

Amal Al-Hajje
Born on 27 December 1975
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PhD in Clinical Pharmacy
Master of Public Health and Environment
Doctor of Pharmacy (Clinical Pharmacy)
Bachelor of Sciences in Pharmacy (BS)
Chief department 'Clinical Pharmacy'
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Diplomas (in chronological order)

2002-2005: **PhD in Clinical Pharmacy** at Joseph Fourier University, Grenoble, France. Thesis subject: “Hemorrhagic adverse drug events study in emergency departments: Elaboration of a tool risk prediction” at CHU (Hospital University Center) Grenoble. Director: Prof. Calop Jean. Graduated as “Very Honorable”. **Scholarship** from the Lebanese University, Faculty of Pharmacy.

2001-2002: **Master Degree of Public Health and Environment**, Joseph Fourier University. Grenoble. Faculty of Pharmacy. Option: Méthodes de Recherche sur l'Environnement et la Santé INSERM (Institut National de la Santé et de la Recherche Médicales) in GUSTAVE ROUSSY INSTITUT (Center for cancer detection), Villejuif, Paris, France. Graduation with distinction.
Formation: Epidemiology and biostatistics. Grenoble- Paris, France.

1998-1999: **Doctor of Pharmacy (PharmD)** at the Lebanese University, Faculty of Pharmacy. Graduated with Honor, with congratulations of the members of the jury (17/20).

1993-1998: **BS in Pharmacy** at the Lebanese University, Faculty of Pharmacy.

Publications in Journals (n=60)

1. Hatem G, Mosleh R, Goossens M, Khachman D, **Al-Hajje A**, Awada S. Prevalence and risk factors of migraine headache among university students. A cross-sectional study in Lebanon. *Headache Medicine* 2022;13(3). <https://headachemedicine.com.br/index.php/hm/article/view/653>.
2. Farhat A, Panchaud A, **Al-Hajje A**, Lang PO, Bula C, Guignard B, Csajka C. Impact of pharmaceutical interventions with STOPP/START and PIM-Check in older hospitalized patients: a randomized controlled trial. *Drugs and Aging* 2022. Under press.

3. Ziadeh H, Chaaya M, Rachidi S, Al-Asmar K, **Al-Hajje A**, Hamieh L, Nahra V, Uthman I. Lebanese Hospital-Based Rheumatoid arthritis Registry: Characteristics of patients and comparison with other established registries. *Mediterranean Journal of Rheumatology* 2022;33(2):218-23. <http://www.mjrhumeum.org/current-issue/newsid792/380>.
4. Bassam S, Mansour S, Ajrouche R, Kisserwan H, El-Hajj M, Zein S, Dirani Z, **Al-Hajje A**. Drug related problems and factors involved in the imbalance of oral anticoagulants in Lebanese patients: a cross-sectional study. *Sulaiman Al Habib Medical Journal* 2022;4(2):77-85. <https://www.wjgnet.com/1948-5190/CitedArticles>.
5. Karam MM, Abdel Baki J, **Al-Hajje A**, Sraj M, Awada S, Salameh P, Ajrouche R. Willingness to pay for a Coronavirus Vaccine and its associated determinants in Lebanon. *Value in Health Regional Issues* 2022;30:18-25. <https://pubmed.ncbi.nlm.nih.gov/35033800/>.
6. Hatem G, Mosleh R, Goossens M, Khachman D, **Al-Hajje A**, Awada S. Prevalence and risk factors of migraine headache among university students: A cross-sectional study in Lebanon. *Headache Medecine* 2022;13(3):213-221.
7. Tarhini Z, Jost J, Ratsimbazafi V, Preux PM, Salameh P, **Al-Hajje A**, Boumediene F, Mroueh L. Knowledge, Attitudes and Practice towards epilepsy and psychosocial consequences among Lebanese people with epilepsy. *Epilepsy and behavior* 2022. Under press
8. Mroueh L, **Al-Hajje A**, Salameh P, Preux PM, Boumediene F, Ratsimbazafy V, Jost J. Management of epilepsy in Lebanon: medication reviews and drug-related problems. *Pharmacoepidemiology and drug safety* 2022;31(5):583-591. <https://onlinelibrary.wiley.com/doi/abs/10.1002/pds.5409>.
9. Kabalan M, El-Hajj M, Khachman D, Awada S, Rachidi S, **Al-Hajje A**, Ajrouche R. Public Awareness of environmental risk factors of cancer among Lebanese general population. *Preventive Medecine and Hygiene* 2021; 62:466-478. <https://pubmed.ncbi.nlm.nih.gov/34604588/>.
10. Zeineddine M, **Al-Hajje A**, El Ayoubi N, Yamout B. Epidemiology of Multiple Sclerosis in Lebanon: A rising Prevalence in the Middle East". *Multiple Sclerosis and Related Disorders* 2021;52:102963. <https://pubmed.ncbi.nlm.nih.gov/33934011/>.
11. El-Hajj M, Salameh P, Rachidi S, **Al-Hajje A**, Hosseini H. Adherence to the Mediterranean Diet decreases the risk of stroke in the Lebanese population: a case-control study. *Pharmacy Practice* 2021; 19(1): 1-8. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7886311/>.
12. Mroueh L, Salameh P, Boumediene F, Jost J, Ratsimbazafy V, **Al-Hajje A**. Quality of life and Stigma in Lebanese people with epilepsy taking medication. *Epilepsy Research* 2020; 167:106437. <https://pubmed.ncbi.nlm.nih.gov/32877880/>.
13. El-Hajj M, Ajrouche R, Zein S, Rachidi S, Awada S, **Al-Hajje A**. Evaluation of risk factors and drug adherence in the occurrence of stroke in patients with atrial fibrillation. *Pharmacy Practice* 2020;18(2):1-8. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7290178/>.

14. El-Hajje M, Salameh P, Rachidi S, **Al-Hajje A**, Hosseini H. Cigarette and Waterpipe Smoking are associated with risk of stroke in Lebanon. *Journal of epidemiology and Global Health* 2019;9(1):62-70. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7310762/>.
15. Farhat A, Panchaud A, **Al-Hajje A**, Lang PO, Csajka C. Ability to detect potentially inappropriate prescription in older patients: Comparative analysis between PIM-Check and STOPP/START v2. *European Journal of Clinical Pharmacology* 2021;77:1747-1756. <https://link.springer.com/article/10.1007/s00228-021-03171-4>.
16. Farhat A, Abou Karroum R, Panchaud A, Csajka C, **Al-Hajje A**. Impact of pharmaceutical interventions in hospitalized patients: a comparative study between clinical pharmacist and explicit criteria. *Current Therapeutic Research* 2021;95:100650. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8604771/>.
17. Farhat A, **Al-Hajje A**, Csajka C, Panchaud A. Clinical and economic impacts of explicit tools detecting prescribing errors: a systematic review. *J Clin Phar Ther* 2021. Doi: 10.1111/jcpt.13408. <https://onlinelibrary.wiley.com/doi/full/10.1111/jcpt.13408>.
18. Zahwe M, Tamim H, Ismae'1 H, **Al-Hajje A**, Rachidi S, Skouri H. Outcomes of Adherence to Guideline in the management of Heart Failure with reduced ejection fraction patients in Lebanon.
19. Zahwe M, Rachidi S, Nouredine S, Ismae'1 H, Skouri H, Tamim H, **Al-Hajje A**. Potentially Inappropriate Medication in Elderly Patients with Heart Failure: Beer's Criteria-Based Study. *International Journal of Pharmacy Practice* 2020; 28(6):652-659. <https://pubmed.ncbi.nlm.nih.gov/32677747/>.
20. Zahwe M, Isma'eel H, Skouri H, **Al-Hajje A**, Rachidi S, Tamim H, Nouredine S. Validation of the Arabic Version of the Minnesota Living with Heart Failure Questionnaire. *Heart & Lung* 2020;49:36-41. <https://pubmed.ncbi.nlm.nih.gov/31679804/>.
21. Diab B, Khachman D, Farah R, Echtay A, Zein S, **Al-Hajje A**, Rachidi S, Awada S. Type 2 Diabetes and comorbidity among internal medicine Lebanese patients : A case control study. *Journal of Diabetes, Metabolism and its complications* 2019.
22. Shoker M, Ajrouche R, Zein S, **Al-Hajje A**, Rachidi S, Bawab W, Awada S. Rheumatoid arthritis in the Lebanese Adults: Impact on health related Quality of Life. *J Epidemiol Glob Health*. 2019 Dec;9(4):281-287.
23. Mallah Z, Hammoud Y, Rachidi S, Awada S, Zein S, Ballout H, **Al-Hajje A**. Validation of diabetes medication adherence scale in the Lebanese population. *Diabetes Research and Clinical Practice* 2019,156:107837. <https://pubmed.ncbi.nlm.nih.gov/31479705/> and <https://www.sciencedirect.com/science/article/abs/pii/S0168822719308964>
24. Mroueh L, Boumédiene F, Jost J, Preux PM, Ratsimbazafy V, Salameh P, **Al-Hajje A**. Self-reported attitude about medication in Lebanese people with epilepsy. *Epilepsy and Behavior* 2019; 98: 80-87. <https://www.ncbi.nlm.nih.gov/pubmed/31301454>
25. El-Hajj M, Salameh P, Rachidi S, **Al-Hajje A**, Hosseini H. Development of a Diagnosis Score for stroke in the Lebanese population. *Clinical Epidemiology and Global Health* 2019;7(1):79-87.

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26. Ayoub D, Mroueh L, El-Hajj M, Awada S, Rachidi S, Zein S, **Al-Hajje A**. Evaluation of Antidiabetic Medication Adherence in the Lebanese population: Development of the Lebanese Diabetes Medication Adherence Scale. *International journal of Pharmacy Practice* 2019; 27: 468-476.
<https://onlinelibrary.wiley.com/doi/abs/10.1111/ijpp.12558>
 27. Helou S, Hallit S, **Al-Hajje A**, Rachidi S, Awada S, Zein S. Evaluation of treatment adherence in patients with hypothyroidism in Lebanon. *Eastern Mediterranean Health Journal* 2019;25(3):147–148.
<http://www.emro.who.int/emhj-volume-25-2019/volume-25-issue-3/adherence-to-levothyroxine-among-patients-with-hypothyroidism-in-lebanon.html>
 28. El-Hajj M, Salameh P, Rachidi S, **Al-Hajje A**, Hosseini H. Development of a risk of stroke score in the Lebanese Population. *Clinical Epidemiology and Global Health* 2018,7(1):88-97.
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 29. Mroueh L, Ayoub D, El-Hajj M, Awada S, Rachidi S, Zein S, **Al-Hajje A**. Evaluation of medication adherence among Lebanese diabetic patients. *Pharmacy Practice* 2018;16(4):1291.
<https://www.pharmacypractice.org/journal/index.php/pp/article/view/1291/667>
 30. Iskandar S, El Hajj M, Bou Zeid M, Zein S, Awada S, Rachidi S, **Al-Hajje A**. Factors involved in the imbalance of vitamin K antagonists: evaluation of patient's knowledge and practices. *World Journal of Pharmaceutical Research* 2018; 7(18):200-218.
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 31. Zahreddine L, Hallit S, Shakaroun S, **Al-Hajje A**, Awada S, Lahoud N. Knowledge of pharmacists and parents towards antibiotic use in Pediatrics: a cross-sectional study. *Pharmacy Practice*. 2018;16(3):1-10.
 32. Rizk S, Hammoud N, Zein S, Awada S, Rachidi S, **Al Hajje A**. Evaluation of risk factors associated with venous thromboembolism in the Lebanese Population. *Cardiology and Angiology: An International Journal* 2018;7(1):1-12.
http://www.journalrepository.org/media/journals/CA_26/2018/Jan/Amal_712017_CA38854.pdf.
 33. El-Hajj M, Salameh P, Rachidi S, **Al-Hajje A**, Lahoud N, Hosseini H. Stroke Risk Factors: A hospital-based case control study in Lebanon. *Journal of Royal Society of Medicine* 2017;8(6): 1-10.
[file:///C:/Users/Amal%20El%20Hajj/Downloads/10.1177_2054270417713692%20\(3\).pdf](file:///C:/Users/Amal%20El%20Hajj/Downloads/10.1177_2054270417713692%20(3).pdf).
 34. Zein S, Haddad M, Krivoruchko E, **El-Hajje A**, Hazimeh G, Kassem Z, and Kanaan H. Structural characteristics, antitumor and anti-inflammatory properties of polysaccharides isolated from the red Algae *Triclecarpa fragilis* growing on the Lebanese Coast. *European Journal of Pharmaceutical and Medical Research* 2017: 4(12):40-47.
 35. Awada S, **Al-Hajje A**, Rachidi S, Mehdi N, BouZeid M, Khiami Gh, Bawab W, Zein S. Awareness and Perception, of National Pharmacovigilance center among Lebanese Medical Staff. *J Pharmacovigilance* 2016;4:199. Available at:

- <https://www.esciencecentral.org/journals/awareness-and-perception-of-national-pharmacovigilance-center-amonglebanese-medical-staff-2329-6887-1000199.php?aid=69023>.
36. Yassine M, Salameh P, Awada S, Rachidi S, Zein S, Bawab W, Bou Zeid M, **Al-Hajje A**. Evaluation of treatment adherence to antihypertensive therapy in Lebanese hypertensive patients. *Journal of Epidemiology and Global Health*. 2016;6:157-167. Available at: <http://www.sciencedirect.com/science/article/pii/S2210600615000829>.
 37. **Al-Hajje A**, Awada S, Rachidi S, Zein S, Bawab W, El-Hajj Z, Bou Zeid M, Yassine M, Salameh P. Factors Affecting medication adherence in Lebanese patients with chronic diseases. *Pharmacy Practice* 2015; 13(3). Available at: <http://www.readcube.com/articles/10.18549/PharmPract.2015.03.590>.
 38. Malak Khalifeh, Pascale Salameh, **Amal Al Hajje**, Sanaa Awada, Samar Rachidi, Wafa Bawab. Hypertension in the Lebanese adults: Impact on health related quality of life. *Journal of Epidemiology and Global Health* 2015; 5(4):327-336. Available at: <http://www.sciencedirect.com/science/article/pii/S2210600615000301>.
 39. Salameh P, Karaki C, Awada S, Rachidi S, **Al Hajje A**, Bawab W, Saleh N, Waked M. Asthme et pollution: une étude pilote chez des adolescents Libanais scolarisés. *Revue des Maladies respiratoires*, 2015 ; 32(7) :692-704. Available at : <http://www.em-consulte.com/rmr/article/1001242>.
 40. Zein S, Rachidi S, Awada S, Osman M, **Al-Hajje A**, Shami N, Sharara I, cheikh-Ali K, Salameh P, Hinnerger-Favier I. High iron level in early pregnancy increased glucose intolerance. *Journal of Trace Elements in Medicine & Biology*, 2014; 30:220-225. Available at: <http://www.sciencedirect.com/science/article/pii/S0946672X14001734>
Or <http://www.ncbi.nlm.nih.gov/pubmed/25441227>
 41. Layoun N, Saleh N, Barbour B, Awada S, Rachidi S, **El Hajje A**, Bawab W, Waked M, Salameh P. Waterpipe effects on pulmonary function and cardiovascular indices: a comparison to cigarette smoking in real life situation. *Inhalation Toxicology*, 2014; 26(10):620-627. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/25144476>
 42. Saad M, Bawab W, **Al Hajje A**, Awada S, Rachidi S, Salameh P. Evaluation of hip fracture risk factors in older adults in the Lebanese Population. *Journal of Research in Health Sciences*, 2014; 14(3): 193-197. Available at: <http://jrhs.umsha.ac.ir/index.php/JRHS/article/view/1501>
Or <http://jrhs.umsha.ac.ir/index.php/JRHS/article/view/1501/pdf>
 43. Itany M, Diab B, Rachidi S, Awada S, **Al Hajje A**, Bawab W, Salameh P. The consumption of energy drinks among Lebanese youth: A Pilot study showing the prevalence and side effects. *International Journal of High Risk Behaviors & Addiction*. 2014; 3(3): e18857. Available at: http://scholar.google.com/scholar_url?hl=fr&q=http://jhrba.com/29893.pdf&sa=X&scisig=AAGBfm1-TZG_tV9WmfUUKXjKubufaFwPpA&oi=scholaralrt
 44. Zeidan RK, Rachidi S, Awada S, **El Hajje A**, Bawab W, Salameh J, Bejjani R, Salameh P. Carbon monoxide and respiratory symptoms in young adult passive smokers: a pilot study comparing waterpipe to cigarette. *International Journal of*

- Occupational and Environmental Health 2014; 27(4): 571-582. Available at: http://link.springer.com/article/10.2478/s13382-014-0246-z?sa_campaign=email/event/articleAuthor/onlineFirst#page-2
45. Awada S, Rachidi S, **Al-Hajje A**, Zeidan RK, Bou Kansour N, Abboud C, Bawab W, Salameh P. Gastro-esophageal reflux in Lebanese Adults. Effects on quality of life and correlates. *Pharmacologia* 2014; 5(9): 339-350. Available at: www.docsdrive.com/pdfs/pharmacologia/2014/339-350.pdf.
 46. Salameh P, Rachidi S, **Al-Hajje A**, Awada S, Chouaib K, Saleh N, Bawab W. Consommation de substances psychoactives des étudiants universitaires Libanais : prévalence, facteurs associés et protecteurs. *EMHJ* 2015;21(5) :332-341.
 47. El Zoghbi M, Boulos C, **Al Hajje A**, Saleh N, Awada S, Rachidi S, Bawab W, Salameh P. Prevalence of malnutrition and its correlates in older adults living in Beirut long stay institutions. *Journal of research in Health Sciences* 2014; 14(1): 11-17 Available at: <http://jrhs.umsha.ac.ir/index.php/JRHS/article/view/1224>.
 48. El Zoghbi M, Boulos C, **Al Hajje A**, Saleh N, Awada S, Rachidi S, Bawab W, Salameh P. Association between cognitive function and nutritional status in elderly: a cross-sectional study in three institutions of Beirut - Lebanon. *Geriatric Mental Health Care* 2013; 1(4): 73-81. Available at: <http://www.sciencedirect.com/science/article/pii/S2212969313000141>.
 49. Rachidi S, Awada S, **Al-Hajje A**, Bawab W, Zein S, Saleh N, Salameh P. Risky substance exposure during pregnancy: a pilot study from Lebanese mothers. *Drug, Healthcare, and Patient Safety*, 2013; 5: 123-131. Available at: http://www.dovepress.com/articles.php?article_id=13059 Or <http://europepmc.org/articles/PMC3662463?pdf=render>.
 50. Ajrouche R, **AL-Hajje A**, El-Helou N, Awada S, Rachidi S, Zein S, Salameh P. Statins decrease mortality in Lebanese patients with sepsis: A multicenter study. *Pharmacy Practice* 2013;11(2): 102-108. Available at: <http://www.pharmacypractice.org/journal/index.php/pp/article/view/342/303> Ou <http://www.ncbi.nlm.nih.gov/pubmed/24155857>.
 51. El-Helou N, **AL-Hajje A**, Ajrouche R, Awada S, Rachidi S, Zein S, Salameh P. Adverse Drug Events Associated with Vitamin K Antagonists: Factors of therapeutic imbalance. *Vascular Health and risk Management* 2013; 9: 81-88. Available at: http://www.dovepress.com/articles.php?article_id=12343.
 52. **Al-Hajje Amal**, Ezedine Mohammad, Hammoud Hassan, Awada Sanaa, Rachidi Samar, Zein Salam, Salameh Pascale. Aspects actuels des infections nosocomiales en milieu hospitalier libanais. *EMHJ* 2012; 18(5): 495-500. . Available at: http://applications.emro.who.int/emhj/v18/05/18_5_2012_0495_0500.pdf.
 53. **Al-Hajje A**, Atoui F, Awada s, Rachidi Samar, Zein Salam, Salameh Pascale. Drug-related problems identified by clinical pharmacist's students and pharmacist's interventions. *Annales Pharmaceutiques Françaises* 2012; 70(3) :169-176. Available at: <http://www.sciencedirect.com/science/article/pii/S0003450912000302>.
 54. **Al Hajje A**, Awada S, Rachidi S, Bou Chahine N, Azar R, Zein S, Hneine AM, Dalloul N, Sili G, Salameh P. Medication prescribing errors : Data from seven lebanese hospitals. *J Med Liban* 2012; 60(1): 37-44. Available at: <http://www.ncbi.nlm.nih.gov/pubmed/22645900>.

55. Salam Zein, Sanaa Awada, **Amal Al-Hajje**, Samar Rachidi, Pascale Salameh, Hussein Kanaan. Variation of thymol, carvacrol and thymoquinone production from wild and cultivated *Origanum syriacum* of south Lebanon. *Journal of Medicinal Plants Research* 2012; 6(9): 1692-1696. Available at: <http://www.academicjournals.org/jmpr/PDF/pdf2012/9%20Mar/Zein%20et%20al.pdf>.
56. Ballout S, Slim H, **Al-Hajje A**, Rachidi S, Salameh P, Awada S. Attitude et perception des praticiens hospitaliers vis-à-vis du concept de la pharmacie clinique et son intérêt dans le système de santé au Liban. *Journal of Population Therapeutics and Clinical Pharmacology*. May 29, 2012: 19(2):e187-e216. Available at: <http://www.jptcp.com/pubmed.php?articleId=370>.
57. R. V. Men'shova, S. P. Ermakova, S. M. Rachidi, **A. H. Al-Hajje**, T. N. Zvyagintseva, H. M. Kanaan. Seasonal variations of the composition, structural features, and antitumor properties of polysaccharides from *Padina pavonica* (Lebanon) as a function of composition. *Chemistry of Natural Compounds* 2012; 47(6): 870-875.
58. Salam Zein, Sanaa Awada, Samar Rachidi, **Amal Al Hajje**, Hussein Kanaan, Elena Krivoruschko. Chemical analysis of essential oil from Lebanese wild and cultivated *origanum syriacum* l. (Lamiaceae) before and after flowering. *Journal of Medicinal Plants Research* 2011; 5(3): 379-387.
59. **Al Hajje A**, Calop N, Bosson JL, Calop J. Which factors associated to hemorrhagic adverse drug events related to anti-vitamin K?. *Annales Pharmaceutiques Françaises* 2010; 68(1): 36-43.
60. **Al Hajje A**, Calop N, Bosson JL, Calop J. Hemorrhagic complications of anti-vitamin K. *Journal de Pharmacie de Belgique* 2009; 64(1): 19-24.

Publications in supplement journal (n=16).

1. M Zeineddine, A Al-Hajje, N El Ayoubi, W Hanna, Yammout B. Prevalence and Incidence Rates of Multiple Sclerosis in Lebanon. *MULTIPLE SCLEROSIS AND RELATED DISORDERS*. The Fifth MENACTRIMS Congress Abstracts 2020.
2. Skouri H, Zahwe M, Tamim H, Al-Hajje A, Rachidi S, khoury M, Isma'eel H. Outcomes of adherence to guidelines in heart failure management: the role of heart failure specialist. *European Journal of heart failure* 2019; 21:413-414.
3. Awada S, Rachidi S, Bawab W, **El Hajje A**, Salameh P. Evaluation of antibiotic prescription in a Lebanese pediatric hospital . Presented at the Regroupement Québécois de Recherche sur l'Usage des Médicaments (RQRUM), September 17th-18th 2013, Canada. *Journal of Population Therapeutics & Clinical Pharmacology*, 2013; 20(3): e266-304.
4. Raad Ghina, **Al-Hajje Amal**, Awada Sanaa, Rachidi Samar, Salameh Pascale. Evaluation of the prescriptions at community pharmacies in Lebanon. *Canadian Society of Clinical Pharmacology and Therapeutics*. *Journal of Population Therapeutics and Clinical Pharmacology*. Septembre 2013: 20(3):e285.
5. Christel Barbari, **Al-Hajje Amal**. Therapeutic follow up of patient taking vitamin K antagonist by Lebanese physicians. *Canadian Society of Clinical Pharmacology*

- and Therapeutics. *Journal of Population Therapeutics and Clinical Pharmacology*. Septembre 2013: 20(3):e296.
6. Souheir Ballout, Sanaa Awada, **Amal Al Hajje**, Samar Rachidi, Salam Zein, Pascale Salameh. Évaluation du traitement antibiotique et de la résistance bactérienne en service de soins intensifs: Application en milieu hospitalier Libanais. *Canadian Society of Clinical Pharmacology and Therapeutics. Journal of Population Therapeutics and Clinical Pharmacology*. Septembre 2013: 20(3):e283.
 7. Souheir Ballout, Sanaa Awada, **Amal Al Hajje**, Samar Rachidi, Salam Zein, Wafaa Bawab, Pascale Salameh. Evaluation des facteurs prédicteurs de la mortalité chez des patients atteints de sepsis : Application en milieu hospitalier Libanais. *Canadian Society of Clinical Pharmacology and Therapeutics. Journal of Population Therapeutics and Clinical Pharmacology*. Septembre 2013: 20(3):e284.
 8. Rouba Karen Zeidan, Nadine Bou Kansour, Carmen Abboud, **Amal Al Hajje**, Samar Rachidi, Salam Zein, Wafaa Bawab, Pascale Salameh, Sanaa Awada. Gastro-esophageal reflux disease in Lebanese adults: effects on quality of life and correlates. *Canadian Society of Clinical Pharmacology and Therapeutics. Journal of Population Therapeutics and Clinical Pharmacology*. Septembre 2013: 20(3):e289.
 9. El Helou N, Ajrouche R, Berberi C, Al Hajje A. Adverse Drug Events Associated with Vitamin K Antagonists: Factors of Therapeutic Imbalance, 17th LEA Annual, Conference, Beirut, Lebanon: November 2012
 10. Ajrouche R, **AL-Hajje A**. Effet bénéfique des statines sur la réduction de la mortalité des patients Libanais hospitalisés pour un sepsis. *Canadian Society of Clinical Pharmacology and Therapeutics. Journal of Population Therapeutics and Clinical Pharmacology*. May 29, 2012: 19(2):e187-e216.
 11. Awada S, Ballout S, Slim H, **Al-Hajje A**, Rachidi S, Salameh P. Attitude et perception des praticiens hospitaliers vis-à-vis du concept de la pharmacie clinique et son intérêt dans le système de santé au Liban. Presented at the 8TH RQRUM ANNUAL MEETING "TRANSLATIONAL RESEARCH:FROM DRUG DISCOVERY TO USAGE". May 29th-30th, 2012. Quebec, Canada. Published at the *Journal of Population therapeutics and clinical pharmacology* 2012 ; 19(2):e187-e216
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 13. S. Awada, F. Abou Jaoudeh, S. Rachidi, **A. Al Hajje**, N. Ankouni, S. Zein, H. Kanaan, P. Salameh. Assessment of Practices of Surgery Antibioprophylaxis in Beirut Governmental Hospital. Lyon - France, 2010. *Int J Clin Pharm*, 2011:33:378.
 14. **A. Al Hajje**, S. Awada, S. Rachidi, S. Zein, R. Azar, A.-M. Hneini, N. Dalloul, G. Sili, N. Bou Chahine, P.Salameh. Drug prescribing potential errors and interactions: data from 7 Lebanese Hospitals. Lyon – France, 2010. *Int J Clin Pharm*, 2011:33:377.

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16. **Al Hajje A.** Les événements iatrogènes médicamenteux hémorragiques associés aux anti-inflammatoires non stéroïdiens. *Revue d'Epidémiologie et de Santé Publique*. Elsevier Masson, volume 57, n° S2 Octobre 2009 : S69-S96.

Book Chapter Editing

1. Al Hajje-Karnib Amal. Soins Pharmaceutiques *in Pharmacie Clinique et Thérapeutique*. **4e édition** cordonnée par J. Calop, S. Limat, C. Fernandez. Sous l'égide de *l'Association Nationale des Enseignants de Pharmacie Clinique*. Masson, Paris, **2012**.

2. Al Hajje-Karnib Amal. Choc Septique *in Pharmacie Clinique et Thérapeutique*. **3e édition** cordonnée par J. Calop, S. Limat, C. Fernandez. Sous l'égide de *l'Association Nationale des Enseignants de Pharmacie Clinique*. Masson, Paris, **2008**.

Scientific Posters (n=24).

1. Zeineddine M, Boumediene F, **Al-Hajje A**, Salameh P, Helme A, Thor MG, Yamout B. Barriers to access multiple sclerosis Diseases-modifying Therapies in Middle East and North Africa: A regional Srvey-Based study. 7th MENACTRIMS congress. Egypt 11-12 november 2022.
2. Ismail G, Issa M, El-Hajj T, Tfaily H, Dassouki M, Assaf E, Abboud H, Salameh P, **Al-Hajje A**, Boumediene F, Yamout B, Zeineddine M. Quality of life, knowledge and access to treatment in times of economic crisis among Lebanese Multiple Sclerosis patients. 7th MENACTRIMS congress. Egypt 11-12 november 2022.
3. **Al-Hajje A.** Validation of diabetes medication adherence scale in the Lebanese population. 12th International Conference on Childhood Obesity and Nutrition. 18-19 Rome Italy 2019. **Award : Best Oral Poster presentation.**
4. Habli R, Al-Hajje, Lahoud N, Ajrouche R. Cost-effectiveness analysis of Ticagrelor vs Clopidogrel in patients with acute coronary syndromes. 7th National Prevention Conference, Ireland, November 2020.
5. Farhat A, Bou Karroum R, Panchaud A, Csajka C, Al-Hajje A. Impact of pharmaceutical interventions in hospitalized patients: comparative study between clinical pharmacist and explicit criteria. Pharmacy Experience Pharmacy congress. Canada Toronto 3-5 June 2019.
6. Mallah Z, Hammoud Y, Zein S, Awada S, Rachidi S, Ballout H, **Al-Hajje A.** Validation of diabetes medication adherence scale in the Lebanese population. 3rd World Congress on Diabetes and Obesity. Recent advances in Diabetes and Obesity. Rome Italy 18-20 March 2019.

7. Hadi Skouri, Mariam Zahwe, Hani Tamim, **Amal Al-Hajje**, Samar Rachidi, Maurice Khoury, Hussain Isma'eel. Evaluation of Guideline Adherence in Heart Failure Management: The role of HF-specialist. Heart Failure - ESC Greece 2019
8. Mariam Zahwe, Hadi Skouri, **Amal Al-Hajje**, Hani Tamim, Samar Rachidi, Hussain Isma'eel. Potentially inappropriate Use of Medications among Elderly Patients with Heart Failure: Beer's Criteria-based Review. Heart Failure - ESC Greece 2019.
9. Nouredine S, Zahwe M, Ismae'1 H, Tamim H, **Al-Hajje A**, Rachidi S, Skouri H. Validation of the arabic version of the Minnesota Living with heart failure questionnaire. International Academy of Cardiology. Annual Scientific sessions 2018. 23rd World Congress on Heart Disease. Boston USA, July 27-29, 2018.
10. Bou Zeid M, Bardet J-D, **Al-Hajje A**, Allenet B, Bedouch P. Etat de connaissance sur les observatoires pour la documentation des problèmes iatrogènes médicamenteux et des interventions pharmaceutiques hospitalières : Une revue systématique. SFPC. Lille 7 Fev 2018.
11. Bou Zeid M, **Al-Hajje A**, Bardet J-D, Allenet B, Bedouch P. Déploiement d'une activité de pharmacie Clinique structure avec documentation des interventions pharmaceutiques au Liban : Résultats préliminaires. SFPC. Lille 7 Fev 2018.
12. Farhat A, **Al-Hajje A**. Potentially Inappropriate Prescriptions (PIPs) in Geriatrics: A comparison between PIM-Check and STOPP/START. Presented at Journée Franco-Suisse de Pharmacie Hospitalière.
13. Ayoub D, Zein S, Awada S, Rachidi S, Ballout H, **Al-Hajje A**. Development of a tool to evaluate adherence to oral antidiabetics in the Lebanese population. Presented at 13th Diabetes Day. Lebanese Society of Endocrinology Diabetes and Lipids. November 11, Lebanon 2017.
14. Diab B, Rachidi S, Zein S, **El Hajje A**, Echtaye A, Salameh P, Bawab W, Awada S. Co-morbidity in diabetic patients: evaluation by two co-morbidity scores. Presented at the International Forum of Quality & Safety in Healthcare. April 8-11th, Paris, 2014.
15. Diab B, Rachidi S, Zein S, **El Hajje A**, Echtay A, Salameh P, Bawab W, Awada S. Co-morbidity in Lebanese Diabetic Patients: Evaluation by two Comorbidity Scores. RQRUM Canada.
16. Zein S, Rachidi S, Awada S, **El Hajje A**, Salameh P, Diab B, Hinninger-Favier I. Association of Elevated Iron Status and the Risk of Gestational Diabetes Mellitus in Lebanese Pregnant Women. Presented at the International Forum of Quality & Safety in Healthcare. April 8-12th, Paris, 2014. Available at: [http://attendeo-production.s3.amazonaws.com/events/52c453cac76ab7b722000013/posters/0c8d1d33-075c-46d6-921e-69c82c1b62be/Poster%20Samar%20Rachidi%20\(Diabetes\).pdf](http://attendeo-production.s3.amazonaws.com/events/52c453cac76ab7b722000013/posters/0c8d1d33-075c-46d6-921e-69c82c1b62be/Poster%20Samar%20Rachidi%20(Diabetes).pdf).
17. Awada S, Rachidi S, Bawab W, **El Hajje A**, Salameh P. Evaluation of antibiotic prescription in a Lebanese pediatric hospital . Presented at the Regroupement Québécois de Recherche sur l'Usage des Médicaments (RQRUM), September 17th-18th 2013, Canada. Journal of Population Therapeutics & Clinical Pharmacology, 2013; 20(3): e266-304. Available at: <http://www.jptcp.com/pubmed.php?articleId=434>.

18. Zeidan RK, Awada S, Rachidi S, Bawab W, **El Hajje A**, Salameh P. Gastro-esophageal reflux Disease in Lebanese adults: effects on quality of life and correlates. Présenté au Regroupement Québécois de Recherche sur l'Usage des Médicaments (RQRUM), September 17th-18th 2013, Canada. Journal of Population Therapeutics & Clinical Pharmacology, 2013; 20(3): e266-304. Available at : <http://www.jptcp.com/pubmed.php?articleId=434>.
19. Ballout S, Awada S, **Al Hajje A**, Rachidi S, Zein S, Salameh P. Évaluation du traitement antibiotique et de la résistance bactérienne en service de soins intensifs: Application en milieu hospitalier Libanais. Presented at the Regroupement Québécois de Recherche sur l'Usage des Médicaments (RQRUM), September 17th-18th 2013, Canada. Journal of Population Therapeutics & Clinical Pharmacology, 2013; 20(3): e266-304. available at : <http://www.jptcp.com/pubmed.php?articleId=434>.
20. Ballout S, Awada S, **Al Hajje A**, Rachidi S, Zein S, Salameh P. Evaluation des facteurs prédicteurs de la mortalité chez des patients atteints de sepsis : Application en milieu hospitalier Libanais. Presented at the Regroupement Québécois de Recherche sur l'Usage des Médicaments (RQRUM), September 17th-18th 2013, Canada. Journal of Population Therapeutics & Clinical Pharmacology, 2013; 20(3): e266-304. Available at : <http://www.jptcp.com/pubmed.php?articleId=434>.
21. Raad G, Awada S, **Al Hajje A**, Rachidi S, Salameh P. Evaluation of the prescriptions at community pharmacies in Lebanon. Presented at the Regroupement Québécois de Recherche sur l'Usage des Médicaments (RQRUM), September 17th-18th 2013, Canada. Journal of Population Therapeutics & Clinical Pharmacology, 2013; 20(3): e266-304. Available at: <http://www.jptcp.com/pubmed.php?articleId=434>
22. Zein S, Rachidi S, Awada S, **Al Hajje A**, Salameh P, Hininger-Favier I. Association of elevated serum ferritin level and the risk of gestational diabetes mellitus in none anemic pregnant women. Fifth International Congress of the Federation of European Societies on Trace Elements and Minerals. Bridging between New Advances and Public Health Issues, Avignon, France, May 22-24, 2013.
23. Awada S, Rachidi S, **Al Hajje A**, Salameh P. Drug prescribing potential errors and interactions: data from seven Lebanese hospitals. Présenté au European Symposium of Clinical pharmacy, 21–23 Octobre, 2010, Lyon, France.
24. **Al Hajje A**. Les facteurs de risque associés aux événements iatrogènes médicamenteux hémorragiques sous anti-inflammatoires non stéroïdiens (AINS): enquête prospective. Colloque annuel 2009 du RQRUM (Réseau québécois de recherche sur l'usage des médicaments). Montréal – Canada, June 2-3, 2009.

Oral Presentations

1. Zeineddine M, **Al-Hajje A**, Yamout B. Disease- Modifying Therapies, outcomes, risk factors and severity of COVID-19 in Multiple Sclerosis: A MENACTRIMS registry-based study. 7th MENACTRIMS congress. Egypt 11-12 november 2022.
2. Rachidi S, Zein S, Awada S, **Al-Hajje A**, Salameh P, Bawab W, Hininger-favier I. Association of oxidative stress induced by iron status to the risk of gestational diabetes mellitus: a pilot study. International conference on targeting Diabetes and novel therapeutics. Las Vegas, USA. September 14-16, 2016.
3. Awada S, Jradeh A, **Al-Hajje A**, Rachidi a, Zein S, Ehtay A, Bawab W, Salameh P. Evaluation of antibiotic prescription in Lebanese Elderly hospitalized patients. International Forum on Quality & Safety in Health Care. London. April 21-24, 2014.
4. **Al Hajje A**. Summary of the Clinical and Epidemiological Research Laboratory Group work. Présentée aux 5emes Journées Scientifiques, Ecole Doctorale des Sciences et Technologies, 24 Septembre 2013, Liban.
5. **Al Hajje A**. Première journée Portes Ouvertes pour la Recherche, Faculté de Pharmacie, Université Libanaise. Responsable du Comité d'organisation. Le 12 Décembre 2014. Hadath, Liban.
6. **Al Hajje A**, El Helou N. Adverse Drug Events Associated with Vitamin K Antagonists: Factors of therapeutic imbalance. LAE conference, Lebanon 2013.
7. **Al Hajje A**. Drug prescribing errors and interactions in seven Lebanese hospitals: preliminary results. Presented at the Second Congress of Clinical Pharmacy of the Lebanese University. Beirut, May 15th 2009
8. **Al Hajje A**. Rôle du pharmacien clinicien dans la prévention de l'iatrogénie médicamenteuse. 1st Scientific Day of Clinical Pharmacy, Lebanese University, Faculty of Pharmacy, Hadath- Beirut. October 26th 2007, Lebanon.

Reviewers in many scientific journals

- Pharmacy Practice. Voir : <http://www.pharmacypractice.org/list-of-reviewers/>
- African Journal of Pharmacy and Pharmacology
- Annals of Medical and Health Sciences Research

Professional Experience

2020- Actually: Head of department 'Clinical Pharmacy'. Faculty of Pharmacy, Lebanese University.

2013 – 2020: Head of department 'Masters and Research'. Faculty of Pharmacy, Lebanese University.

2013 - Actually : Chair of 'Clinical Pharmacy' Masters program and Chair of Pharm D 'Clinical Pharmacy. Faculty of Pharmacy, Lebanese University.

2013 – Actually: Professor at the Lebanese University. Faculty of Pharmacy. M2R Clinical Pharmacy and Pharmacoepidemiology, M2 professionnall Clinical Pharmacy, PharmD Clinical Pharmacy, PharmD Hospital Pharmacy.

2011 - 2013: Professor at the Lebanese University, Doctorate School of Sciences and technology and Faculty of Pharmacy: M2R Pharmacie Clinique et Pharmaco-Epidemiologie.

October 2008 - Actually: **Professor and responsible of the Master ‘M1 and M2 Professional Clinical Pharmacy’**- Faculty of Pharmacy - Lebanese University;.

October 2005- Actually: Teaching at the Lebanese University, Faculty of Pharmacy (Clinical Pharmacy and Therapeutics, Clinical cases);

October 2005- 2014: Teaching at the Lebanese University, Faculty of Pharmacy (Clinical Pharmacy and Therapeutics, Hospital Pharmacy, Pharmaceutical preparations);

October 2005- 2008: Teaching at the Lebanese University, Faculty of Sciences, Hadath (Immunology, Microbiology, Biochemistry);

October 2008- 2011: Teaching in the Master 1 at the Lebanese University, Faculty of Sciences, Hadath-Beirut (Pharmacology and Toxicology);

October 2007- Actually: Preceptor at the Lebanese University: Training on Clinical Pharmacy Clerkship, 6th year program (Rafic Hariri University Hospital);

2006- 2007: Preceptor at the Lebanese University: Training on Clinical Pharmacy Clerkship, 6th year program (Sahel General Hospital);

Languages

French, English and Arabic.

Practical Knowledge and Clerkships

Different software concerning medicine, drugs, statistics, epidemiology: Medline, SAS, STATVIEW (programming and analysis), SPSS.

Affiliations

- Member of the Pharmacy Lebanese Colloquium Comity since 2006
- Member of the Lebanese Order of Pharmacists since 1999
- Member of the Clinical Pharmacy department team- Lebanese University since 2006.
- Member of Clinical Research and Pharmaco-epidemiology team- Lebanese University – Faculty of pharmacy.

- Director of many thesis in : Master 2 Research ‘Clinical Pharmacy and Pharmaco-Epidemiology’; Master 2 Professional Clinical Pharmacy; PharmD Clinique, PharmD officinal.
- Supervisor of PhD Student in Pharmaco-epidemiology since 2015 (Cotutelle Lebanese University- Université de Genève Suisse).
- Supervisor of PhD Student in Clinical Pharmacy 2017 (Cotutelle Lebanese University- Université de Limoges- France).
- Supervisor of PhD Student in Clinical Pharmacy 2017 (Cotutelle Lebanese University- American University of Beirut).