

May Saab, PhD in Pharmaceutical Technology

Associate Professor
Faculty of Pharmacy
Beirut Arab University

PERSONAL INFORMATION



📍 Mar Elias street, Beirut, Lebanon.

☎ 01-301080 📠 03-761032

✉ saabk.may79@bau.edu.lb,
saabk.may79@yahoo.com

Sex Female | **Date of birth** 13/11/1979 | **Nationality** Lebanese/French

WORK EXPERIENCE

2026 till this date	• Head of Pharmaceutical Technology Department • Quality Assurance Unit Director
2021-2016	• Assistant Dean (Faculty of pharmacy, Beirut Arab University, Beirut, Lebanon),
2016-2026	• Associate Professor (Faculty of pharmacy, Beirut Arab University, Beirut, Lebanon): ▪ “Cosme-Pharmaceuticals” course (2016 till this date) ▪ “Drug Delivery Systems” course (2019 till this date) ▪ “Pharmaceutical dosage forms” course (starting 2021 till this date) ▪ “Pharmaceutical Manufacturing” course (starting 2024 till this date) ▪ “Pharmacy Practice II” course (2016-2023) ▪ “Pharmacy Practice V” course (2016-2020) ▪ “Biopharmaceutics & Pharmacokinetics” course (starting 2016 till this date) ▪ “Advanced Clinical Pharmacokinetics” course (starting 2014 till this date) ▪ “Natural polymers in drug delivery” course (2018 till this date) ▪ Work Ready Now course (2021-2023) ▪ Assessor in OSCE exit exam (2018-2020) ▪ Course coordinator of Pharmacy Practice Experience IV (2016 till this date) ▪ Supervision of more than 20 Pharm D theses, 4 Master theses in pharmaceutical technology and one PhD thesis ▪ Examiner of more than 25 PharmD theses and one PhD thesis
2009-2016	Lecturer (Faculty of pharmacy, Beirut Arab University, Beirut, Lebanon): ▪ Pharmaceutical calculation course ▪ Hospital pharmacy course ▪ “Inter-professional Education” Facilitator (2015-2016)

2006-2014	Laboratory Instructor (Faculty of pharmacy, Beirut Arab University, Beirut, Lebanon): - Principles and kinetics of drug stability - Pharmaceutics - Drug delivery systems - Biopharmaceutics and pharmacokinetics
2003-2006	Medical representative (Chiesi Lab, Beirut, Lebanon). Laboratory assistant (Faculty of pharmacy, Beirut Arab University, Beirut, Lebanon): - Botany - Biochemistry - Analytical chemistry

EDUCATION AND TRAINING

Education	
2009-2016	PhD Degree in Pharmaceutical sciences, specialized in “Pharmaceutics”, thesis entitled: “Design and evaluation of some site-specific drug delivery systems within the gastrointestinal tract”, Beirut Arab University, Beirut, Lebanon.
2005-2009	Master’s Degree in Pharmaceutical sciences, specialized in “Pharmaceutics”, thesis entitled: “Design and evaluation of some mucoadhesive drug delivery systems”, Beirut Arab University, Beirut, Lebanon
1998-2003	Bachelor in Pharmacy, Beirut Arab University, Beirut, Lebanon
1996-1997	Lebanese Bacc. Sciences experimental, Saint Elie Betina, Beirut, Lebanon.
Training	
2026	“Research Communication Lab 1: Fundamentals of Publishing” webinar. Taylor and Francis Group. 28 January 2026. “Research Communication Lab 2: Choosing a Quality Journal for Your Work” webinar. Taylor and Francis Group. 25 February 2026. “Research Communication Lab 3: Fundamentals of Research Integrity & Publishing Ethics’ webinar. Taylor and Francis Group. 18 March 2026. “Research Communication Lab 4: Research Integrity & Publishing Ethics” webinar. Taylor and Francis Group. 16 April 2026. “Research Communication Lab 5: Mastering Academic Article Writing for Medicine and Health’ webinar. Taylor and Francis Group. 5 and 6 May 2026. “Research Communication Lab 5: Mastering Academic Article Writing for Science and Technology” webinar. Taylor and Francis Group. 12 and

	13 May 2026. “Research Communication Lab 6: Essentials of Effective and Impactful Peer Reviewing” webinar. Taylor and Francis Group. 17 June 2026. “Research Communication Lab 7: Research Data Management and Sharing” webinar. Taylor and Francis Group. 26 August 2026. “Fundamentals of Artificial Intelligence and Smart Applications” webinar series. Jordanian Artificial Intelligence Season 2026. “Digital Creativity and AI-Driven Content Creation” webinar series. Jordanian Artificial Intelligence Season 2026.
2025	“Communication and Presentation Skills for Academic Excellence” workshop, by Dr. Mohammad Issa, BAU, 19-22 May 2025. “Impact of Artificial Intelligence on Education and Research” Workshop, BAU, 30 May and 22 August, 2025 “Visible Learning in the Age of AI: The Role of OSPEs in Pharmaceutical Science”. FIP. 2 October 2025.
2024	“The Future of Academia in Light of Artificial Intelligence” workshop, by Dr. Shereen Hamadeh, Via, Education Strategists, April 26, 2024. “Employer Engagement in Higher Education”, series of webinars by the Higher Education and Capacity Development Program, USA, 14 November and 4 December 2024
2023	“3D and 4D printing in Pharmaceutics” Webinar, MDPI, The Academic Open Access Publishing, 8, February 2023
2022	Effective Problem Solving and Decision Making” offered by “Coursera”, 28 May 2022
2021	“Pharmacovigilance Awareness Webinar”; Delivered by Sara Bahr, Pharmacovigilance Manager Levant, Iraq and North East Africa, 11-2-2021 “Building a Culture of Research and Grant Funding”, 17 June 2021. “Planning and Setup of a Grant Administration Infrastructure”, 24 June 2021 “The Benefits of Grant Writing and Sponsored Programs”, 1 July 2021 “Tips and Strategies on Proposal Development”, 8 July 2021 “Grant Writing Practicum”, 15 July 2021. Delivered by International Experts from Florida State University as part of the “Grant Writing in Higher Education” Webinar Series under the auspices of the Higher Education Capacity Development (HECD) Program funded by the United States Agency for International Development (USAID)

2020	“Work Ready Now” course workshop; Delivered by International Experts from Education Development Centre under the auspices of the Higher Education Capacity Development (HECD) Program funded by the United States Agency for International Development (USAID), December 7-11, 2020.
2018	“Quality Assurance Workshop”. Agence Universitaire de La Francophonie (AUF) Ministry of Education and Higher Education, November 30, 2018. “Teaching threshold concepts and recognizing cognitive overload: Evaluating academic practice on our taught programs”, on 10 November 2018, delivered by Dr. Bridgent Middlemas and Dr. Jo Peat, University of Roehampton, London. “HLA typing by NGS and beyond”, by Professor Ali Hajeer, Prof. of immunogenetics, Ass. Dean college of medicine, King Saudi bin AbdulAziz University of Health Sciences, Ali Rached Hall, Beirut Arab University, Beirut Campus.
2017	CNRS and DAAD workshop: “Successful Research Proposals For Young Researchers - From Idea To Implementation” “AphA micromedex and access pharma” by Dr. Ghada Khayat, Tecknowledge, Jordan “Systematic reviews workshop” by Aida Farha, Medical information specialist, Saab medical library, AUB.
2015	“Web of Science” and “JCR Tool Training”, by Mr. Amine Triki from Thompson Reuters.
2014	“The Enhancement of Staff-Members Teaching skills” By Dr. Wessam Al Chibani, Beirut Arab University. “Authentic teaching and learning”, “Assessment of competencies”, “Education in workplace” and “Adult learning principles”, by Prof. Hussam Hamdy, director of institute of leadership in higher education, Sharjah university.
2003	“How to write a scientific paper”, Faculty of pharmacy, Beirut Arab University.
1999-2003	Pharmacy training, Nana Pharmacy, Beirut, Lebanon
1998-1999	Pharmacy training, Sinno Pharmacy, Beirut, Lebanon

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C	C	C	C	C
French	C	C	C	C	B

Levels: A1/2: Basic user - B1/2: Independent user - **C1/2 Proficient user**
Common European Framework of Reference for Languages

Communication skills

- Very good written and verbal communication skills
- Confident, articulate, and professional speaking abilities gained through several workshops and years of experience in teaching and mentoring students (Speaking in public, to groups, or via electronic media)
- Excellent presentation skills
- Empathic listener and persuasive speaker

Organisational / managerial skills

- Manage time and deadlines effectively
- Prioritize tasks
- Structure data
- Maintain a clean physical space at work
- File documents, paperwork and other materials (i.e. Student advising files, course files, accreditation files, extracurricular activities files..)
- Lead projects to completion and keep track of steps in processes (Supervision of postgraduate studies and postdoctoral Research...)
- Course Coordinator of Pharmacy Practice Experience IV, where I lead a team of preceptors, provide them with orientation sessions and follow up with them students' evaluation throughout the experiential course.
- Contribute in the Faculty curriculum development and accreditation
- Supervision of the Pharmacy Site at Beirut Arab University HealthCare Centre
- Follow up the storage condition and inventory management of the warehouse related to Beirut Arab University HealthCare Centre
- Supervision of open doors event as a representative of the faculty of pharmacy

Computer skills

- Very Good command of Microsoft Office™ tools, research tools and online digital learning tools.

Research skills

- Very Good research skills in polymer based and sustained release systems. In addition to a proficiency in targeted and nanoparticulate drug delivery systems.

ADDITIONAL
INFORMATIONS

Publications	- May Saab, Hoda El Maradny. Emerging role of transdermal nanoemulsions and nanoemulgels based on natural oils with multifaceted functions: promising platform with challenges and future perspectives. <i>International Journal of Applied Pharmaceutics</i>, 2026; 18(4): 54-66. - Dana Jammoul, Toros Torossian, Mohamed Issa, May Saab, Chaza Harmouch, Rami Mhanna, Kawthar K Abila. Umbilical cord mesenchymal stem cell exosomes in breast cancer. False hope or a real solution? <i>Clinica Chimica Acta</i>, 2026 Apr 15. 586:120915. doi: 10.1016/j.cca.2026.120915. Epub 2026 Feb 20. - Hala Sacre, May Saab, Chadia Haddad, Mansour Haddad, Rony M. Zeenny, Marwan Akel, Aline Hajj, Katia Iskandar & Pascale Salameh. The specialized competency framework for industry pharmacists (SCF-IP): validation and pilot assessment. <i>Journal of Pharmaceutical Policy and Practice</i>. 2023; 16: 96. https://doi.org/10.1186/s40545-023-00602-8 - Amani Mehtar, Azza Gazy, Marwa al Jamal, May Saab. "Knowledge and perceptions of patients towards generic and local medications: The lebanese version". <i>Pharmacia</i>. 2023; 70: e98699. https://doi.org/10.3897/pharmacia.70.e98699 - May Saab, Souraya Domiati. "Vaccination for newly emerged infectious diseases as a blessing or curse from the perspective of the Lebanese population: a two-phase study". <i>BAU Journal-Health and Wellbeing</i>. 2022; 5(1): article 3. https://www.doi.org/10.54729/YAZH6193 - Hoda El Maradny, May Saab. "Spray-dried co-amorphous Tadalafil ternary mixtures: a promising platform towards the enhancement of solubility and bioavailability". <i>Brazilian Journal of Pharmaceutical Sciences</i>. 2022; 58: e20622. https://doi.org/10.1590/s2175-97902022e20622 - May Saab, Karim Raafat, Hoda El Maradny. "Transdermal delivery of capsaicin nanoemulgel: Optimization, skin permeation and in-vivo activity against diabetic neuropathy". <i>Advanced Pharmaceutical Bulletin</i>. 2022; 12(4): 780-790. doi: 10.34172/apb.2022.080 - Mohammed Mehanna, May Saab. "Knowledge and beliefs of adolescents about acne: baseline and post baseline and post-intervention assessments using an an interactive educational tool". <i>BAU Journal-Health and</i>
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	Wellbeing. 2021; 3(2): article 3. https://digitalcommons.bau.edu.lb/hwbjournal/vol3/iss2/3 - May Saab, Souraya Domiati. "Hand sanitizers use during covid-19 pandemic: knowledge, preference, and adherence of a sample of the Lebanese population". BAU Journal-Health and Wellbeing. 2021; 3(3): article 5. https://digitalcommons.bau.edu.lb/hwbjournal/vol3/iss3/5 - Razan Soubra, Azza Gazy, May Saab, Marwa al Jamal. "Identification and quantification of phosphodiesterase-5 inhibitors as adulterants in dietary supplements marked for sexual enhancement in the Lebanese market". International Journal of Pharmacy and Pharmaceutical Sciences. 2020; 12(3):57-62. https://doi.org/10.22159/ijpps.2020v12i3.36527 - May Saab, Mohammed Mehanna. "Disintegration time of orally dissolving films: various methodologies and in-vitro/in-vivo correlation". Die Pharmazie. 2019; 74 (4): 227-230. doi: 10.1691/ph.2019.8231 - May Saab, Wael Samy, Mohammad Issa, Hoda el Maradny. Design and preparation of controlled floating gastroretentive delivery systems for enhanced fexofenadine hydrochloride oral bioavailability. Tropical Journal of Pharmaceutical Research. 2018; 17 (4): 569-576. - Alternative approaches in formulating floating hollow tablets <i>via</i> sublimation technique; a platform tailored drug release profile", 2016, 71: 701–708. - Intrinsically floating gastroretentive tablets of salbutamol sulphate using different sublimable/release retarding materials: a comparative study. International journal of pharmacy and technology". 2015,7(2): 8094-8109. - Design and evaluation of mucoadhesive buccal patches for local delivery of chlorhexidine digluconate" in "International journal of drug formulation and research", 2012; volume 3.
Conferences and workshops	• Presentation: "Innovations in the Pharmaceutical Industry:The Case of Nanoparticles". MedTech World Conference, Valetta Malta. 13 November 2025. • Moderator: "Emerging Technologies and Analytical Complexities in Modern Pharmaceuticals". MedTech World Conference, Valetta Malta. 13 November 2025. • Presentation: "Curriculum Review: Process and Outcomes" in the Annual Lebanese Pharmacy Schools Symposium "United in action: Pharmacy education and practice advancement" on February 17 2024. • Presentation: "National Pharmacist Qualification Framework" As part of the national pharmacy workshop "Pharmacy: solutions for the sector and future vision" on 27 May, 2023

	• Presentation: “Novel Oral Drug Delivery Systems” in “Dardacha Talks” event, organized by CNRS and hosted by BAU. The event was dedicated to woman in research as a platform to communicate research ideas, fundings and contemporary discussion of recent scientific discoveries, 14-10-2019. • Presentation: “Role of Assessment in Pharmacy Education”. Third Forum on Advancing Pharmacy Education, May 8-9, 2018, Beirut Arab University (BAU), Beirut, Lebanon. • Presentation: “Gastroretentive Drug Delivery Systems: A New Approach for Enhancing Drug Bioavailability”. Lebanese Order of Pharmacist 26th Annual Congress: Teaming up for excellence in patient care. 16 November 2018. • Poster entitled: Formulation and in-vitro release kinetics of gastroretentive floating tablets of fexofenadine hydrochloride, in the 20th Annual LAAS conference (Lebanese Association For The Advancement of science), New Frontiers in sciences, March 27-29, 2014. • Poster entitled “Formulation and Evaluation of Metronidazole Mucoadhesive Buccal Patches for The Treatment of Periodontal diseases” at the BAU International Pharmacy Conference 2010 (Recent Advances in Pharmaceutical Research & Technology)
Memberships	• Member in the technical committee of “Libnor” (the Lebanese standards institution affiliated to the ministry of industry) for the Follow- Up Formula intended for infants (2025 till this date). • Member in the “Pharmacy Colloquium Committee” at the Ministry of Education and Higher Education, Lebanon (since 2016 till this date). • Member in the Order of Pharmacist of Lebanon since 2004 • Member in the “Academic Board Committee” at the Order of Pharmacists of Lebanon (2016-2019) • Member in the “Academic Board Committee” and “Industrial Pharmacy Committee at the Order of Pharmacists of Lebanon (2026) • Member in the “University Professors Committee” at the Order of Pharmacists of Lebanon (2021-2022) • Member in the “community service committee” in the Faculty of Pharmacy, BAU (2025). • Member in the “Strategic Planning Committee” in the Faculty of Pharmacy, BAU (2022-2023). • Member of the “Dean’s Advisory Committee” in the Faculty of Pharmacy, BAU (2022-2023). • Member of the “Quality Assurance Committee” in the Faculty of Pharmacy, BAU (2022-2023). • Member of the “Students Affairs Committee” in the Faculty of Pharmacy, BAU (2022-2023).

	• Member in the “Library Committee” in the Faculty of Pharmacy, BAU (2016, 2017). • Member of the Faculty of Pharmacy council, BAU (2016-2018 and from 2021 until this date). • Member and secretary of the Faculty of Pharmacy council, BAU (2017-2018).
References	Upon request