Dr. FIRAS HASAN BAZZARI, Ph.D.

- Associate Professor of Pharmacology & Clinical Pharmacy -

EDUCATION

BSc. Pharmacy
Applied Science University
Amman – Jordan

Ph.D. Pharmacology & Toxicology
Cairo University
Cairo – Egypt

MSc. Clinical Pharmacology
University of Aberdeen
Aberdeen – Scotland
United Kingdom

Contact Information

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https://scholar.google.com.eg/citations?user=IIPby5UAAAAJ&hl=en

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Address: **Amman, Jodan**

Nationality: **Jordanian**

ACADEMIC & RESEARCH SKILLS

ACADEMIC EXPERIENCE:

- Associate Professor, Faculty of Pharmacy, Jerash University, Jordan. **(November 2025 – Present)**
- Assistant Professor, Faculty of Pharmacy, Jerash University, Jordan. **(October 2022 – October 2025)**
- Assistant Professor, Faculty of Pharmacy, Arab American University, Palestine. **(November 2020 – September 2022)**

ADMINISTRATIVE EXPERIENCE:

- Head of Pharmacy Department, Faculty of Pharmacy, Jerash University, Jordan **(October 2023 – September 2025)**
- Chair of the Jordan National Qualification Framework Committee, Faculty of Pharmacy, Jerash University, Jordan **(2023 – 2025)**
- Chair of the Examination Committee, Faculty of Pharmacy, Jerash University, Jordan **(Academic Year – 2022 / 2023)**
- Founding and Acting Dean, Faculty of Pharmacy, Arab American University, Palestine. **(July 2021 – August 2022)**

TAUGHT COURSES:

- Pharmacology I (Pharmacy Students)
- Pharmacology II (Pharmacy Students)
- Pharmacology III (Pharmacy Students)
- Pharmacology II / Practical (Pharmacy Students)
- Toxicology (Pharmacy Students)
- Clinical Toxicology (Pharmacy Students)
- Clinical Pharmacy and Therapeutics III (Pharmacy Students)
- Clinical Cases / Practical (Pharmacy Students)

- Clinical Pharmacy and Therapeutics I / Practical (Pharmacy Students)
- Clinical Pharmacy and Therapeutics II / Practical (Pharmacy Students)
- Pharmaceutical Training I (Pharmacy Students)
- Immunology for Pharmacy Students (Pharmacy Students)
- Pathophysiology for Pharmacy Students (Pharmacy Students)
- Physiology for Pharmacy Students I (Pharmacy Students)
- Human Physiology II / Practical (Pharmacy Students)
- Basic Pharmacology (Allied Medical Sciences Students)
- General Pharmacology (Optometry Students)
- Pharmacology & Toxicology (Medical Laboratory Students)

RESEARCH SKILLS:

- Experimental Design
- Behavioural Tests & Psychometric Analysis
- Biochemical Analysis (ELISA, Western Blot, PCR)
- Histopathological Examination (H&E, TB, Immunohistochemistry)
- Statistical Analysis (Prism, Sigma Plot)

RESEARCH INTERESTS:

Neuropharmacology & CNS drugs; *viz.* Neurodegenerative, Neuropsychiatric and other related disorders (Clinical and Experimental Approaches). Clinical Pharmacology, Clinical Pharmacy and Community Pharmacy Practice.

ADDITIONAL EXPERIENCES:

- Blended and Online Learning (BOLD) Capacity Program certificate (by AQACHE in collaboration with the British Council and University of Strathclyde, Scotland, United Kingdom)

- Certified OSCE Examiner (Leeds Institute of Medical Education, University of Leeds, England, United Kingdom)
- ICDL-Certificate (Syllabus 5.0, MS-Office 2010), with extra module titled "Health Information System Usage" (Skills Card No. EGT-160-101267)
- Animal Handling and Experimental Pharmacology Certified Courses (Faculty of Pharmacy, Cairo University, Egypt)
- Online-Based Diplomas and Courses (Certified) in:
  - Human Psychology
  - Human Nutrition
  - Disease Control
  - Business Management and Entrepreneurship

PROFESSIONAL MEMBERSHIPS

- Member of the Jordanian Pharmacists Association (Amman, Jordan).
- Member of the Palestinian Pharmacists Association (Jerusalem, Palestine).

- Member of The American Society for Pharmacology and Experimental Therapeutics (ASPET) – Neuropharmacology division (Rockville, Maryland, USA).
- Member of the British Pharmacological Society (London, UK).
- Member of the American Psychological Association – APA (NE, Washington D.C., USA).
- Member of the International Pharmaceutical Federation – FIP (The Hague, Netherlands).

POSTGRADUATE SUPERVISION & COMMITTEES

COMMITTEES:

- Member of the Postgraduate Studies Committee, Faculty of Pharmacy, Jerash University (Oct 2025 – Present).
- Chair of the Postgraduate Studies Committee, Pharmacy Department, Faculty of Pharmacy, Jerash University (Oct 2024 – Sep 2025).

SUPERVISION:

- **Main Advisor:** Thesis Title – "Prevalence and patterns of using artificial intelligence tools as a source of drug information: A cross-sectional study in Jordan" – (2025/2026).
- **Main Advisor:** Thesis Title – "Assessing community pharmacists' knowledge, experiences, and pharmacovigilance practices in the care of patients with autism spectrum disorder" – (2025/2026).
- **Co-Advisor:** Thesis Title – "The possible behavioral effects of *Conocarpus lancifolius* crude extract in an Alzheimer's disease-like model in mice" – (2024/2025).
- **Main Advisor:** Thesis Title – "Occupational factors influencing burnout score among community pharmacists in Jordan" – (2023/2024).
- **Main Advisor:** Thesis Title – "The public perceptions attitudes and associated factors regarding the role of community pharmacists in mental healthcare support" – (2023/2024).

EXAMINER:

- Examiner: Thesis Title – "The Role of Clinical Pharmacists in Improving Pain Management for Orthopedic Trauma Patients Undergoing Surgery: A Randomized Controlled Study".
- Examiner: Thesis Title – "Assessment of community pharmacist knowledge about the different types of magnesium supplements".
- Examiner: Thesis Title – "Assessment of Community Pharmacists' Competence and Investigating Trends in Prescription Probiotic and Prebiotic Usage, Incorporating Patient Awareness".

PEER REVIEWED PUBLICATIONS

1. **Bazzari, F.H.**, Bazzari, A.H., (2026). Amyloid-Beta Immunotherapies for Alzheimer's Disease: Current Progress. *Curr Alzheimer Res*, [**Available Online – Early View**].

2. Al Jafari, A., **Bazzari, F.H.**, (2026). Evaluating the ability of GPT-5.2 to identify plant leaves and provide medicinal uses: Implications for phytotherapy. *Int J Herb Med*, 14(no. 2 Part A), pp. 27-31.

3. Ayasreh, A.M., Bazzari, A.H., **Bazzari, F.H.**, (2026). Public perceptions and correlates regarding the potential role of community pharmacists in mental healthcare: A cross-sectional study in Jordan. *Jor J Pharm Sci*, 19(1), pp. 36–51.

4. **Bazzari, F.H.**, Bazzari, A.H., (2026). Performance of GPT-5.2 in handling pharmaceutical calculations and interpreting medication prescriptions: Implications in pharmacy education and clinical practice. *World J Biol Pharm Health Sci*, 25(1), 170-178.

5. Alrosan, S.O., Al Jafari, A., **Bazzari, F.H.**, (2025). *Conocarpus lancifolius* extract mitigates behavioral and histopathological alterations in aluminum chloride-induced Alzheimer disease in mice. *J Med Plant Stud*, 13(no. 6 Part C), pp. 405–409.

6. Bazzari, A.H., **Bazzari, F.H.**, (2025). Integrating Mental Health Screening in Community Pharmacies: Knowledge, Attitudes, and Perceived Barriers Among Pharmacy Students. *Sci World J*, 2025, 9769309.

7. Alkhamaiseh, S.I., Bazzari, A.H., **Bazzari, F.H.**, (2025). Prevalence and Patterns of Usage of Medicinal Plants for Gastrointestinal and Dermatological Disorders among the Public in Saudi Arabia. *J Pharm Pharmcogn Res*, 13(5), 1485-1501.

8. Magableh, R.M., Bazzari, A.H., **Bazzari, F.H.**, Hayajneh, F.A., (2025). Prevalence and Correlates of Substance Abuse Among Healthcare Students. *Sci World J*, 2025, 5597067.

9. Bazzari, A.H., **Bazzari, F.H.**, (2025). The Correlation Between Alexithymia and Communication Skills Among Undergraduate Pharmacy Students. *Heliyon*, 11(1), e41402.

10. Bazzari, A.H., **Bazzari, F.H.**, (2024). Assessing the ability of GPT-4o to visually recognize medications and provide patient education. *Sci Rep*, 14, 26749.

11. Alshorman, D.Z., Bazzari, A.H., **Bazzari, F.H.**, (2024). Comprehensive assessment of demographic and occupational factors influencing burnout amongst community pharmacists in Jordan. *Pharmacia*, 71, e123247.

12. **Bazzari, F.H.**, Bazzari, A.H., (2024). Utilizing ChatGPT in Telepharmacy. *Cureus*, 16(1), e52365.

13. Bazzari, A.H., **Bazzari, F.H.**, (2023). COVID-19 and Burnout among Community Pharmacists in West Bank - Palestine. *Journal of the Arab American University*, 9(2), pp. 39–52.

14. Bazzari, A.H., **Bazzari, F.H.**, (2023). Assessing Stigma towards Mental Illness in Relation to Demographics Attitudes and Past Experiences among Pharmacy Students in a Jordanian University Sample. *Behav Sci*, 13(11), 884.

15. Alkhamaiseh, S.I., Bazzari, A.H., Aljafari, A., **Bazzari F.H.**, (2023). The Public Perceptions on Wet Cupping Therapy (Hijama) in Saudi Arabia. *J Acupunct Meridian Stud*, 16(5), pp. 176–182.

16. **Bazzari, F.H.**, Bazzari, A.H., (2023). Non-Genetic Risk Factors for Dementia and Alzheimer's Disease. *Jor Med J*, 57(3), pp. 206–220.

17. **Bazzari, F.H.**, Bazzari A.H., (2023). Attitudes and Knowledge Regarding the Therapeutic Use of Cannabinoids Among Community Pharmacists: A Pilot Cross-Sectional Study in Amman, Jordan. *Healthcare*, 11(5), 694.

18. **Bazzari, F.H.**, Bazzari A.H., (2022). BACE1 Inhibitors for Alzheimer's Disease: The Past, Present and any Future?. *Molecules*, 27(24), 8823.

19. Bazzari, A.H., **Bazzari, F.H.**, (2022). BDNF Therapeutic Mechanisms in Neuropsychiatric Disorders. *Int J Mol Sci*, 23(15), 8417.

20. Bazzari, A.H., **Bazzari, F.H.**, (2022). Advances in targeting central sensitization and brain plasticity in chronic pain. *Egypt J Neurol Psychiatr Neurosurg*, 58, 38.

21. **Bazzari, F.H.**, Bazzari, A.H., (2022). Lucid dreaming and associated sleep and dream factors among university students in West Bank Palestine. *Int J Dream Res*, 15(1), pp. 1–8.

22. **Bazzari, F.H.**, Abdallah, D.M. and El-Abhar, H.S., (2019). Chenodeoxycholic Acid Ameliorates $AlCl_3$-Induced Alzheimer's Disease Neurotoxicity and Cognitive Deterioration via Enhanced Insulin Signaling in Rat. *Molecules*, 24(10), 1992.

23. **Bazzari, F.H.**, Bazzari, A.H., (2019). Orofacial neuropathic pain: a pharmacological approach. *S Afr Pharm J*, 86(4), pp. 23–28.

24. **Bazzari, F.H.**, Abdallah, D.M. and El-Abhar, H.S., (2019). Pharmacological Interventions to Attenuate Alzheimer's Disease Progression: The Story So Far. *Curr Alzheimer Res*, 16(3), pp. 261–277.

25. **Bazzari, F.H.**, (2018). Can we induce lucid dreams? A pharmacological point of view. *Int J Dream Res*, 11(2), pp. 106–119.

26. Bazzari, A.H., **Bazzari, F.H.**, (2018). Medicinal plants for Alzheimer's disease: An updated review. *J Med Plant Stud*, 6(no. 2 Part B), pp. 81–85.

27. **Bazzari, F.H.**, Bazzari, A.H., (2018). Drug-Induced Delirium: A Mini Review. *BMH Med J*, 5(2), pp. 51–56.

28. **Bazzari, F.H.**, (2018). Available Pharmacological Options and Symptomatic Treatments of Multiple Sclerosis. *Sys Rev Pharm*, 9(1), pp.17–21.

29. **Bazzari, F.H.**, (2017). Centrally acting antihypertensive agent Ketanserin potential role in delirium management: A review. *Open Sci J*, 2(3), pp. 1–9.

30. Bazzari, A.H., **Bazzari, F.H.**, (2017). Promising Therapeutic Agents: Delta Opioid Receptor Agonists. *Int Ann Med*, 1(8), pp. 1–5.

CONFERENCE ABSTRACTS AND PROCEEDINGS:

- Bazzari, A.H., **Bazzari, F.H.**, (2024). Impact of Alexithymia on Pharmacist-Patient Communication Skills in a Sample of Undergraduate Pharmacy Students. ZIPC 2024: Innovations in Pharmaceutical Research and Practice, Amman, Jordan. https://conf.zuj.edu.jo/zipc2024/Booklet.pdf

- Alshorman, D.Z., Bazzari, A.H., **Bazzari, F.H.**, (2024). Burnout and Associated Factors: A Cross-Sectional Study Among Community Pharmacists in Jordan. ZIPC 2024: Innovations in Pharmaceutical Research and Practice, Amman, Jordan. https://conf.zuj.edu.jo/zipc2024/Booklet.pdf

- **Bazzari, F.H.**, Bazzari, A.H., (2024). Performance of AI-Powered Chatbots in Pharmacotherapy: A Comparative Assessment of ChatGPT vs Gemini. 1st Pharmaceutical Sciences Conference: Exploring New Frontiers in Pharmaceutical Sciences, Hashemite University, Jordan.

- **Bazzari, F.H.**, Bazzari, A.H., (2022). Personal and Occupational Changes Among Community Pharmacists During COVID-19. 80th FIP World Congress 2022. https://rb.gy/qw12no

- **Bazzari, F.H.**, Zerbinato, F., Bazzari, A.H., (2022). Assessing Burnout and Anxiety Levels in Community Pharmacists Following COVID-19 Pandemic: A Cross-Sectional Study in Veneto Region, Italy. 80th FIP World Congress 2022. https://rb.gy/p8vozq

- **Bazzari, F.H.**, Abdallah, D.M. and El-Abhar, H.S., (2021). Chenodeoxycholic acid reduces neuroinflammation and oxidative stress in aluminium chloride-induced rat model of Alzheimer's disease. *Br J Pharmacol*, 178(2), 458. https://doi.org/10.1111/bph.15316

WORKSHOPS:

- **Bazzari, F.H.**, (April, 2026). Workshop title: *Advances in the Pharmacology of Alzheimer's Disease: A Century of Research*. At: *Jordanian Pharmacists Association* (In: Jerash, Jordan).

REFERENCES

Available on request