

Mohamad Ali Mustapha Hijazi



Personal Data

Position Professor (Assistant) of Pharmacognosy and Medicinal plants
Department of Pharmaceutical Sciences, Faculty of Pharmacy,
Beirut Arab University (BAU), Lebanon

Born: 1st August, 1984 in Saida, Lebanon

Nationality: Lebanese

Address: Beirut Arab University, Hariri Blg, first floor, Rm 119. Beirut,
Lebanon

Telephone: +961-1-300110 ext. 2794
+961-70-842028

Email: m.hijazi@bau.edu.lb; Mohamad.hijazi102@gmail.com

Research Gate
webpage: https://www.researchgate.net/profile/Mohamad_Ali_Hijazi

Google Scholar
webpage: <https://scholar.google.com/citations?user=Ba5waR8AAAAJ&hl=en>

Education

Ph.D.	Pharmaceutical Sciences (Phytotherapy), Beirut Arab University, Lebanon,	2017
M.Sc.	Pharmaceutical Sciences (Pharmacognosy), Beirut Arab University, Lebanon,	2011
B.Sc.	Pharmaceutical Sciences, Beirut Arab University, Lebanon,	2007

Academic History

Assistant Professor	Department of Pharmaceutical Sciences, Faculty of Pharmacy, BAU, Lebanon	2017-present
Lecturer	Department of Pharmaceutical Sciences, Faculty of Pharmacy, BAU, Lebanon	2014-2017
Research Assistant	Department of Chemistry, American University of Beirut (AUB), Lebanon	2015-2017
Course Coordinator	Pharmacy Practise Experience II, Department of Pharmacy Practice, Faculty of Pharmacy, BAU, Lebanon	2014-present
Preceptor	Pharmacy Practise Experience I, II, III, and IV, Department of Pharmacy Practice, Faculty of Pharmacy, BAU, Lebanon	2010-2016
Teaching Assistant	Faculty of Pharmacy, BAU, Lebanon	2007-2013

Contribution to Teaching

PHAR252	Pharmaceutical Organic Chemistry I	2007-2009
PHAR256	Pharmaceutical Organic Chemistry II	2007-2009
PHAR272	Natural Therapies II	2010-2011 2015-2017
PHAR261	Natural Therapies I	2012-2016
PHAR282	Modern Isolation & Separation Techniques	2011-Present
PHAR471	Phytochemistry	2011-2017
PHAR461	Recent Approaches in Phytotherapy	2017-Present
PHAR586	Inter Professional Education (IPE)	2014-2017
PHAR255	Communication Skills in Pharmacy Practise	2015-2017-Present
PHAR375	Research Design & Drug Literature	2018-present

Pharmaceutical Experience

Key Account Specialist	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

Research Skills

Pharmacognosy & Phytochemistry	Extraction, isolation, and purification of natural components Expert in different chromatographic techniques Spectroscopic analysis and structural elucidation
Biological activity testing	Anticancer activity testing Analgesic and anti-inflammatory activity testing Antimicrobial activity testing
Pharmacy Profession	Up scaling the role of Pharmacists & Pharmacy Profession in Lebanon through quantitative and qualitative design. Analysis of pharmacists supply, distribution, workforces, as well health policies and regulations to explore gaps, challenges, and improvement opportunities
Epidemiology	Evaluate dispensing and practicing behaviour of health care providers to examine gaps and opportunities in the knowledge, skills, practicing behaviour especially towards Complementary & Alternative Medicine. My aim is to provide scientific evidence for the effective and safe use of CAM products as well as their best practices and services

Technical Skills

Statistical Packages	SPSS, MegaStat, and Prizm
Language	English and Arabic

Professional Training & Workshop

- “Online teaching techniques and tools”, DIGIHEALTH training module 2, UNIMED and LNU, Erasmus+ Program of the European Union, 23rd Feb 2021.
- “Innovative DIGItal skills & teaching methods for effective health education in Lebanon & Syria”, by UNIMED and LNU, Erasmus+ Program of the European Union, 15th -23rd Feb 2020,
- “E-learning: Towards an attainable and sustainable ecosystem for online learning”. Dr. Ziad H. Najem, KFAS Academy, 5th October 2019, Beirut, Lebanon
- Training of Trainers program on “Enterprise Development & Investment Promotion” United Nations Industrial Development Organization (UNIDO), Investment and Technology Promotion Office, from 18th -20th June 2019, Beirut, Lebanon.

Educational Workshop

- “Quality Assurance Workshop”, Evaluation of Faculties of Medicine and Pharmacy. Agence Universitaire Francophonie (AUF), Ministry of Education & Higher Education (MEHE), November 2018.
- “Moodle Course Creation (MCC)” training, certified MCC trainer, BAU, 1-5 October 2018
- “Moodle Learning” Workshop and training on Blended learning and Moodle use, Dr Wassim Itani, Director of CEE and IC, BAU, January 2018
- “Quality Assurance in Higher Education Institutions Workshop”, Prof. Mohamad Badr Aboul-Ela, Director of the Commission for Academic Accreditation (CCA), Ministry of Higher Education and Scientific Research, United Arab Emirates, BAU, November 2017
- “Critical Thinking Workshop”, Dr Joe Peat (Head of Educational Development) and Dr. Bridget Middlemas (SEDA Programmes Convenor), University of Roehampton (London), BAU, October 2017
- “Teaching and Curriculum Development Workshop”, Dr Joe Peat (Head of Educational Development) and Dr. Bridget Middlemas (SEDA Programmes Convenor), University of Roehampton (London), BAU, October 2016

Academic Training, BAU Faculty Programs, 2014-2017

- Lerner-Centered-Teacher
- NAPRA Competencies
- Adult Learning
- Evaluation Styles
- An introduction to OSCE: How to construct an Objective Structured Clinical Examination
- The nature of assessment: A quick guide to student evaluation,
- BAU Faculty and Preceptor Training Program
- Diabetic patient education and self-management of diabetes

Communication, Sales, and Marketing Sessions, SANOFI 2008-2014

Full certified program including the following sessions:

- How to Win Your Audience I & II
- Professional Presentation & communication Skills
- Merchandizing
- Physician Partnership Program (Personality Style, Adoption Process, Questioning Skills, Interactive Listening, Initial Approach, Sales Dialogue, The Close, Post call)
- Leading the change (The change program, seven habits of highly effective people, who moved my cheese?)

Undergraduate training:

- Principles of Marketing training (CCE center at BAU, April 2007-June 2007)
- Clerkship in Clinical Pharmacy (Dar Al Ajaza Al Islamia, Makassed Hospital, Rafic Hariri University Hospital, November 2006 - May 2007)

Scientific Achievements

PATENT:

A Pharmaceutical Preparation of Lebanese Plant Extract as Potential Natural Opioid Analgesic and Remedy for Treatment of Opioid Dependence. Lebanese Patency, MET, PATENCY Nb. 11070.

Published Research Article:

Hijazi MA*, Hijazi K, Bouhadir K, Fatfat Z, Aboul-Ela M, Gali-Muhtasib H, and Ellakany A (2021). "Anticancer Activity of Abietane Diterpenoids from *Slvia libanoticum* Grown in Lebanon". *Pharmacognosy Magazine, Accepted Dcember 2020*.

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.

Hijazi MA*, Aboul-Ela M, El-lakany A (2014). Volatile Oil of *Matricaria aurea* grown in Lebanon. *Academia Journal of Medicinal Plants*, 2(9) Accepted 4th September 2014. DOI: 10.15413/ajmp.2014.0112

Book chapter:

Maha Aboul Ela, Abdalla El-Lakany and Mohamad Ali Hijazi (2012). General Introduction on Family Asteracea, Phytochemicals - A Global Perspective of Their Role in Nutrition and Health, Dr Venketeshwer Rao (Ed.), InTech, DOI: 10.5772/28956

Conferences:

M.A. Hijazi, M. Aboul-El, A. El-Lakany; "Introduction to Genus *Matricaria* (Chemistry and Pharmacology)". 4th Annual Poster Conference in Biology & Biomedical Sciences; Lebanese American University, Beirut, May 2011

M. Aboul-Ela, M. Abdul-Ghani, M.A. Hijazi, A. El-Lakany; "Investigation of Volatile Oil Constituents of *Matricaria chamomilla* Grown in Lebanon." International Conference of Recent Advances in Pharmaceutical Research and Technology. Beirut Arab University, Beirut, May 2010

Thesis supervision:

Supervising Pharma D (Doctor of Pharmacy) thesis titled:

- "Knowledge, attitude, and practice of pharmacists regarding drug shortage", Faculty of Pharmacy, BAU, 2021

- "Assessment of Weight Gain in Females during Pregnancy in Beirut", Faculty of Pharmacy, BAU, 2019

-- "Assessment of Smoking Risk factors on Cardiovascular Diseases in Beirut", Faculty of Pharmacy, BAU, 2019

- Assessment of the Lebanese Community Pharmacist Knowledge, Practice and Barriers Regarding Prevention of Osteoporosis, Faculty of Pharmacy, BAU, 2020

Peer Review:

Records of Natural Products-1307-6167 (2018-present)

Journal of Natural Products-ISSN: 0974-5211 (2017-present)

Biomedical Report- 7703-185184-04 (2017-present)

Anti-Cancer Agents in Medicinal Chemistry- ISSN: 18715206, 18755992 (2017-present)

Membership

Member of Faculty Council, Faculty of Pharmacy, Beirut Arab University, Beirut, Lebanon, 2017-present

Acting Treasure of Pharmaceutical Sciences Department, Faculty of Pharmacy, Beirut Arab University, Beirut, Lebanon, 2017-present

Member of the Lebanese Order of Pharmacist (OPL), 2008- present

Member of Quality Assurance Centre (QAC), Beirut Arab University, Beirut, Lebanon, 2015-present

Member of Quality Assurance Unit (QAU), Faculty of Pharmacy, Beirut Arab University, Beirut, Lebanon, 2014-present

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

Awards

- Rewarded by Lebanese Order of Pharmacist (OPL) for innovating a new pharmaceutical preparation for treatment of opioid dependence, 2017

-Beirut Arab University Award for Top Pharmacy Student, Lebanon, 2007

-The Ministry of Higher Education Award for Top Baccalaureate Students, Lebanon, 2002

References

Available upon request