacy, Sultan Qaboos University, 2021

Teaching Activities

Workshop - From Data to Action: Interpreting Lab Results in Clinical Decision-Making.,
Audience: Academic & technical staff from the College of Applied Sciences and Pharmacy,
University of Technology and Applied Sciences - Muscat, 29-10-2025

Research Activities

- Research Interests

Machine learning models for pharmacovigilance signal detection and adverse event prediction.

AI-driven prediction of drug-target interactions and off-target toxicity.

Modeling immune checkpoint inhibitor pathways and mechanisms of resistance.

Interprofessional collaboration and evidence-based decision making in patient care.

Clinical pharmacy practice and pharmacist-led interventions in oncology.

Optimization of chemotherapy safety and supportive care in cancer patients.

- Conference Attendance

Psychology of Youth Forum, Arab Open University – Oman, Muscat, 01/10/2025

1st Hematology Oncology Pharmacy Summit (1st HOPS), UAE, Dubai, 17-18/01/2025

12th Emirates Oncology Conference (EOC 2025), UAE, Abu Dhabi, 15-17/11/2024

Oman International Pharmacy Congress and Exhibition (OIPCX), Oman, Muscat,
14-16/01/2024

- Publications

Article:

1. 2025 [Enhancing Medication Safety: Reducing Administration Errors in Oncology Setting](#), Salman, B. M., Ayaad, O., AlTobi, Z. A., Ibrahim, R., AlHatrushi, M. S., Majed, M., Al Zadjali, R., Atabani, A., AlHasani, G. M., AlMusheifri, M. N., El Kholi, M. I., Al Sheedi, S. A., AlHasni, N. S., Al-Hashar, A. K., Al-Awaisi, H. S., & Al-Baimani, K. (2025). Enhancing medication safety: Reducing administration errors in oncology setting. *Asian Pacific Journal of Cancer Prevention*, 26(1), 269-277.
2. 2022 [Metabolic Side Effects of Olanzapine in Patients With Psychotic Disorders in Oman: A Retrospective Cohort Study](#), Al-Tobi, Z., Al Suleimani, Y., Al-Rasadi, K., Al-Shabibi, S., Al Mahrizi, A., Al-Maqbali, J., Al-Waili, K., Al-Adawi, S., & Al-Zakwani, I. (2022). Metabolic side effects of olanzapine in patients with psychotic disorders in Oman: A retrospective cohort study. *Angiology*, 73(10), 976-984.

Award and Recognitions

2024 Employee Excellence Award. Sultan Qaboos Comprehensive Cancer Care and Research Centre — Awarded for Outstanding Performance Evaluation (“Excellent” rating)

2021 Represented Omani Youth at the Arab Youth Forum. Organized under the League of Arab States — Jordan

2018 `Youth and Health Lifestyle' Award By National Youth Commission — Oman

2015 `Best Youth Initiative in Reading Field' Award By the 20th Muscat International Book Fair — Oman

Between molecules and algorithms, between care and code, I see a new horizon of pharmacy, where intelligence is artificial, but compassion remains profoundly human. بين الجزيئات والخوارزميات، أرى أفقاً جديداً للصيدلة، تتكامل فيه دقّة العلم مع بصمة الذكاء الاصطناعي، وتبقى فيه الرحمةُ جوهرَ العمل الإنساني ومعناه الأعمق.

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