



ALINE HAJJ

SHORT BIOGRAPHY

Aline Hajj is an Associate Professor, clinical pharmacist, and researcher at the Saint-Joseph University of Beirut (USJ). She earned her PharmD degree in 2005 and her university Diploma in Clinical and Hospital Pharmacy in 2006 from USJ. She completed her PhD in Pharmacology and got her degree from Paris Descartes and USJ. Laureate of the Faculty of Pharmacy of Paris Descartes (2009) and finalist of the "Franco-Lebanese Excellence Award" (2015), she was an invited professor at the University of Minho, Braga, Portugal in 2018, selected by the Erasmus+ International Credit Mobility UMove project and at the Universités de Paris in 2020. Selected twice by the Lebanese National Commission for UNESCO in collaboration with the National Observatory for Women in Research- DAWReK'n to represent Lebanese female scientists in the events "Dardacha Talks - for Science Detox" & "Unlocking Science", Dr. Hajj is currently conducting her research projects at the LPCQM laboratory, working mainly on pharmacogenomics and clinical pharmacy projects to provide the best pharmaceutical care to patients in the context of personalized medicine (neuropsychiatry, pain management, oncology, chronodisruption). Dr. Hajj served as an active member of the central committee and several subcommittees at the Order of Pharmacists of Lebanon and a member of the Research Committee at the Women Heart Health Center Yaduna Foundation, Lebanon. She was selected as a jury member for the evaluation of research projects including (CNRS, Cèdre, AUF, and the L'Oréal-UNESCO For Women in Science Levant Young talents). She co-authored more than 75 publications in several international peer-reviewed journals/book chapters and has several presentations and posters at international congresses and meetings.

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EDUCATION

PhD: pharmacology
Université Paris Descartes, Paris- France, France, 2012

PhD: Pharmacology
Saint-Joseph University, Beirut- Lebanon, 2012





AFS **Université Paris Descartes**, Paris, France, 2010

Master 2: Preclinical And Clinical Pharmacy **Saint-Joseph University**, Beirut, Lebanon, Lebanon, 2008

Masters 2: Experimental And Clinical Pharmacology Research **Saint-Joseph University**, Beirut, Lebanon, Lebanon, 2008

University Diploma: Clinical And Hospital Pharmacy **Saint-Joseph University**, Beirut, Lebanon, Lebanon, 2006

RESEARCH HIGHLIGHTS

	Scopus Profile: Hajj, Aline, Saint-Joseph University, Faculty of Pharmacy, Beirut, Lebanon Author ID: 35795236000; h-index: 16 https://www.scopus.com/authid/detail.uri?authorId=35795236000
	ResearchGate Profile: Aline Hajj, PharmD, PhD RG Score: 32.09; h-index: 17 https://www.researchgate.net/profile/Aline_Hajj
	Google Scholar: https://scholar.google.com/citations?user=IYCQAQ4AAAAJ&hl=fr&oi=ao
	ORCID ID: https://orcid.org/0000-0003-0826-6033

SKILL HIGHLIGHTS

- Academic Counseling
- Cultural Awareness
- Complex problem solver
- Critical Thinking
- Team Leadership
- Student Engagement
- Student-Centered Learning
- Personalized care/ empathy for patients
- Time Management
- Organization & Prioritization
- Grant Writing
- Verbal & Written Communication

PharmD: Doctorat
D'exercice En Pharmacie
Saint-Joseph University,
Beirut, Lebanon,
Lebanon, 2005

Certificates in Molecular
Biology, Immunology &
Genetics **Saint-Joseph
University**, Beirut,
Lebanon, Lebanon, 2005

Master 1: Biology **Saint-
Joseph University**,
Beirut, Lebanon, 2005

English Proficiency
Certificate **Georgetown
University**, D.C.,
Washington, USA, 2005

TITLES, PRIZES & GRANTS

Sept 2022	Professor in Clinical Pharmacy (Faculty of Pharmacy, Laval University, Québec City, Canada)
Since 2019	Associate Professor (Saint-Joseph University, Beirut, Lebanon)
2021	Selected by the Lebanese National Commission for UNESCO in collaboration with the National Observatory for Women in Research-DAWReK'n to represent Lebanese female scientists in the event "Unlocking Science"
2021	Selected as jury member for the evaluation of "L'Oréal-UNESCO For Women in Science Levant Young talents"
2019	Selected by the National Observatory for Women in Research-DAWReK'n, the National Council for Scientific Research, the Lebanese National Commission for UNESCO & the Saint-Joseph University, to represent Lebanese female scientists in the first "Dardacha Talks - for Science Detox"
2018	Award granted by the Universidade do Minho (Portugal) in framework of the Erasmus+ International Credit Mobility – UMove(ME) project to give courses to medical students and open seminar
2015	Selected as a finalist to the Franco-Lebanese Excellence award (Prix d'excellence franco-libanais) organized by the « <i>Société d'entraide des Membres de la Légion d'Honneur – Liban</i> » in collaboration with the French Institute of Lebanon
2012	Assistant Professor (<i>Maître de conférences</i>), Saint-Joseph University - Beirut, Lebanon
2010-2011	Eiffel Scholarship for excellence (Bourse d'excellence Eiffel), Paris, France
2009	Laureate of the faculty of Pharmacy of Paris Descartes (1 st prize)
2005-2006	Residency in clinical and hospital Pharmacy (Hôtel-Dieu de France hospital - Beirut, Lebanon)
2009	Doctoral Scholarship for mobility of Paris Descartes University (BDMU), Paris, France
2008	Doctoral Scholarship of Saint-Joseph University, Beirut, Lebanon

TEACHING ACTIVITY

- 2019- Present: Associate Professor (Saint-Joseph University of Beirut)
- 2012- 2019: Assistant Professor (Saint-Joseph University of Beirut)

Medical and Paramedical Teaching: 15 years of experience

Faculty of Pharmacy (Saint-Joseph University of Beirut):

COURSES

- ▶ **Pharmacology courses: 3rd and 4th year (since 2008): 75 hours/year**
 - **Neuropharmacology**
 - Neurotransmission and Pharmacology of the autonomic and somatic motor nervous systems
 - Pharmacology of Alzheimer's disease
 - Neurotransmission and Pharmacology of dopamine
 - Pharmacology of Alzheimer's disease
 - Pharmacology of psychosis and schizophrenia
 - Neurotransmission and Pharmacology of 5-Hydroxytryptamine (Serotonin)
 - Pharmacology of depression
 - Pharmacology of migraine and headache disorders
 - Neurotransmission and Pharmacology of GABA
 - Pharmacology of the epilepsies
 - Pharmacology of anxiety disorders
 - Pharmacology of sleep disorders
 - **Gastrointestinal pharmacology**
 - Pharmacotherapy of gastric acidity, peptic ulcers & gastroesophageal reflux diseases
 - Pharmacotherapy of emesis
 - Pharmacotherapy of gastrointestinal motility (constipation and diarrhea)
 - **Pharmacology of neoplastic diseases (oncology)**
 - General principles in the pharmacotherapy of cancer
 - Pharmacology of cytotoxic drugs
 - Pharmacogenetics and individualized treatment with cytotoxic drugs
 - Pathway-targeted therapies in oncology
 - Immunotherapy in oncology
- ▶ **Clinical Pharmacy courses: 5th year (since 2010): 25 hours/year**
 - **Clinical Oncology and palliative care**
 - General principles of drug toxicity in oncology and adverse drug events management
 - Management and pharmacotherapy of **emesis** in oncology (international guidelines)
 - Management and pharmacotherapy of **pain** in oncology (international guidelines)
 - Management and pharmacotherapy of **renal toxicity** in oncology (international guidelines)
 - Management and pharmacotherapy of **cardiotoxicity** in oncology (international guidelines)
 - Management and pharmacotherapy of **mucositis** in oncology (international guidelines)
 - Management and pharmacotherapy of **diarrhea/constipation** in oncology (international guidelines)
 - **Clinical Pulmonology**
 - Management and pharmacotherapy of asthma
 - Management and pharmacotherapy of chronic obstructive pulmonary disease (COPD)
 - General principles of drug toxicity in oncology and adverse drug events management
 - Arterial blood gases and blood gas analysis
 - General principles of pulmonary drug devices
 - **Clinical gastroenterology**
- ▶ **Clinical Pharmacy courses:**
University Diploma (Diplôme Universitaire) in clinical and hospital Pharmacy (since 2010): 6 hours/year
 - Individualized pharmacotherapy: Pharmacogenetics
 - Individualized pharmacotherapy: Drug-exercise interactions

- ▶ **Veterinary Drugs courses (since 2011): 20 hours/year**
- ▶ **Applied courses in Pharmacology-Microbiology, 3rd year (since 2010): 21 hours/year**

TRAINING

- ▶ **Coordinator and preceptor of Clinical Pharmacy** at Hôtel-Dieu de France hospital (Since 2008; 250 hours/year)
 - Oncology in-patient & out-patient departments
 - Psychiatry department
 - Neurology department
 - Pneumology department
 - Gastro-enterology department
- ▶ **Training course in clinical pharmacology research** (since 2008; 50 hours/year): introduction to pharmacogenetics and detection of genetic polymorphisms
 - DNA extraction (from blood, saliva, buccal swabs and tissues)
 - Polymorphisms analyses (Real-time PCR using FRET or Taqman techniques)
 - Gene copy number variations

Faculty of Dentistry (Saint-Joseph University of Beirut):

- ▶ Pharmacology courses, 4th year (since 2009): 21 hours/year
- ▶ Clinical pharmacology applied to pathology, 2nd, 3rd & 4th year: 10 hours/year for each class
- ▶ Interprofessional education course

Faculty of Nursing:

- ▶ Pharmacology courses, Continuous education (2009-2015): 25 hours/year

Faculty of Medicine- Physiotherapy Institute (Faculty of Medicine):

- ▶ Pharmacology courses Doctor of Physical Therapy (DPT) (since 2014): 30 hours

Masters:

- ▶ Methodology, Master 2 (since 2011): 9 hours/year
 - Molecular biotechnologies
 - Protein study including Immunohistochemistry/ immunofluorescence
 - Proteomics
- ▶ Methodology, Master 1 in Pharmacology (since 2008): 20 hours/year
 - Neuro-psychopharmacology (2 credits)
 - Clinical pharmacology, pharmacokinetics and pharmacogenetics of special populations (2 credits)
 - Introduction to scientific research and writing:
 - Research process from initiation to publication
 - Searching and managing the literature
 - Critical reading and appraisal of scientific articles
 - Research project implementation
 - Introduction to grant writing
 - Importance of research ethics
 - Medical manuscript writing
 - Communicating science to the public, including conference presentation and preparation as well as public speaking tips

Course coordination

- Coordinator of Therapeutics/Clinical Pharmacy Module 1 courses (5th year Pharmacy)
- Coordinator of Clinical Pharmacy courses (University Diploma in clinical and hospital Pharmacy)
- Coordinator of experiential pharmacy (neurology and gastroenterology, 3rd year Pharmacy)

Teaching mobility experience

- **2018:** Selected by the Erasmus+ International Credit Mobility – UMove (ME) project to give courses at the University of Minho (Portugal):
 - Pharmacology of opioid drugs for medical students: 3 hours
 - Therapeutics of neurodegenerative disorders (Parkinson's disease and Alzheimer disease) for medical students: 4 hours
 - Open seminary on "Neuropsychopharmacology" for Master and PhD students: 1 hour.
- **2021:** Invited Professor by Pr Bruno Megarbane (CEDRE project) to give courses at the Universités de Paris.

Administrative responsibilities

- **Since January 2014:** Assistant to funding opportunities and research policy, Vice-presidence for research Department (USJ).
- **Since 2012:** Representing the faculty of Pharmacy at students and career fairs (at the university or schools): seminars, open discussion with students, orientation, zoom meeting, etc.
- **Since 2017:** Participating to the preparation of the *Conférence Internationale des Doyens des Facultés de Pharmacie d'Expression Française* -CIDPharmEF- accreditation file and process.
- **Since 2020:** Participating in the development of the Online Teaching methods and process implemented since the beginning of the COVID-19 pandemic (USJ).

THESIS SUPERVISION

Supervising students to accomplish their final Pharm.D. projects (5th year of Pharmacy students, n=50)

- JURDI (el) Marianna: Etudes rétrospective de la consommation des antibiotiques et l'émergence des résistances au centre hospitalo-universitaire de l'Hôtel Dieu de France (2012, 83/100)
- MAKSOUD Elsa: Rôle du récepteur N-méthyl-D-Aspartate (NMDA) dans la nociception, la tolérance et la dépendance sous traitement opioïde (2012, 78/100)
- HATEM Hady: Prise en charge de la dépendance aux opiacés au Liban, place des traitements de substitution (2012, 78/100)
- SALIBA Rindala: Consommation des antibiotiques et émergence de résistance au centre hospitalo-universitaire de l'Hotel Dieu de France de Beyrouth : Etude rétrospective sur 5 ans (2013, 92/100)
- KHOURY Georges: Nouvelles perspectives pharmacologiques et pharmacogénétiques dans le traitement de la maladie de Parkinson (2013, 85/100)
- SEBAALY Josette: Pharmacologie et Pharmacogénétique de l'allongement du QT (2013, 84/100)
- FARES Nassim: Modélisation cellulaire pour l'étude physiopathologique et pharmacologique du syndrome de QT-long (2014, 85/100)
- HILAL Laetitia: Neurobiologie et Pharmacologie de la migraine (2014, 86/100)
- ABOU RJEILY Ramy: Les nouvelles perspectives de l'anticoagulation : de la Pharmacologie à la Biologie (2014, 85/100)
- MAALOUF Raymonde: Neurobiologie et nouvelles perspectives pharmacologiques dans le traitement de la schizophrénie (2014, 85/100)
- NASR Joey: Individualisation du traitement anticoagulant au Liban : Etablissement d'un algorithme prédictif des doses d'AVK (2015, 85/100)
- EL MOUALLEM Hanna: Neurobiologie de la migraine et sa corrélation avec le syndrome du côlon irritable (2015, 85/100)
- FAKIH Darine: Aspect cellulaire de l'étude physiopathologique de l'allongement du QT induit par les médicaments (2015, 81/100)

- TABET Rana: Relation mère-enfant *in utero* : quel est le rôle des transporteurs ? (2015, 85/100)
- JOUNY Reine: Les implications cliniques des polymorphismes génétiques de la Méthyl-tétra-hydrofolate réductase (MTHFR) (2015, 84/100)
- FARHAT Marwa: Où sommes-nous du concept d'individualisation de la prise en charge de la douleur en pratique clinique ? (2016, 85/100)
- BAYDA Rawan: Implémentation d'un projet d'étude pharmacogénétique de la dépendance au tabac et du sevrage tabagique (2016, 85/100)
- MOURAD Diane: Les bases sous-jacentes de la relation entre le syndrome du côlon irritable et les maladies neuropsychiatriques (2016, 85/100)
- AZZO Christel: Pharmaciens et Dentistes : Paradigme et collaboration interprofessionnelle (2017, 85/100)
- MOURAD Charbel: Valeur ajoutée de l'approche pharmacologique dans la prise en charge d'un patient en physiothérapie (2017, 83/100)
- ABI HAIDAR Sandra: Autisme au Liban : Facteurs de risque, Comorbidités et Prise en charge (2017, 82/100)
- HENDIYE Sabine: Pharmacogénétique des transporteurs au niveau de la barrière hémato-placentaire (2017, 82/100)
- KHOURY Rita: Pharmacogénétique des gènes de la chronodisruption dans les unités de soins (2017, 85/100)
- AWAD Aya: Pharmacogénétique et fonction cognitive en oncologie : effet de la chimiothérapie (2018, 85/100)
- NEHME Tamara: Pharmacogénétique et troubles du sommeil en oncologie : effet de la chimiothérapie (2018, 85/100)
- JEBBAWI Bashar: Pharmacogénétique, troubles cognitifs et troubles du sommeil en soins palliatifs chez les patients cancéreux (2018, 85/100)
- FREIHA Lama: Mise en place d'un projet d'étude de la chronodisruption en unité de réanimation médicale (2018, 83/100)
- SAHYOUN Saria: Implication des facteurs génétiques dans la prise en charge thérapeutique de la schizophrénie (2018, 85/100)
- CHAMOUN Karam: Schizophrénie : les symptômes négatifs sous la loupe (2019, 85/100)
- HACHEM Roula: Pharmacogénétique des troubles cognitifs et du sommeil chez les patients cancéreux pulmonaires (2019, 84/100)
- JABER ABBAS: Les enjeux de la prise en charge de la douleur lombaire : Possibilité d'individualisation du traitement ? (2019, 85/100)
- CHEMALY Christina: Pharmacogénétique des troubles du sommeil et de la fonction cognitive chez les cancéreux colo-rectaux (2019, 83/100)
- ABOU KHALIL Yelda: Migraine ou syndrome migraineux : un défi thérapeutique (2019, 85/100)
- ABI ZEID DAOU Yara : Chronicisation de la douleur lomboradiculaire : facteurs génétiques, cliniques et neurobiologiques impliqués (2020, 85/100)
- KHOURY Lynn : Migraine et comorbidités : Impact sur la qualité de vie et la chronicité de la douleur (2020, 85/100)
- HALABI Nadine : Mélatonine : Remède pour les troubles du sommeil et la chronodisruption dans les unités de soin ? (2020, 84/100)
- NAJEM Line : Rôle des transporteurs dans l'iatrogénie médicamenteuse sous chimiothérapie des patientes avec cancer du sein (2020, 83/100)
- Nader Andréa : Schizophrénie : Perturbation des rythmes circadiens et variabilité de l'expression des symptômes et de la réponse aux traitements antipsychotiques (2020, 84/100)
- ISTAMBOULI Rim : Comprendre et concevoir différemment le schizophrène et sa prise en charge (2020, 82/100)
- BEDRAN Michelle : Cancer sein sous traitement chimiothérapeutique: Évolution de la dépression et l'anxiété en fonction du cycle ? (2021, 85/100)
- CHOKOR Rouba : Explorer l'implication de la méthylène-tétrahydrofolate réductase dans la migraine, ses comorbidités et leurs traitements (2021, 81/100)
- MACHAKA Reem : Chronodisruption et troubles du sommeil chez les patients migraineux: Piste de la mélatonine? (2021, 83/100)
- ROUKOZ Pamela : Implication de la chronodisruption dans la prise en charge des patients schizophrènes (2021, 85/100)
- CHAMOUN Rami : Facteurs cliniques et génétiques impliqués dans la fatigue en oncologie (2021, 84/100)

- Cloé Hajjar: Benzodiazépines au Liban : Circulation et consommation affectées par la situation ? (2022, ongoing)
- Eline Feghali : Exploration qualitative de la circulation et consommation de benzodiazépines au Liban (2022, ongoing)
- Facteurs cliniques et génétiques impliqués dans la fatigue en oncologie (2022, ongoing)
- Nathalie Saab : Évaluation de la théorie des groupes de symptômes (Symptom clusters) en oncologie (2022, ongoing)
- Nour Wehbé : Troubles du sommeil, chronotypes et risque de troubles d'usage de substances (2022, ongoing)
- Joseph Mouawad : Épidémiologie de l'addiction aux opioïdes au Liban et sa corrélation avec les facteurs de risques potentiels (2022, ongoing)
- Georgia Homsy : Rôle du pharmacien dans la prise en charge des comorbidités chez les patients migraineux (2022, ongoing)

Supervising student to accomplish their final Masters projects (Master 2; n=7)

- HALEPIAN Lucine (Co-supervision): Recherche de facteurs génétiques intervenant dans la variabilité de la réponse à la morphine dans le traitement de la douleur chez des patients cancéreux (85/100)
- SEBAALY Josette (Co-supervision): Etude de l'expression génique des transporteurs au niveau de la barrière hémato-placentaire (85/100)
- MOURAD Diane: Implication des facteurs génétiques dans la prise en charge thérapeutique de la migraine (2017, 83/100)
- FARHAT Marwa: Implication des facteurs génétiques dans la réponse thérapeutique de la douleur lomboradiculaire (2018, 83/100)
- JOUNY Reine : Les enjeux du médicament vétérinaire et l'implication du pharmacien dans son circuit au Liban (2019, 85/100)
- KHOURY Rita : La Chronodisruption Associée aux troubles du Sommeil, la Cognition, l'Anxiété et la Dépression : Etude CASCADE dans une population de cancer de seins (2019, 85/100)
- HACHEM Roula : Evolution du sommeil, de la cognition, de la dépression et l'anxiété en fonction du cycle chez des patientes avec cancer sein sous traitement chimiothérapeutique : étude prospective (ongoing)

Supervising student to accomplish their Ph.D. projects (n=4)

- CHAMOUN Karam : Fentanylloïdes : Approches préclinique, clinique et pharmacogénétique (Joint project with Paris Descartes under the supervision of Pr Bruno Megarbane ; ongoing)

Co-supervising the pharmacogenetic part of the PhD

- WAHANIAN- PAPAZIAN Tatiana : Évaluation des habitudes alimentaires des femmes enceintes Libanaises, de leurs profils nutritionnel et inflammatoire et de l'effet des polymorphismes des gènes *ABCB1* et *FTO* sur les caractéristiques néonatales
- AOUN Carla : Adhésion de la population Libanaise à la diète méditerranéenne en lien avec des polymorphismes génétiques, le poids et l'état de santé mentale
- BOU MALHAB Sandrella : Genetic and environmental factors associated with smoking behavior

RESEARCH ACTIVITY

MAIN RESEARCH INTEREST:

PHARMACOGENETICS AND CLINICAL PHARMACY

TOPIC 1: Pharmacology and Pharmacogenomics in Neuropsychiatry

- Genetic factors involved in the variability of response to opioids in the treatment of acute post-operative pain.
- Genetic factors involved in the variability of response to opioids in the treatment of chronic pain in oncology patients.
- Genetic factors involved in sleep disturbances and cognitive impairment in oncology patients.
- Genetic factors involved in the variability in the response to treatment of neuropathic low back pain.
- Genetic factors involved in the variability in the response to treatment of migraine pain.
- Pharmacogenetics of the chronodisruption/sleep disturbances in intensive care units.
- Genetic factors involved in the efficacy of Risperidone in autistic patients: role of the P-glycoprotein polymorphisms.
- Genetic factors involved in the efficacy of antidepressant treatment.
- Genetic factors involved in nicotine addiction.
- Pharmacology and Neurobiology of the Irritable Bowel Syndrome and its correlation to other neuropsychiatric disorders (migraine, depression, etc.).

TOPIC 2: Clinical Pharmacy

- Study of adherence to treatment in clinical situations.
- Study of the added value of the clinical pharmacist in clinical settings.
- Comparative assessment of off-label and unlicensed drug prescriptions in children using FDA or ANSM guidelines.

TOPIC 3: Public Health

- Antibiotic resistance due to antibiotic misuse and consumption (molecular characterization of drug resistance stewardships programs): in collaboration with the "Pathogenes Laboratory" (Pr Dolla Karam Sarkis).
- Drug safety and pharmacovigilance
- Psychological and socioeconomical impact of COVID-19 pandemic
- Sleep disorders
- Smoking
- Health issues in developing countries

TOPIC 4: Pharmacy curriculum and profession

- Working within the Order of Pharmacists of Lebanon on several projects:
 - Medication Safety Platform and Pharmacovigilance system implementation: <http://opl.org.lb/medicationsafety/>
 - Prescription guidelines for pharmacists and physicians: <http://opl.org.lb/newdesign/pdf/Prescription%20Guidelines.pdf>
 - Pharmacists' Core Competencies Framework. See Appendix 1 in: <http://opl.org.lb/newdesign/pdf/Pharmacy%20Programs%20Accreditation%20-%20Full%20Guide.pdf>
 - Health Promotion Counseling Tips Booklet: <http://opl.org.lb/newdesign/pdf/Health%20Promotion%20Booklet.pdf>
- Evaluating among Lebanese pharmacists: empathy, computer literacy, continuing education, motivation, financial situation, specializations, dental care practice, etc.

RESEARCH ACTIVITY: RESEARCH GRANTS

Title	Grant organization	Internal Grant	External Grant	Budget obtained (USD)
Recherche de facteurs génétiques intervenant dans la variabilité de la réponse à la morphine dans le traitement de la douleur chez des patients cancéreux	Conseil National de la Recherche Scientifique du Liban (CNRS-L)		17 200 000 LL	Equivalent to 11,500 \$
Chronodisruption dans les unités de soins : Facteurs de risque et Pharmacogénétique.	Conseil de la recherche (USJ)	46,661.10	-	46,661.10
Pharmacogénétique de la fonction cognitive et des troubles du sommeil en oncologie.	Conseil de la recherche (USJ)	35,696.00	-	35,696.00
Implication des facteurs génétiques dans la prise en charge thérapeutique de la migraine.	Conseil de la recherche (USJ) and CNRS	17,473.95	5,746.00	23,219.95
Polymorphismes impliqués dans la réponse des patients aux antidépresseurs	Conseil de la recherche (USJ)	14,300.00	4,958.22	19,258.22
Effets neurorespiratoires des fentanylloïdes en préclinique : Approches in-vivo et in-vitro (PROJET N° 46550YG)	Cèdre	-	6 769.00 € (1 st year)	6 769.00 € (1 st year)
Total budget (in USD) (in Euros)		114,131.05 -	22,204.22 6769.00	136,335.27 6769.00

RESEARCH ACTIVITY: RESEARCH PROFILES

Metrics overview

68

Documents by author

810

Citations by 733 documents

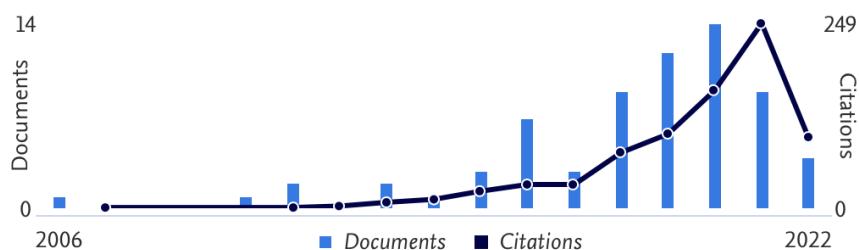
16

h-index: [View h-graph](#)

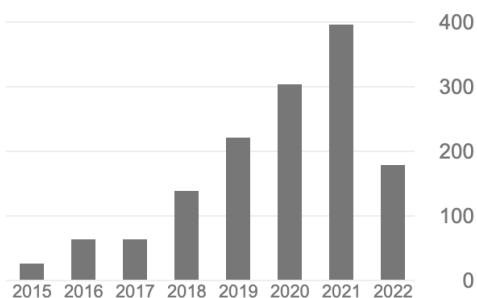


Scopus

Document & citation trends



	Toutes	Depuis 2017
Citations	1457	1307
indice h	17	16
indice i10	32	31



RESEARCH ACTIVITY: INTERNATIONAL PUBLICATIONS (70)

1. **Hajj A**, Chamoun R, Salameh P, Khoury R, Hachem R, Sacre H, et al. **Fatigue in breast cancer patients on chemotherapy: a cross-sectional study exploring clinical, biological, and genetic factors.** *BMC Cancer*. 2022;22(1):16 (IF : 4.4).
2. Aoun C, **Hajj A**, Hajj F, Papazian T, Rabbaa Khabbaz L. **The interaction between genetic polymorphisms in FTO, MC4R and MTHFR genes and adherence to the Mediterranean Diet in relation to obesity.** *Gene*. 2022;809:146037 (IF: 3.688).
3. Haddad C, Sacre H, Zeenny RM, **Hajj A**, Akel M, Iskandar K, Salameh P: **Should samples be weighted to decrease selection bias in online surveys during the COVID-19 pandemic? Data from seven datasets.** *BMC Med Res Methodol* 2022, **22**(63).
4. Iskandar K, Haddad C, **Hajj A**, Sacre H, Zeenny R, El Akel M, Salameh P: **Assessing Self-Reported Core Competencies of Public Health Practitioners in Lebanon Using the WHO-ASPHER Validated Scale: A Pilot Study;** 2022.
5. **Hajj A**, Zeenny RM, Akel M, Sacre H, Salameh P: **The Lebanese experience for early career development: Bridging the gap to reach the International Pharmaceutical Federation (FIP) Global Competency Framework.** *Pharmacy Education* 2022, **22**(1):211 - 220.
6. **Hajj A**, Hachem R, Khoury R, Hallit S, El JB, Nasr F, El Karak F, Chahine G, Kattan J, Rabbaa Khabbaz L: **Clinical and genetic factors associated with anxiety and depression in breast cancer patients: a cross-sectional study.** *BMC Cancer* 2021, **21**(1):872 (IF : 4.4).
7. **Hajj A**, Hachem R, Khoury R, Nehme T, Hallit S, Nasr F, Karak FE, Chahine G, Kattan J, Khabbaz LR: **Clinical and Genetic Factors Associated With the Breast Cancer-Related Sleep Disorders: The "CAGE-Sleep" Study-A Cross-Sectional Study.** *J Pain Symptom Manage* 2021, **62**(3):e46-e55.
8. **Hajj A**, Hallit S, Chamoun K, Sacre H, Obeid S, Haddad C, Dollfus S, Khabbaz LR. **Negative symptoms in schizophrenia: correlation with clinical and genetic factors.** *Pharmacogenomics*. 2021;22(7):389-99.
9. **Hajj A***, Hallit S*, Sacre H, Akel M, Zeenny RM, Salameh P. **Lebanese Pharmacy Core Competencies Framework: Tool Validation for Self-Declared Assessment.** *Int J Pharm Pract*, 2021, riab055, <https://doi.org/10.1093/ijpp/riab055>.
10. Zeenny RM*, Akel M*, **Hajj A**, Sacre H, Hallit S, Salameh P. **Descriptive Assessment of Graduates' Perceptions of Pharmacy-Related Competencies Based on the Lebanese Pharmacy Core Competencies Framework.** *Pharm Pract (Granada)*. 2021 Apr-Jun;19(2):2320.
11. Sacre H*, Akel M*, Zeenny RM, **Hajj A**, Hallit S, Salameh P. **Pharmacy Education, Workforce, Practice, and Sciences in Lebanon: Benchmarking with the FIP Development Goals.** *Pharmacy Education* 2021; **21**(1):105-120.
12. Zeenny R, Dimassi A, Sacre H, El Khoury G, **Hajj A**, Farah R, Hajj H, Lahoud N, Akel M, Hallit S, Salameh P. **A cross-sectional survey on Community Pharmacists readiness to fight Covid-19 in a developing country: Knowledge, Attitude, and Practice in Lebanon,** *J Pharm Policy Pract*. 2021 Jun 11;14(1):51.
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RESEARCH ACTIVITY: BOOK CHAPTERS (10)

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3. **Hajj A**, Hallit S, Sakr H, Salameh P, **Pratique de la Pharmacie Clinique au Liban**. In: Pharmacie Clinique et Thérapeutique 2018 Jan 1 (Chapitre 63; pp. 1135-1140). Elsevier Masson. <https://www.sciencedirect.com/science/article/pii/B9782294750779000633>.
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RESEARCH ACTIVITY: LOCAL PUBLICATIONS (3)

1. **Hajj A, Individualisation de la prise en charge de la douleur : Rôle de facteurs cliniques et génétiques**, Le Caducée (revue annuelle électronique des étudiants de la faculté de pharmacie de l'USJ), Numéro 2 • Octobre 2017.
2. **Hajj A, Hallit S, Sakr H, Salameh P. Mental Health Problems among Lebanese Children: Definition, Epidemiology and Treatment.** Human & Health. 2018(43):11-6: https://www.syndicateofhospitals.org.lb/Content/uploads/SyndicateMagazinePdfs/7628_10-17.pdf
3. Ahmad Dimassi, **Aline Hajj**, Ghada El-Khoury, Hala Sacre, Hind Hajj, Iqbal Fahs, Marguerita El-Hachach, Marwan Akel, Myriam Bechwati, Nathalie Lahoud, Souheil Hallit, Souraya Domiati (names in alphabetical order). **Health Promotion Counseling Tips**. Prepared by the Health Promotion Sub-Committee at the Order of Pharmacists of Lebanon. November 2018. Available from: <http://opl.org.lb/newdesign/pdf/Health%20Promotion%20Booklet.pdf>

RESEARCH ACTIVITY: ORAL COMMUNICATIONS (59)

* International communications upon invitation (9)

* International communications covered by the Saint-Joseph University (2)

* International communications during mobility programs (1)

1. **"Handling Different Patients' Behaviors"**, AstraZeneca PharmaZy academy Program, 18 Mai 2022, Beyrouth, Liban (via Zoom)
2. **"Médecine personnalisée dans la prise en charge des patients douloureux"**, Axe Endo-Nephro du CRCHU de Québec, Université Laval- Québec, 18 Mai 2022 (via zoom)
3. **"Personalized management of patients suffering from pain or psychiatric disorders"**, Équipe CERVO, Université Laval- Québec, April 22nd, 2022 (via zoom)
4. **"Pharmacology emergencies in pediatric dental practice: Misfortune or Malpractice"**, LSPD, March 31st, 2022, Beirut, Lebanon.
5. **"Pharmacogenetics: from research to clinical practice"**, OPL-LPSA, March 30th, 2022.
6. **"Personalized medicine for pain and symptom management in cancer patients"**, Axe Oncologie, CRCHU de Québec-Université Laval, March 4th, 2022 (via zoom)
7. **"Effective Patients Counseling"**, AstraZeneca PharmaZy academy Program, 14 Décembre 2022, Beyrouth, Liban (via Zoom)
8. **"Quality Assurance in Labs and Sciences"**, FIP "Setting goals for the decade ahead" | Episode 18 | FIP DG 3: Quality assurance, Nov 10, 2021. Live via Zoom.
9. **"Pharmacogénétique dans la prise en charge de la douleur: concept de médecine personnalisée"**, Séminaires Anim'Pharma, December 2021, Paris, France.
10. **"The Pharmacists' Role in Managing immunotherapy-related toxicity"**, 3rd Middle East and North Africa Immuno-Oncology Forum, November 6, 2021. Live via WebEx.
11. **"Pharmacists' Role in Managing Patients with Breast Cancer: Clinical and Research Perspectives"**, Breast Cancer Awareness Webinar for the *Lebanese Association for Pharmacy Students*, October 28, 2021. Live via gotomeeting.
12. **"Cognitive functions in cancer patients: from bedside to research perspectives"**, 3rd Annual Middle East Neuro-Oncology Conference. September 16, 2021. Live via WebEx.

13. **"Medication Interaction with Exercises in Diabetic and Psychiatric Patients. How it impacts Patients Performance?"**, Physical Therapy Webinar Series - Medication Interaction with Exercises in Diabetic & Psychiatric Patients. April 21, 2021. Live via WebEx.
14. **"A live session on COVID-19 vaccines"**, March 6, 2021. Live via Instagram.
15. **"Parlons vaccins et polémiques"**, February 13, 2021. Live via Zoom.
16. **"GreenCast with USJ verte - Covid-19 Vaccin"**, December 12, 2021. Live via Instagram: <https://mediasite.usj.edu.lb/Mediasite/Showcase/default/Presentation/570091f7fcac4b058c2788033f36a8811d#Presentation/244e6800515e4a4dadef010afce637d11d>
17. **"COVID-19 vaccines: لقاح كورونا.. بين المخاوف ومسؤولية حماية المجتمع"**, Noon (نون) Season 2 premiere on Al Aan TV: <https://m.youtube.com/watch?v=JqEgtuejR-Q>
18. **"Toxicity of Immunotherapy in bladder cancer: Clinical Pharmacy Perspective"**, 5th Continuous Education For Oncology Practitioners (CEOP 2020), October 24th, 2020, Beirut, Lebanon.
19. **"Role of the pharmacist in Oral Health: Paradigm and Inter-professional Collaboration with dentists"**, LADR Scientific Meeting, December 14th, 2019, American University of Beirut, Lebanon.
20. **"Pharmacogénétique dans la prise en charge de la douleur"**, Journée scientifique, *Pharmacogénétique partage d'expériences*, December 13th, 2019, Faculté de pharmacie de Monastir, Tunisie.
21. **"Rôles du pharmacien dans l'individualisation de la prise en charge des patients en psychiatrie"**, 117^{ème} colloque du CPNLF - Faculté de médecins, Université Saint-Joseph Beirut – Lebanon, 19 June 2019.
22. **"Chronodisruption dans les unités de soins : facteurs de risque et pharmacogénétique- Etude EMIC"**, 10^{ème} journées de la recherche de l'USJ, May 2019, USJ-CIS.
23. **"Local SMART Data Publications, Jordan and Lebanon – Best Practice"**, EEMEA SMART Investigator Meeting, Amsterdam, Netherlands, 17 April 2019.
24. **A Hajj, S Obeid, S Sahyoun, C Haddad, L Khabbaz Rabaa, S Hallit. "Clinical and genetic factors associated with resistance to treatment in patients with schizophrenia: A case-control study."** (Abstract Number: EPA19-1527). The 27th European Congress of Psychiatry (EPA 2019), Warsaw, Poland, 6-9 April 2019.
25. **A Hajj, R Khoury, T Nehme, A Awad, B ElJebbawi, S Hallit, F Nasr, G Chahine, J Kattan, L Khabbaz Rabaa. "Clinical and genetic factors associated with insomnia in cancer patients: A cross-sectional study."** (Abstract Number: EPA19-0217). The 27th European Congress of Psychiatry (EPA 2019), Warsaw, Poland, 6-9 April 2019.
26. **"Troubles du sommeil et de la fonction cognitive chez les patients cancéreux"**, 26^{ème} Congrès de l'Ordre des Pharmaciens, Beirut, Lebanon, 16-18 November 2018.
27. **"Multiple Myeloma: Clinical Pharmacy Perspective"**, 3rd Continuous Education For Oncology Practitioners (CEOP 2018), October 26th, 2018, Beirut, Lebanon.
28. **"Pharmacogenetics in pain management"**, June 2018, 9^{ème} journées de la recherche de l'USJ, Beirut, Lebanon.
29. **"La Santé orale au Liban : attitude, perception et pratique du pharmacien d'officine"**, July 5th, 2018, Continuous Education, OPL, Beirut, Lebanon.
30. **"Pharmacogenetics in pain management"**, April 13th, 2018, 7^{ème} congrès international de la Faculté de pharmacie, Beirut, Lebanon.
31. **"An update on the global and local antimicrobial resistance landscape"**, May 4th, 2018, Pfizer AfME H&V meeting, Dubai, UAE.
32. **"SMART STUDY Lebanon 2017"**, EEMEA SMART Investigator Meeting, Madrid, Spain, 21-24 Avril 2018.
33. **"Troubles du sommeil et de la fonction cognitive chez les patients cancéreux"**, 15th Lebanese society of medical oncology (LSMO), March 2018, Beirut, Lebanon.

34. **“Neuropsychopharmacology: Personalized Therapy From research to Bedside”**, January 2018, Open seminary at the University of Minho, Braga, Portugal.
35. **“The Role of the Community Pharmacist in Oral Health”**, 25^{ème} Congrès de l’Ordre des Pharmaciens (OPL), Beirut-Lebanon, 17-19 November 2017.
36. **“Multiple Myeloma: Clinical Pharmacy Perspective”**, Continuous Education For Oncology Practitioners (CEOP 2017), October 2017, Beirut, Lebanon.
37. **“Autisme au Liban: Facteurs de risque, comorbidités et prise en charge”**, Deuxième Université d’été pour l’autisme, Septembre 2017, Faculty of Medicine, Saint-Joseph University, Beirut, Lebanon.
38. **“Pharmacist important role in antimicrobial stewardship”**, Back to International Medical Forum, July 2017, Adma- Lebanon.
39. **“Soins palliatifs en oncologie”**, July 2017, Continuous Education, Faculty of Pharmacy, Beirut, Lebanon.
40. **“The Smart Data Lebanon”**, April 2017, EEMEA SMART Investigators meeting, Vienna, Austria.
41. **“Soins palliatifs en oncologie”**, 14th Lebanese society of medical oncology (LSMO), April 2017, Beirut, Lebanon.
42. **“Mental Disorders”**, February-March 2017, conferences organized by the Lebanese Order of Pharmacists for continuous education (5 conferences in 5 different regions in Lebanon).
43. **“Hypertension”**, February-March 2017, conferences organized by the Lebanese Order of Pharmacists for continuous education, Bekaa.
44. **“Valeur ajoutée de l’approche pharmacologique dans la prise en charge d’un patient en physiothérapie”**, September 2016, 10^{ème} OPTL International Congress, Beirut-Lebanon.
45. **“Projet de Sécurité Médicamenteuse chez les Pharmaciens d’Officine au Liban”**, July 2016, 7^{ème} congrès annuel de l’association médicale Franco-Libanaise (AMFL), Beirut-Lebanon.
46. **“Community pharmacists’ Knowledge, Attitude & Practice About Medication Safety”**, June 2016, 22nd Pharmacy Day, Ordre des Pharmaciens, Beirut-Lebanon.
47. **“Le traitement pharmacologique individualisé : vision du Laboratoire de pharmacologie, pharmacie Clinique et contrôle de qualité des médicaments (LPCQM)”**, May 2016, 6^{ème} Congrès pharmaceutique et biologique de la Faculté de Pharmacie de l’USJ, Beirut-Lebanon.
48. **“The SMART Eccmid experience from 2013 to 2016: Molecular characterization of beta-lactam resistant pathogens isolated from urinary infections in Lebanon and Jordan: An evaluation of SMART data 2010-2014”**, April 2016, EEMEA SMART Investigators meeting, Amsterdam, Netherlands.
49. **“Interactions Médicaments-exercices”**, October 2015, 23^{ème} Congrès de l’Ordre des Pharmaciens, Beirut-Lebanon.
50. **“Interactions Médicaments-exercices”**, June 2015, APU-BAU Congress, Beirut Arab University, Beirut-Lebanon.
51. **“Individualisation de la Prise en Charge de la Douleur Aigue Post-Opératoire par la Morphine: Rôle de Facteurs cliniques et Génétiques”**, April 2015, 21^{ème} Conférence de l’Association Libanaise pour l’Avancement des Sciences, Beirut-Lebanon.
52. **“Veterinary medicine issues”** on OTV television, " يوم جديد " February 2015.
53. **“Veterinary medicine issues”** on Radio MBS "107.5 107.2 107.2 مش يابس" أخضر...MHZ, 15 January 2015.
54. **“Les enjeux du médicament vétérinaire”**, October 2014, 22^{ème} Congrès de l’Ordre des Pharmaciens, Beirut-Lebanon.
55. **“Les enjeux de l’allongement du QT induit par les médicaments”**, July 2014, 5^{ème} congrès annuel de l’association médicale Franco-Libanaise (AMFL), Beirut-Lebanon.

56. **“Les enjeux du médicament vétérinaire”**, 2014, Continuous Education, Faculty of Pharmacy, Beirut-Lebanon.
57. **“Infections nosocomiales à l’Hôtel Dieu de France: Incidence et antibiorésistance sur cinq ans”**, 2010, Congrès annuel du CLIN, Beirut-Lebanon.
58. **“La pharmacogénétique”**, April 2009, 3^{ème} congrès international de la faculté de pharmacie, Beirut-Lebanon.
59. **“Incidence et antibiorésistance des infections nosocomiales à l’Hôtel Dieu de France en 2004-2005”**, 2005, Congrès annuel du CLIN, Beirut-Lebanon.

RESEARCH ACTIVITY: POSTERS (32)

1. K Chamoun, J Mouawad, H Sacre, B Mégarbane, L Rabaa Khabbaz, P Salameh, **A Hajj, Opioid use disorder: risk assessment in the Lebanese population & link to chronodisruption**, 13^{ème} Journée de la recherche, 16 June 2022 (**1st Prize**).
2. **A Hajj**, T Itani, W Hayajneh, A Adaimé, N Hakimé, M Mallah, J Maalouf, R Alsamarneh, M Motyl, D Sahn, I Alekseeva, D Karam Sarkis, **In vitro activity of ceftolozane-tazobactam and comparators against beta-lactam-resistant pathogens isolates collected from patients with urinary tract, intra-abdominal and lower respiratory infections in Lebanon and Jordan (SMART Study Data 2016-2017)**, 30th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), 18-21 April 2020, Paris, France (Cancelled but the poster have been submitted on the ECCMID platform by invitation by the ECCMID).
3. **A Hajj**, T Itani, W Hayajneh, A Adaimé, N Hakimé, M Mallah Hamdan, J Maalouf, Mary Motyl, Dan Sahn, I Alekseeva, D Karam Sarkis, **Susceptibility trends and molecular characterization of beta-lactam-resistant pathogens isolated from intra-abdominal infections in Lebanon and Jordan: a 6-year evaluation of SMART data 2011-2016**. ECCMID 29th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Amsterdam, Netherlands, 13-16 April 2019.
4. **A Hajj**, R Khoury, A Awad, T Nehme, B ElJebbawi, F Nasr, F Karak, G Chahine, J Kattan, L Khabbaz Rabaa. **Clinical and genetic factors associated with cognitive function in cancer patients: a cross-sectional study** (Abstract Number: EPA19-0216). The 27th European Congress of Psychiatry (EPA 2019), Warsaw, Poland, 6-9 April 2019.
5. **A Hajj**, R Khoury, B ElJebbawi, A Awad, T Nehme, F Nasr, G Chahine, J Kattan, L Khabbaz Rabaa. **Clinical and genetic factors associated with cognitive function and sleep disorders in palliative care cancer patients: A cross-sectional study** (Abstract Number: EPA19-0218). The 27th European Congress of Psychiatry (EPA 2019), Warsaw, Poland, 6-9 April 2019.
6. S Hallit, **A Hajj**, H Sacre, G Al Karaki, D Malaeb, N Kheir, P Salameh, R Hallit. **Impact of sleep disorders and other factors on the quality of life in general population: a cross-sectional study** (Abstract Number: EPA19-0222). The 27th European Congress of Psychiatry (EPA 2019), Warsaw, Poland, 6-9 April 2019.
7. R Khatib, S Hallit, **A Hajj**, Karam Sarkis. **Secretory IgA levels in the stool of children with autism spectrum disorder: a case-control study** (Abstract Number: EPA19-0521). The 27th European Congress of Psychiatry (EPA 2019), Warsaw, Poland, 6-9 April 2019.
8. R Khatib, S Hallit, **A Hajj**, D Karam Sarkis. **Gastrointestinal symptoms in children with autism spectrum disorders and correlation with autism functionality and severity: a case-control study** (Abstract Number: EPA19-0445). The 27th European Congress of Psychiatry (EPA 2019), Warsaw, Poland, 6-9 April 2019.
9. **A Hajj**, A Abdallah, W Hayajneh, A Adaimé, T Itani, N Hakimé, M Mallah, R Alsamarneh, F Siddiqui, D Karam Sarkis, **Susceptibility trends and molecular characterization of beta-lactam resistant pathogens isolated from urinary tract infections in Lebanon and Jordan: A 6-year evaluation of SMART data 2011-**

2016. 28th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Madrid, Spain, 21-24 April 2018.
10. **A Hajj**, S Hallit, S Abi Haidar, R Elkhatib, F Hajj Moussa Lteif, L Hajj, M Moudawar, Lydia Khabbaz, **Pre-, peri- and neonatal risk factors for autism spectrum disorder** (Abstract Number: EPA18-1176), 26th European Congress of Psychiatry (EPA 2018), 3-6 March 2018, Nice, France. [e-Posters Walk presentation.](#)
 11. LPCQM-OPL, **The Role of the Community Pharmacist in Oral Health**, 25^{ème} Congrès de l'Ordre des Pharmaciens (OPL), Beirut-Lebanon, 17-19 November 2017.
 12. **A Hajj**, W Hayajneh, A Adaimé, T Itani, N Hakimé, M Mallah, R Alsamarneh, A Abdallah, R Badal, D Karam Sarkis, **Trends in molecular characterization of beta-lactam resistant pathogens isolated from urinary tract and intra-abdominal infections in Lebanon and Jordan: a 5-year evaluation of SMART data 2011-2015**, 27th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Vienna, Austria, 22-25 April 2017.
 13. K Iskandar, L Safi, S Hallit, E Bou Raad, P Salameh, R Zeenny, **A Hajj**, **Role of the hospital pharmacist in preventing near-miss transcription errors**, 22nd Congress of the EAHP, Canne, France, 22-24 March 2017.
 14. K Iskandar, E Bou Raad, P Salameh, P Abi Hanna, R Zeenny, **A Hajj**, S Hallit, **Antibiotic consumption in non-teaching lebanese hospitals: a cross-sectional study**, 22nd Congress of the EAHP, Canne, France, 22-24 March 2017.
 15. **A Hajj**, S Hallit, E Ramia, P Salameh, on behalf of the Order of Pharmacists Scientific Committee – Medication Safety Subcommittee, **Medication Safety knowledge, attitude and practice among community pharmacists in Lebanon**, 24^{ème} Congrès de l'Ordre des Pharmaciens (OPL), Beirut-Lebanon, 17-19 November 2016 (**1st Prize**).
 16. S Hallit, **A Hajj**, P Shuhaiber, K Iskandar, E Ramia, P Salameh, on behalf of the Order of Pharmacists Scientific Committee – Medication Safety Subcommittee, **Medication Safety knowledge, attitude and practice among hospital pharmacists in Lebanon**, 24^{ème} Congrès de l'Ordre des Pharmaciens (OPL), Beirut-Lebanon, 17-19 November 2016.
 17. **A Hajj**, W Hayajneh, A Adaimé, T Itani, R Alsamarneh, R Badal, D Karam Sarkis, **Molecular characterization of beta-lactam resistant pathogens isolated from urinary infections in Lebanon and Jordan: An evaluation of SMART data 2010-2014**, 26th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Amsterdam, Netherlands, 9-12 April 2016.
 18. J Sebaaly, **A Hajj**, F Hajj Lteif, M Rassy, T Papazian, L Khabbaz. **Etude de l'expression génique des transporteurs au niveau de la barrière hémato-placentaire**, 23^{ème} Congrès de l'Ordre des Pharmaciens (OPL), Beirut-Lebanon, October 2015 (**3rd Prize**).
 19. **A Hajj**, L Kazan, T Itani, D Karam Sarkis. **Molecular characterization of beta-lactam resistant pathogens isolated from intra-abdominal and Urinary tract infection in two large scale tertiary care centers in Lebanon: An evaluation of SMART data 2011-2013**. 25th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Copenhagen, Denmark, 25-28 April 2015.
 20. R Saliba, L Karam, L Khabbaz, N Osta, D Karam Sarkis, A Hajj. **Relationship between Spread of resistance strains and Antimicrobial consumption in a Lebanese University Hospital: Retrospective study from 2008 to 2012**. 25th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Copenhagen, Denmark, 25-28 April 2015.
 21. D Chaaya, A Hajj, T Itani, R Beyrouthy, D Karam Sarkis. **Evolution du genotypage du VHC au Liban**, 15-17 avril 2015, 21^{ème} Conférence de l'Association Libanaise pour l'Avancement des Sciences, Beirut-Lebanon.
 22. L Khabbaz, S Berkdan, **A Hajj**, L Karam, M Abi Selwane, **Unlicensed and off-label prescriptions in paediatrics (combining FDA and European authorizations)**, Virtual symposium, American College of Clinical Pharmacy (ACCP), United-States, 22 May 2014.

23. **A Hajj, L Kazan, D Karam Sarkis, Prevalence and antibiotic susceptibility of intra-abdominal and Urinary tract infection ESBL positive pathogens in two large scale tertiary care centers in Lebanon: An evaluation of SMART data 2011-2012 from Lebanon compared to regional Middle East**, 24th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Barcelona, Spain, 10- 13 May 2014.
24. **G Rizkallah, R Sayegh, A Hajj, Ph Seksik, G Trugnan, D Karam Sarkis, Study of the digestive flora of 20 Lebanese patients in remission of Crohn's disease and comparison to healthy subjects**, 24th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Barcelona, Spain, 10- 13 May 2014.
25. **A Hajj, N Naccache, H Jabbour, R Azzi, P Yazbeck, L Rabbaa-Khabbaz, Genetic polymorphism associated with post-operative morphine consumption and incidence of side effects**, 15th World Congress of Anaesthesiologists (WCA), Buenos Aires, Argentina, 25- 30 March 2012.
26. **F Vorspan, K Ksouda, L Labat Delveaux, A Hajj et al., Candidate genes for pharmacogenetic management of methadone optimal dose**, 19th European Congress of Psychiatry, 2011.
27. **P Dodet, G Simoneau, A Hajj, K Peoc'h, JF Bergmann, C Lloret-Linares, Sensibilité à la douleur expérimentale dans une population de patients obèses avant et après chirurgie de l'obésité, en comparaison à une population de poids normal**, SFETD.
28. **A Hajj, K Ksouda, P Houzé, S Mouly, JP Lepine, JL Laplanche, F Vorspan, K Peoc'h, Are copy number gene variations of the CYP3A4 gene correlated to midazolam test in methadone maintained patients?** 10th World Congress of Biological Psychiatry, 29 May- 2 June 2011, Prague, Tchech Republic.
29. **A Hajj, K Ksouda, F Vorspan, P Houzé, S Mouly, JP Lepine, AL Raveu, JL Laplanche, K Peoc'h, Variabilité de la réponse à la méthadone: Exploration de l'activité du CYP3A4**, Journée de l'EDMTCE (Paris Descartes), 3 May 2011.
30. **C Lloret Linares, A Hajj, C Poitou, JL Laplanche, JP Lepine, JF Bergmann, S Mouly, K Peoc'h, Pilot study examining the frequency of several gene polymorphisms involved in morphine pharmacodynamics and pharmacokinetics in a morbidly obese population**, 16th World Congress of Basic and Clinical Pharmacology, 17 – 23 July 2010, Copenhagen, Denmark.
31. **A Hajj, K Peoc'h, F Vorspan, S Mouly, V Bloch, B Megarbane, J-M Sherrmann, L Khabbaz Rabaa, J-L Laplanche, J-P Lépine, Variabilité de la réponse à la méthadone**, 3ème congrès international de la faculté de pharmacie, 23-24 April 2009, Beirut-Lebanon.
32. **A Hajj, K Peoc'h, F Vorspan, S Mouly, V Bloch, B Megarbane, J-M Sherrmann, L Khabbaz Rabaa, J-L Laplanche, J-P Lépine, Variabilité de la réponse à la méthadone**, Journée de l'IFR (Paris Descartes), 6 April 2009.

COMMITTEES

2022	Organizing committee for the 25 th Pharmacy Day, OPL, Beirut, Lebanon
Since 2021	Member of the “ Central Committee ” at the Order of Pharmacists of Lebanon (OPL)
Since 2021	Member of the “ Community subcommittee ” at the OPL
Since 2021	Member of the “ Hospital/Clinical subcommittee ” at the OPL
Since 2021	Member of the “ Scientific communication and logistics subcommittee ” at the OPL
Since 2021	Member of the “ Medication safety subcommittee ” at the OPL
Since 2021	Member of the “ Policy development subcommittee ” at the OPL
Since 2021	Member of the “ Environmental and Public Health subcommittee ” at the OPL
2021	Jury member of the “L’Oréal-UNESCO For Women in Science Levant Young talents”
Since 2018	Invited member for the Institut National de Santé Publique, d’Epidémiologie Clinique et de Toxicologie – Liban (INSPECT-LB)
2018	Organizing committee for the 26 th congress of the OPL, Beirut, Lebanon
2017-2018	Representing the USJ as a jury member for the Pharmacists Colloquium Examinations in Lebanon
2017-2018	Member of the “ Central Committee ” at the OPL
2017-2018	Member of the “ Research ” Subcommittee at the OPL
2016-2018	Member of the “ Drug Safety ” Subcommittee at the OPL
Since 2015	Member of the “ Research ” Committee at <i>Yaduna Foundation</i> (Women Hearth Health Center)
Since 2005	Member of OPL
2004-2005	Member of the Scientific Committee of students’ journal “Hebdo Pharmaceutique”

INTERNATIONAL CONGRESSES

1. Participation at the scientific symposium organized and sponsored by MSD, EEMEA SMART Investigator Meeting, Amsterdam, Netherlands, 17 April 2019.
2. Participation and presentation of a poster at the 29th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Amsterdam, Netherlands, 17 April 2019.
3. Participation and presentation of 2 oral communications and 3 posters at the 27th European Congress of Psychiatry (EPA 2019), 6-9 April 2019, Warsaw, Poland.
4. Participation and oral communication at the scientific symposium organized and sponsored by Pfizer AfME H&V meeting, 4 May, 2018, Dubai, UAE.
5. Participation at the scientific symposium organized and sponsored by MSD, EEMEA SMART Investigator Meeting, Madrid, Espagne, 21-24 April 2018.
6. Participation and presentation of a poster at the 28th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Madrid, Spain, 21-24 April 2018.
7. Participation and presentation of a poster at 26th European Congress of Psychiatry (EPA 2018), 3-6 March 2018, Nice, France.
8. Participation and presentation of a poster at the 27th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Vienna, Austria, 22-25 April 2017.
9. Participation at the scientific symposium organized and sponsored by MSD, EEMEA SMART Investigator Meeting, Vienna, Austria, 21 April 2017.
10. Participation and presentation of a poster at the 26th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Amsterdam, Netherlands, 9-12 April 2016.
11. Participation at the scientific symposium organized and sponsored by MSD, EEMEA SMART Investigator Meeting, Amsterdam, Netherlands, 7 April 2016.
12. Participation and presentation of 2 posters at the 25th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Copenhagen, Denmark, 25-28 April 2015.
13. Participation at the scientific symposium organized and sponsored by MSD, EEMEA SMART Investigator Meeting, Copenhagen, Denmark, 24 April 2015.

14. Participation and presentation of 2 posters at the 24th European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), Barcelona, Spain, 10- 13 May 2014.
15. Participation at the scientific symposium organized and sponsored by MSD, EEMEA SMART Investigator Meeting, Barcelona, Spain, 9 May 2014.

TRAINING

Training for online learning:

1. **2021:** Webinar *“Adapter progressivement les UE au mode d’enseignement hybride”* : Structuration de l’UE et planification des activités, animation d’une classe, engagement des étudiants, USJ.
2. **2021:** Webinar *“Atelier Moodle”*: Mise en page de son espace Moodle, partage de ressources, création d'un forum », USJ.
3. **2021:** *“Atelier Teams”*: Gestion d'un espace, gestion des paramètres d'accès aux enregistrements, relier son Teams à son espace Moodle, travail collaboratif, calendrier, canaux et breakout rooms, les applications.
4. **2021:** Atelier pédagogie universitaire *“Motivation des étudiants, dans un enseignement en présentiel et à distance, en s’inspirant des neurosciences”*, USJ.
5. **2020:** Atelier pédagogie universitaire *“Comment utiliser des outils numériques pour un apprentissage plus actif?”*, USJ.
6. **2016-2018:** Lebanese Order of Pharmacists (OPL): Attendance of some soft skills sessions by Dr Elie Wakil on leadership and communication skills organized by the OPL as part of the Continuing Education program.
7. **2019:** Atelier de recherche: *“How to promote your research for maximum impact”*, USJ-CIS.
8. **2019:** Atelier de recherche: *“How to find the right journal to publish”*, USJ-CIS.
9. **2018:** Atelier pédagogie universitaire *“Comment rendre nos enseignements plus actifs?”*, USJ.
10. **2017:** Atelier pédagogie universitaire *“Accompagnement des étudiants”*, USJ.
11. **18-20 October 2016:** Preceptor Development workshop: Optimizing the learning experience for your students (Dr Joseph Saseen), The 19th congress of the association of Pharmacy colleges in the Arab world.
12. **2016:** Rencontre enseignants Assurance qualité USJ *“Evaluer pour évoluer”*, USJ.
13. **2016:** Journée de la recherche: *“Pour un rôle plus actif dans l’innovation et le transfert de technologie”*, USJ.
14. **2015:** Atelier pédagogie universitaire *“Gestion de classe et leadership pédagogique”*, USJ.
15. **2015:** Seminar *“L’évaluation dans une culture de la qualité (Pr Moghaizel)”*
16. **20-21 February 2014:** IDEAL Training program: Research Funding and Grant Writing, AUB, Lebanon.
17. **11-13 June 2014:** MED-SPRING: Training H2020- Marrakesh, Morocco.
18. **2014:** Atelier pédagogie universitaire *“L’élaboration des plans de cours”*, USJ.