

Sandrella Bou Malhab

Pharmacist

Born on March 3, 1983 Lebanon

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EDUCATION AND QUALIFICATIONS

2016-2020	PhD in Pharmaceutical science (Emphasis on Epidemiology and pharmacogenetics) <i>Thesis: Genetic and environmental factors associated with smoking behavior in Lebanon</i>	Lebanese University in collaboration with Saint Joseph University Beirut Lebanon
2014-2015	Master of Science in Pharmaceutical Biotechnology <i>Thesis: Detection and quantification of pesticides in Lebanese vegetables</i>	Lebanese University- Faculty of Pharmacy- Beirut Lebanon and L.A.R.I. (Lebanese Agricultural Research Institute)
2001-2006	Bachelor of Science in Pharmacy	Lebanese American University LAU – Byblos Lebanon
2000-2001	Lebanese Baccalaureate- Life Science section	College Mariste, Notre Dame de Lourdes- Byblos Lebanon

PROFESSIONAL EXPERIENCE

September 2012- May 2016	Community pharmacy manager	Pharmacie Saint Jean- Batroun Lebanon
May 2007- October 2011	Hospital pharmacist - Screening of physicians orders - Delivering communications to floor nurses and medical students - Member of the “Evaluation des pratiques professionnelles” (EPP) committee.	CHU Notre Dame de Secours – Byblos Lebanon
January 2007- April 2007	Assistant pharmacist	Julian Pharmacy- Zouk Lebanon

COMPETENCIES

Programming:	Statistical analysis, data management and graphics on SPSS.
Computer:	MS Word, MS Excel, MS PowerPoint
Statistics:	Descriptive and comparative analysis (parametric and non-parametric tests), ANOVA, correlation, linear regression, repeated measures, logistic regression, survival analysis (actuarial statistical analysis of Kaplan Meier, Cox model), factor analysis, measurement scales, stratification and interaction analysis.
Methodology:	Design studies, development of protocols (randomized trials, cohort, cross-sectional surveys, case-control, meta-analysis, systematic literature review).
Analytical techniques:	Analysis and detection (GC-MS, LC-MS, PCR), medicinal plants extraction techniques, pesticides extraction (QuEChERS) and DNA extraction.
Languages:	French (read, spoken, written), English (read, spoken, written), Arabic (read, spoken, written).

POSTERS

- 1- Sandrella Bou Malhab, Lydia Rabbaa Khabbaz Pascale Salameh. **Smoking social acceptability in Lebanon.** International epidemiological association, 12th regional conference, Eastern Mediterranean region, February 21-23 2019, Beirut Lebanon
- 2- Sandrella Bou Malhab, **Les facteurs génétiques et environnementaux associés au tabagisme au Liban.** Finale Nationale du Concours MT 180 au Liban, June 29, 2018
- 3- Sandrella Bou Malhab, Lydia Rabbaa Khabbaz Pascale Salameh. **Assessment of perceptions and attitudes linked to waterpipe and cigarette smoking in Lebanon.** European Congress of Epidemiology IEA-Adelf-Epiter, July 4-6 2018, Lyon France

PUBLICATIONS

- 1- Bou Malhab S, Rabbaa Khabbaz L, Salameh P. **Assessment of perceptions and attitudes linked to water pipe and cigarette smoking in Lebanon.** Rev Epidemiol Sante Publique. 2018;(66):S376–7.
- 2- Bou Malhab S, Hallit S, Rabbaa L, Salameh P. **Smoking social acceptability in Lebanese adults : Effect of age , gender , family influence , and residence.** Am J Prev Med. 2019;(November).
- 3- Hallit S, Haddad C, Bou Malhab S, Khabbaz LR, Salameh P. **Construction and validation of the water pipe harm perception scale (WHPS-6) among the Lebanese population.** Environ Sci Pollut Res. 2020;27(3). (first co-author)
- 4- Bou Malhab S, Hajj A, Hajj Moussa Lteif F, Salameh P, Rabbaa Khabbaz L. **Influence of genetic polymorphisms on waterpipe smoking phenotypes.** Gene Reports [Internet]. 2020;21(October):100899. Available from: <https://doi.org/10.1016/j.genrep.2020.100899>
- 5- Haddad C, Bou Malhab S, Sacre H, Salameh P. **Smoking and COVID-19: A Scoping Review.** Tobacco Use Insights. 2021. <https://doi.org/10.1177/1179173X21994612>
- 6- Bou Malhab S, Hajj A, Hajj Moussa Lteif F, Aoun Bacha Z. Saadallah Zeidan N. Salameh P, Rabbaa Khabbaz L **Gender-by-gene associated influence on cigarette smoking dependence level.** Nicotine and Tobacco research (submitted manuscript)
- 7- Bou Malhab S, Hajj A, Hajj Moussa Lteif F, Aoun Bacha Z. Saadallah Zeidan N. Salameh P, Rabbaa Khabbaz L. **Differential influence of the age of smoking initiation on the role of *CHRNA5* (rs16969968), *OPRM1* (rs1799971) and *DRD2* (rs6277) in nicotine dependence.** Neuroscience letters journal (submitted manuscript)

- 8- Haddad C, Bou Malhab S, Sacre H, Malaeb D, Azzi J, Khachman D, Lahoud N, Salameh P. **Factors related to Pregnancy Outcome Among Lebanese Women During COVID-19 Confinement.** BMC Pregnancy and child birth (submitted manuscript)
- 9- Haddad C, Malaeb D, Sacre H, Bou Malhab S, Khachman D, Lahoud N, Azzi J, Salameh P. **Psychological Distress Among Lebanese Women During the COVID-19 Confinement: Any Mediating Effect of Violence?** BMC Women health journal (submitted manuscript)
- 10- Bou Malhab S, Sacre H, Malaeb D, Lahoud N, Khachman D, Azzi J, Haddad C, Salameh P. **Factors related to autonomy among Lebanese women : a web-based cross-sectional study.** BMC Women's health journal (Revised manuscript)
- 11- Haddad C., Bou Malhab S., Malaeb, D., Sacre, H., Saade, D., Mortada, V., Salameh, P., **Stigma towards People with COVID-19 Among the Lebanese Population : A Cross-sectional Study of Correlates and Mediating Effects.** Journal of Health Psychology (submitted manuscript)

MEMBERSHIPS

Member of the Lebanese Order of Pharmacists since 2007

Member of the Lebanese Epidemiological Association since 2017