



Mohamad Ali Mustapha Hijazi, PhD

Assistant Dean | Associate Professor of Pharmaceutical Sciences

Faculty of Pharmacy – Beirut Arab University, Lebanon

Contact Information

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- **Google Scholar:** <https://scholar.google.com/citations?user=Ba5waR8AAAAI&hl=en>
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- **Scopus ID:** 57192675761

Academic Leadership Profile

Assistant Dean and Associate Professor of Pharmaceutical Sciences with extensive experience in academic leadership, research development, and pharmacy education. His work integrates teaching, research, professional practice, community engagement, and health policy into a coherent framework aimed at generating meaningful societal impact. A mixed-methods researcher engaged in interdisciplinary scholarship, he is committed to advancing research excellence, educational innovation, and strategic development in pharmacy education and health systems. His leadership vision emphasizes faculty development, translating scientific knowledge into practice, empowering healthcare professionals, and strengthening the contribution of pharmacy education to national and regional health capacities.

Research Impact Metrics

- **Total peer-reviewed publications:** 30+ (indexed in Scopus)
- **Total citations:** 500+ (Google Scholar)
- **h-index:** 13
- **i10-index:** 13
- **Competitive research grants secured:** 4
- **Intellectual property:** 1 national patent
- **Graduate supervision:** 5+ MSc; 20+ PharmD; 3 PhD

Academic Leadership and Administrative Roles

Assistant Dean for Faculty of Pharmacy, BAU (September 2026–Present)

Supports the Dean in academic and administrative affairs, including student services, academic advising, implementation of university policies, and quality assurance. Contributes to strengthening alumni, employer, and community engagement, while supporting effective utilization of Faculty resources and institutional development.

Academic Coordinator for Undergraduate Studies, BAU (2023–Present)

Oversees coordination of undergraduate academic programs, support curriculum implementation, students advising, conflict resolution, and alignment with institutional quality standards.

Head, Department of Pharmaceutical Sciences, BAU (2022–2024)

Provided academic and administrative leadership for the department, overseeing faculty activities, curriculum development, research coordination, and departmental strategic planning.

Experiential Program Coordinator (PPEI-IV), Faculty of Pharmacy, BAU (2022–Present)

Supervises experiential education activities and clinical training coordination, ensuring alignment between academic preparation and professional practice requirements.

Member, Quality Assurance Center, BAU (2014–2020)

Contributed to institutional quality assurance initiatives including academic program review, accreditation preparation, and continuous improvement processes.

Course Coordinator, Pharmacy Practice Experience II, BAU (2014–Present)

Responsible for planning, activity designing, implementation, and evaluation of experiential learning components.

Acting Treasurer, Department of Pharmaceutical Sciences, BAU (2017–2021)

Academic Appointments

- Associate Professor: BAU (2022–Present)
- Assistant Professor: BAU (2017–2022)
- Lecturer: BAU (2014–2017)
- Preceptor for Experiential program: BAU (2010–2016)
- Teaching Assistant: BAU (2007–2013)
- Research Assistant: AUB (2015–2017)

Education

- PhD in Pharmaceutical Sciences: Beirut Arab University (2017)
- MSc in Pharmaceutical Sciences: Beirut Arab University (2011)
- Bachelor of Pharmaceutical Sciences: Beirut Arab University (2007)

Research Areas

His research identity is rooted in Natural Product Drug Discovery, which represents his success in research and innovation. Coupled to his research arm in evidence-based practices, he extended his work into epidemiological studies to ensure safe, effective, and responsible application. In addition to his strong arm in service to stakeholders and policy makers to ensure the proper translation of research findings into meaningful health policy, guidelines, and community services. In this way, he finds both purpose and impact.

Research Funding

- Investigating the Cytotoxic and Anti-inflammatory Effects of *Rheum ribes* Extracts and Pure Compounds Alone and in Combination with Honey and 5-FU on Colorectal Cancer Cells. **American University of Beirut**, University Research Board Grant. LPI: Hala Muhtasib, **Co-LPI: Mohammad Ali Hijazi**. Renewal funding for the Award: 104631 - Project: 28014. Timeline: 1st July 2026- 30th June 2027. Amount: **16000 USD**.
- Investigating the Multi-Agent Anticancer Activity of *Rheum ribes* on Colorectal Cancer: An In Vivo and In Vitro Study. **Lebanese University**, Research and Development Office, Research Support Program at LU. LPI: Maamoun Fatfat – Co-LPI: **Mohammad Ali Hijazi**. Timeline: May 2026- April 2028. Amount: **6500 USD**.
- Investigating the Cytotoxic and Anti-inflammatory Effects of *Rheum ribes* Extracts and Pure Compounds Alone and in Combination with Honey and 5-FU on Colorectal Cancer Cells. **American University of Beirut**, University Research Board Grant. LPI: Hala Muhtasib, **Co-LPI: Mohammad Ali Hijazi**. Award: 104631 -Project: 28014. Timeline: July 2025-June 2026. Amount: **12000 USD**.
- Burnout and Resilience of Community Pharmacists in Lebanon: prevalence, characteristics, and associated factors. **American University of Beirut**, University Research Board Grant. LPI: Mohamad Alameddine, **Co-LPI: Mohammad Ali Hijazi**. Award: 103946 -Project: 25837. Timeline: July 2020-June 2021. Amount: **13380 USD**.
- Up scaling the Pharmacy Profession in Lebanon: Workforce Trends and Key Improvement Opportunities. **American University of Beirut**, University Research Board Grant. LPI: Mohamad Alameddine, **Co-LPI: Mohammad Ali Hijazi**. Award: 103785 -Project: 25278. Timeline: September 2019-December 2020. Amount: **12,400 USD**.

Patents

Hijazi MA. A Pharmaceutical Preparation from Lebanese Plant Extract as Potential Natural Opioid Analgesic and Remedy for Treatment of Opioid Dependence. Filled as: Lebanon Patent (Application No. 11070, issued on 6/12/2016)

Selected Peer-Reviewed Publications

- Chouman A, Aboul Ela M, Bouhadir K, Azakir B, El-Lakany A, **Hijazi MA (2026)**. "Anticancer Potential and Phytochemical Constituents of *Ononis natrix* Grown in Lebanon". Journal of Applied Pharmaceutical Science. 2026. doi:10.1177/22313354261461009
- Kansa M, **Hijazi MA**, Ellakany A, and Aboul-Ela M, (2026). "Alkamides in Asteraceae Family: Bioactivity and Structural Relationships". Current Bioactive Compounds, DOI: [10.2174/0115734072440189260508144100](https://doi.org/10.2174/0115734072440189260508144100)
- Abdelmajid G, Ellakany A, Aboul-Ela M, Hijazi S, A, and **Hijazi MA*** (2026). "Phytochemical and Antibacterial Study of *Juniperus chinensis* and *Juniperus conferta* Growing in Lebanon". Current Bioactive Compounds, DOI: 10.2174/0115734072440831260326052821
- El Shamieh S, Abdel Jabbar M, Fakhoury R, Aljada A, Anouti N, Kreidieh D, Hassan D, **Hijazi MA** and Fakhoury HMA (2026). "Vitamin D status and Helicobacter pylori infection: clinical associations and lipid pathway differences in an exploratory metabolomics sub-study". Front. Nutr. 13:1812874. doi: 10.3389/fnut.2026.1812874
- **Hijazi MA*** (2026). "Digital Transformation of Healthcare in Lebanon: A Strategic Response to Health System Fragility". Int J Health Policy Manag, 2026;15:9482. DOI: 10.34172/ijhpm.9482
- Kansa M, Hijazi S., Ellakany A, Aboul-Ela M, and **Hijazi MA*** (2026). "Phytochemical Investigation and Antimicrobial Activity of *Galium libanoticum*". Infectious Disorders - Drug Targets, 26(2), e18715265398196. DOI: 10.2174/0118715265398196250827030711
- Naja F, Ahmad M, Shatila H, Abu Shihab K, Naalbandian S, Saqan R, Alzubaidi H, and **Hijazi MA*** (2025). "Role of community pharmacists in the safe and effective use of complementary and alternative medicine in the Middle East: A scoping review". PLOS ONE, 20(9). DOI: 10.1371/journal.pone.0332932.
- Chouman A., Ellakany A, Aboul-Ela M, and **Hijazi MA***, (2025). "Review on phenolic constituents and pharmacological activities of genus *Ononis*". Journal of Applied Pharmaceutical Sciences, Vol. 15(07), pp 027-036. DOI: 10.7324/JAPS.2025.234398
- Kansa M, **Hijazi MA**, Ellakany A, and Aboul-Ela M (2024). "Review on phytochemical constituents and pharmacological activities of *genus Galium*". Journal of Applied Pharmaceutical Sciences, Vol. 14(09), pp 046-056. DOI: 10.7324/JAPS.2024.195572
- **Hijazi MA**, Gessner A., Abu Qiyas S, and El-Najjar N (2023). "Repurposing of Chronically Used Drugs in Cancer Therapy: A Chance to Grasp". Cancers, 15(12): 3199, doi: 10.3390/cancers15123199
- **Hijazi MA**, Shatila H, Abu Qiyas S, Aboul-Ela M Ellakany A, and Naja F (2022). Complementary and alternative medicine use during the COVID-19 pandemic: Community pharmacists' knowledge, attitudes, and practices". Research in Social and Administrative Pharmacy, vol. 19,3 (2023): 502-509. doi:10.1016/j.sapharm.2022.10.009

- Alameddine M, Bou Karroum K, and **Hijazi MA*** (2022). "A national study on the resilience of community pharmacists in Lebanon: a cross-sectional survey". *Journal of Pharmaceutical Policy and Practice*, 15(8), DOI: <https://doi.org/10.1186/s40545-022-00406-2>
- **Hijazi MA***, Hijazi K, Bouhadir K, Fatfat Z, Aboul-Ela M, Gali-Muhtasib H, and Ellakany A (2021). "Anticancer Activity of Abietane Diterpenoids from *Salvia libanoticum* Grown in Lebanon". *Pharmacognosy Magazine*, 17 (73), 127-133
- **Hijazi MA**, Shatila H, Ellakany A, Aboul-Ela M, and Naja F (2021). "The role of pharmacists in complementary and alternative medicine in Lebanon: user's perspectives". *BMC Complementary Medicine & Therapies*, 21, 81 (2021). <https://doi.org/10.1186/s12906-021-03256-8>
- Alameddine M, Bou Karroum K, Kassas S, and **Hijazi MA*** (2020). "A profession in danger: Stakeholders' perspectives on supporting the pharmacy profession in Lebanon". *PLOS ONE*, 15(11), e0242213. <https://doi.org/10.1371/journal.pone.0242213>
- **Hijazi MA**, Shatila H, Ellakany A, Rifai H, Aboul-Ela M, and Naja F (2020). "Role of community pharmacists in weight management: results of a national study in Lebanon". *BMC Health Services Research*, 20, 386 (2020). doi.org/10.1186/s12913-020-05258-7
- Alameddine M, Bou Karroum K, and **Hijazi MA*** (2019). "Upscaling the pharmacy profession in Lebanon: workforce distribution and key improvement opportunities". *Human Resources for Health*, 17(47), 1-9. doi.org/10.1186/s12960-019-0386-0
- **Hijazi MA**, Shatila H, Ellakany A, Aboul-Ela M, Kharoubi S, Alameddine M, and Naja F (2019). "Beliefs, practices and knowledge of community pharmacists regarding complementary and alternative medicine: national cross-sectional study in Lebanon". *BMJ Open*, 9(3), 1-10. 2019;9:e025074. Doi: 10.1136/bmjopen-2018-025074
- Kassem I, **Hijazi MA**, and Saab R (2019). "The availability and use of colistin-containing drugs in human therapeutics and food-animal farming in Lebanon". *Journal of Global Antimicrobial Resistance*, 16(2019): 162-164. DOI: <https://doi.org/10.1016/j.jgar.2019.01.019>
- **Hijazi MA***, Aboul-Ela M, Bouhadir K, Fatfat M, Gali-Muhtasib H, and Ellakany A (2018). "Alkaloids of *Papaver libanoticum* and their Cytotoxic". *Records of Natural Products*, 12(6): 611-618. DOI: <http://doi.org/10.25135/rnp.53.17.11.187>
- **Hijazi MA***, Elmallah A, Aboul-Ela M, and Ellakany A (2017). "Evaluation of Analgesic Activity of *Papaver libanoticum* Extract in Mice: Involvement of Opioids Receptors". *Evidence-Based Complementary and Alternative Medicine*, vol. 2017, Article ID 8935085, 13 pages, doi:10.1155/2017/8935085.
- **Hijazi MA***, Aboul-Ela M, Bouhadir K, Fatfat M, Khalife H, Ellakany A, and Gali-Muhtasib H (2017). "Cytotoxic Activity of Alkaloids from *Papaver rhoeas* growing in Lebanon". *Records of Natural Products*, 11(2), 211-216.

Full publication list available upon request or via Google Scholar profile.

Teaching Experience

Postgraduate courses

- Modern Pharmaceutical Research
- Clinical Research
- Advanced Phytotherapy
- Research Project
- Modern Isolation and Characterization Techniques

Undergraduate Courses

- Medical Botany (for dentistry students)
- Drug Information Resources
- Public Health and Pharmacy
- Research Design & Drug Literature Evaluation
- Recent Approaches in Phytotherapy
- Communication Skills in Pharmacy Practice
- Inter Professional Education (IPE) (for medical students)
- Modern Isolation & Separation Techniques

Graduate Student Supervision

Supervising PhD Students Thesis

Aya Chouman	Therapeutic Potential of Fumaria plant growing in Lebanon, BAU, 2026-present
Bassel Awada	Bugs to Drugs: Novel Anti-Microbial Agents from Lebanese Soil and Marine Dwelling Microorganisms, AUB, Faculty of Medicine, member of thesis committee, 2020-2023

Supervising MS Students Thesis

Charbel El-Hajj	Anti-tumor and chemosensitizing effect of Lebanese Cannabis Sativa L. crude extract in colorectal cancer models, AUB, Faculty of Medicine, thesis Co-supervisor 2025- 2026
Zeina Omeich	Study of the phytochemical constituents of <i>Ononis natrix</i> growing in Lebanon, BAU, 2024-2026
Rayan Sous	Investigation of the bioactive components of Rhubarb, BAU, 2024-present
Aya Chouman	Phytochemical Study of <i>Ononis Natrix</i> L. Species grown in Lebanon , BAU, 2023-2025
Touleen Ranko	Phytochemical Study of <i>Rheum ribes</i> Growing in Lebanon, BAU, 2023-2025
Maysaloun Kanso	Phytochemical study of <i>Galium libanoticum</i> growing in Lebanon, 2022- 2024

Supervising PharmD (Doctor of Pharmacy, BAU)

Ahmad Khaldieh	
Mohamad Chahine	Assessing adherence and factors associated with
Hussein Ajjour	antihypertensive therapy in a community setting
Pricilla Jawhari	
Lynn Chmaitelly	Knowledge and Perceptions of Hormonal Therapy in the
	Management of Menopause Among Lebanese Women
Wafaa Rammal	
Fatima Saleh	The Use of Hypnotic Drugs Among Lebanese Adults during War
Yara Afiony	The use of Complementary Alternative Medicine in
Lama Dimaschkieh	Gastrointestinal Disorders Among Lebanese Population
Hussein Kassem	Lebanese Pharmacists' Role during Crisis: Patients' Perspectives
Haneen Obeid	Investigating the Role of Pharmacists in Community Pharmacy
Jamila Seifeddine	Knowledge, Attitudes and Practice of Community Pharmacists
	towards Liver Diseases in South Lebanon
Mohamad Hafez	Evaluation of Lebanese Pharmacists' Knowledge, Attitudes and
	Practices towards Liver Diseases
Jad Chaaban	Evaluation of Lebanese Pharmacists' Knowledge, Attitudes and
	Practices towards Liver Diseases
	Perceptions, Attitudes and Experiences of Hospital Pharmacists
Hadi Hallal	Working in the Private Sector Regarding Drug Shortage in
	Lebanon: A National Cross-Sectional Study
Mohamad Qattaa	The Efficiency of Natural Supplements in Managing Joint Pain and
	Stiffness in Women
Nathalie Bahlawan	Patient health at the center of a Lebanese medication crisis
Farah Tayba	Knowledge, attitude, and practice of pharmacists regarding drug
	shortage
Massad Hajar	Shortage of Cardiovascular Medications in Lebanon: A Call for an
	urgent humanitarian action
Jihan Said	Impact of Medication Shortage on Mental Health: A Patient's
	Perspective
Noura Kharram	Assessment of the Lebanese Community Pharmacist Knowledge,
	Practice and Barriers Regarding Prevention of Osteoporosis
Nour Hajj Omar	Assessment of Weight Gain in Females during Pregnancy in
	Beirut", Faculty of Pharmacy

Editorial and Peer Review Activities

- **Academic Editor:** PLOS ONE (2023–Present)
- **Editorial Board Member:** Frontiers in Pharmacology (2023–Present)
- **Reviewer for international journals** including
BMC Public Health, Human Resources for Health, Heliyon, Journal of Complementary and Integrative Medicine, Journal of Pharmaceutical Health Services Research, Records of Natural Products, Journal of Natural Products, Biomedical Report, Anti-Cancer Agents in Medicinal Chemistry

Professional Development and Training

Continuous professional development in higher education leadership, digital transformation in academia, quality assurance, and health policy engagement.

Academic Leadership, Innovation & AI in Higher Education

- **AI Assisted Scientific Writing**, MedONe Academy — Certified Professional Program (2026)
- **Empowering Higher Education through Practical AI Tools**, Beirut Arab University (2025)
- **The Future of Academia in Light of AI**, VIA Education Strategies Workshop, Beirut Arab University (2024)

Teaching Excellence, Curriculum Design & Educational Innovation

- **Universal Design for Learning (UDL) in Higher Education**, USAID HECD Program, Holy Spirit University of Kaslik (2023)
- **Digital Learning Authoring and Educational Media Production**, Erasmus+ Program, Lebanese University (2022)
- **Online Teaching Techniques and Tools**, DIGIHEALTH Erasmus+ Program (2021)
- **Innovative Digital Skills & Teaching Methods for Health Education**, DIGIHEALTH Erasmus+ Program (2020)

Academic Quality Assurance & Higher Education Governance

- **Quality Assurance in Higher Education Institutions**, workshop delivered by the Commission for Academic Accreditation UAE (2017)
- **Evaluation of Faculties of Medicine and Pharmacy**, Agence Universitaire de la Francophonie and Ministry of Education and Higher Education Lebanon (2018)
- **Moodle Course Creation (MCC)** — Certified Trainer, Beirut Arab University (2018)

Policy Engagement, Leadership & Professional Capacity Building

- **Regulating Food Supplements in Lebanon: Global Perspectives, Local Action**, workshop organized with Ministry of Public Health Lebanon, Australian Lebanese Medical Association, and International Organization for Migration (2025)
- **Training of Trainers – Enterprise Development & Investment Promotion**, United Nations Industrial Development Organization (2019)

Institutional and Professional Service

- Member of **Students Affair Committee**, Beirut Arab University, Beirut, Lebanon, 2023-present
- Member of **Disciplinary Committee**, Beirut Arab University, Beirut, Lebanon, 2025-present
- Member of **Curriculum Committee**, Faculty of Pharmacy, Beirut Arab University, Beirut, Lebanon, 2025-present

- Member of the **International Federation of Pharmacists (FIP)**, Academic committee, 2022-present
- Member of the **Scientific committee at the Lebanese Order of Pharmacist (OPL)**, 2021-2022; 2025-Present
- Member of the **Academic Board committee at the Lebanese Order of Pharmacist (OPL)**, 2021-2023; 2025-Present
- Member of **Faculty Council**, Faculty of Pharmacy, Beirut Arab University, Beirut, Lebanon, 2017-present
- Member of **Quality Assurance Center (QAC)**, Beirut Arab University, Beirut, Lebanon, 2015-2021
- Member of Library committee, Faculty of Pharmacy, Beirut Arab University, Beirut, Lebanon. 2014-2016
- Member of the **Official National Examination Committee** for pharmacist at their entry to practice level (colloquium exam), **Ministry of Higher Education**, 2012-2014; 2025-present 2026
- Member of the **Lebanese Order of Pharmacist (OPL)**, 2008- present

International Research Collaboration & Academic Networking

Active collaborations with international academic institutions and global pharmacy organizations, contributing to interdisciplinary research, pharmaceutical education development, and professional advancement.

Europe

- Germany – Reisenberg University
Collaboration with Nahed El-Najjar on research related to anticancer drug development, resulting in one peer-reviewed publication.
- United Kingdom – University College London / International Pharmaceutical Federation (FIP)
Collaboration with Ian Bates on resilience in pharmaceutical education. One manuscript submitted to BMC Medical Education.

Asia-Pacific

- Australia – University of Sydney / International Pharmaceutical Federation (FIP)
Academic collaboration with Dalia Bajis on pharmacy education and professional development initiatives.
- South Korea – Chungbuk National University
Collaboration with Mi Kyeong Lee on isolation of bioactive compounds from *Salvia*, with one manuscript submitted.

Middle East Regional Collaborations

- Kuwait – Kuwait University
Collaboration with Asmaa Al-Haqan on pharmacy education and professional practice research.

- Qatar – Qatar University
Collaboration with Banan Mukhalalati on pharmacy workforce development and educational research.
- Jordan – Yarmouk University
Collaboration with Saja Alnahar in pharmacy education and professional practice research.
- United Arab Emirates – University of Sharjah
Collaboration with Mohamad Alam and Farah Naja on projects related to upscaling the pharmacy profession and pharmacists' role in complementary and alternative medicine (CAM), resulting in three peer-reviewed publications.

Professional Experience (Pharma)

- **Key Account Manager**, SANOFI (multinational pharmaceutical company), Consumer Healthcare Dept., Beirut, Lebanon, 2014
- **Field Supervisor**, Supervisor on Pharmacy Care Line, Sales Dept., Sanofi-Aventis, Liban, 2010-2013
- **Medical Representative**, Pharmacy Care Line, MERSACO s.a.l., Lebanon, 2007-2009
- **Community Pharmacist**, Al Amine Pharmacy, Saida, Lebanon, 2010- 2014

Technical Skills

- Statistical software: SPSS, GraphPad Prism, MegaStat
- Digital learning platforms: Moodle, Microsoft Teams, Zoom, Webex
- Software: Microsoft Office, Camtasia, ActivInspire, Adobe
- Language: Arabic (native), English (Fluent)

Awards and Honors

- Lebanese Order of Pharmacists Innovation Award (2017)
- Beirut Arab University Award for Top Pharmacy Student (2007)
- Ministry of Higher Education Award for Academic Excellence (2002)

References

Available upon request.