
Dalal A Hammoudi

Assistant Professor - Full Time

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School:	School of Pharmacy	Department/Division	Pharmaceutical Sciences
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BIOGRAPHY

Registered pharmacist; holds master and PhD degrees in microbiology from Faculty of Pharmacy, Saint-Joseph University, Beirut, Lebanon; affiliation with Rodolph-Merieux Laboratory, Beirut, and Paris-Descartes University. Full-time faculty and chairperson of the department of Pharmaceutical Sciences at the School of Pharmacy. Previously involved in microbiological work on microbial genetics, molecular virology and cancer viruses. Teaching experience in areas related to community and clinical pharmacy, applied pharmacy practice and pharmacogenomics, general and medical bacteriology, virology, and mycology. Professional experience in community pharmacy. Involved in continuing education sessions for pharmacists.

RESEARCH INTERESTS

- Antibiotic resistance in Lebanon and misuse of antibiotics in the community; special focus on carbapenem resistance. Research on pharmacy practice and drug awareness
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PUBLICATIONS - CONFERENCES

- 2015** Hammoudi D. Antimicrobial Resistance: Update on Mechanisms and Epidemiology. Oral communication at the 23rd annual congress of the Lebanese Order of Pharmacists. October 16 – 18, 2015. Beirut, Lebanon.
- 2010** Fawzi M and Hammoudi D. Botulinum neurotoxin: from poison to remedy. Poster presentation at International Conference of Recent Advances in Pharmaceutical Research and Technology. May 6-7, 2010. Faculty of Pharmacy, Beirut Arab University, Beirut, Lebanon.
- 2014** Hammoudi D, Farah Z, and Rahal M. Use of Medications Among High

School Adolescents in Lebanon: Prevalence, Common Trends and Associated Risk Factors. Oral communication at 17th conference of pharmacy schools in Arab World. Ain Shams University. Oct 16-17, 2014. Cairo, Egypt.

- 2012** Hammoudi D, Achhab R, Abou Ghoush L, Hdeib F, Rahal M. A survey of antibiotics use in community pharmacies, Bekaa area, Lebanon. Oral communication at 14th conference of pharmacy schools in Arab World. Ajman University of Science and Technology (AUST). Feb 7-9, 2012. Ajman, UAE.
- 2012** Rahal M, Hashem S, Hdeib F, Hammoudi D, Saifi S, and Derkaloustian K. Impact of pharmacist counseling on treatment outcomes in type II diabetes mellitus patients in Bekaa Valley, Lebanon. Oral communication at 14th conference of pharmacy schools in Arab World. Ajman University of Science and Technology (AUST). Feb 7-9, 2012. Ajman, UAE.
- 2012** Rahal M, Hashem S, Hdeib F, Hammoudi D, Salaheddine S, Mourad N, Younis S, and Hajj Khalil M. Evaluation of the cost-effectiveness of commonly prescribed statins in Bekaa Area, Lebanon. Oral communication at 14th conference of pharmacy schools in Arab World. Ajman University of Science and Technology (AUST). Feb 7-9, 2012. Ajman, UAE
- 2005** Kamal SM, Fakoury RF and Hammoudi D. Mouse mammary tumor virus (MMTV)-like sequence in breast cancer of Egyptian women. Oral communication at the International Conference on Research trends in Science and Technology. March 7-9, 2005. Lebanese American University, Byblos, Lebanon.
- 2015** Trends in the prevalence, awareness, treatment, control and risk factors associated with hypertension in Lebanese adults: A cross sectional study. Mouhtadi B, Kanaan R, Iskandarani M, Hammoudi D. Poster presentation at ASHP (American Society of Health-System Pharmacists) Midyear Clinical Meeting and Exhibition. December 6 – 10, 2015. New Orleans, Louisiana.
- 2015** D. Hammoudi, C. Ayoub Moubareck, D. Karam Sarkis. One year assessment of carbapenem resistance in Lebanon: results of the first cross-sectional countrywide survey. Poster presentation at 55th ICAAC conference (Interscience Conference on Antimicrobial Agents and Chemotherapy). September 17 - 21, 2015. San Diego, California.
- 2015** D. Hammoudi, C. Ayoub Moubareck, D. Karam Sarkis. Diffusion of

imipenem resistant *Acinetobacter baumannii* co-expressing OXA-23 and GES-11 carbapenemases in Lebanon. Poster presentation at 25th ECCMID conference (European Conference of Clinical Microbiology and Infectious Diseases). April 25-28, 2015. Copenhagen, Denmark.

- 2014** Hammoudi D, Moubareck C, and Karam-Sarkis D. First nationwide investigation of carbapenem nonsusceptible Enterobacteriaceae isolated from Lebanese hospitals over a one-year period. Poster presentation at the 34th RICAI conference (REUNION INTERDISCIPLINAIRE DE CHIMIOTHERAPIE ANTI-INFECTIEUSE). Nov 27-28, 2014. Paris, France.
- 2014** Mhanna R and Hammoudi D. Incidence and risk factors associated with iron deficiency anemia in hospitalized Lebanese infants. Poster presentation at 17th conference of pharmacy schools in Arab World. Ain Shams University. Oct 16-17, 2014. Cairo, Egypt.
- 2014** Mhanna R and Hammoudi D. Impact of clinical pharmacist on healthcare team perceptions of pediatric iron deficiency anemia. Poster presentation at 17th conference of pharmacy schools in Arab World. Ain Shams University. Oct 16-17, 2014. Cairo, Egypt.
- 2012** Hammoudi D, Moubareck C, and Karam-Sarkis D. Increased number and diversity of carbapenemases produced by gram-negative bacilli in a Lebanese hospital. Poster presentation at the 32nd RICAI conference (REUNION INTERDISCIPLINAIRE DE CHIMIOTHERAPIE ANTI-INFECTIEUSE). Nov 22-23, 2012. Paris, France.
- 2015** Hammoudi D, Ayoub Moubareck C, Karam Sarkis D. First multicenter study of carbapenem non susceptible Enterobacteriaceae and *Acinetobacter baumannii* in Lebanon: analysis of resistance mechanisms and clonality. Oral communication at the 21st LAAS (Lebanese Association for the Advancement of Science) International Science Conference. Saint-Joseph University. April 15-17, 2015. Beirut, Lebanon.

PUBLICATIONS - JOURNALS

- 2005** Kamal SM, Makki RF, and Hammoudi DA. Mouse Mammary Tumor Virus (MMTV) ENV-like gene sequence in Breast cancer of Egyptian women. *Int J Cancer Prev* 2005 ; 2(2) : 109-115.
- 2014** Hammoudi D, Ayoub Moubareck C, Karam Sarkis D. How to detect carbapenemase producers? A literature review of phenotypic and

molecular methods. *J Microbiol Methods*. 2014; Oct 7; 107C: 106-118

- 2014** D. Hammoudi, C. Ayoub Moubareck, J. Aires, A. Adaime, A. Barakat, N. Fayad, N. Hakime, M. Houmani, T. Itani, Z. Najjar, M. Suleiman, R. Sarraf, D. Karam Sarkis. Countrywide spread of OXA-48 carbapenemase in Lebanon: surveillance and genetic characterization of carbapenem-nonsusceptible Enterobacteriaceae in 10 hospitals over a one-year period. *Int J Infect Dis*. 2014; Dec; 29C:139-144.
- 2015** D. Hammoudi, C. Ayoub Moubareck, A. kanso, P. Nordmann, D. Karam-Sarkis. Surveillance of carbapenem non-susceptible gram negative strains and characterization of carbapenemases of classes A, B, and D in a Lebanese hospital. *J Med Liban* 2015; 63(2): 66-73.
- 2015** Hammoudi D, Moubareck CA, Hakime N, Houmani M, Barakat A, Najjar Z, Suleiman M, Fayad N, Sarraf R, Sarkis DK, Spread of imipenem-resistant *Acinetobacter baumannii* co-expressing OXA-23 and GES-11 carbapenemases in Lebanon. *Int J Infect Dis*. 2015; 36: e56-e61.
- 2016** Incidence and risk factors associated with iron deficiency anaemia among hospitalised Lebanese infants. Mhanna R, Rahal M, Iskandarani M and Hammoudi D. *Int J Pharm Prac*. 2016; 24: 203–208.

PUBLICATIONS - BOOK & BOOK CHAPTERS

- 2016** Carbapenem-resistant Gram-negative bacilli: The state of the art. D. Hammoudi Halat, D.K. Sarkis and C.A. Moubareck. In *Antibiotic resistance: Mechanisms and new antimicrobial approaches*. Kateryna Kon and Mahendra Rai, Eds. Elsevier Academic Press, 2016, pp 93-119.
- 2015** Editor-in-Chief of School of Pharmacy Newsletter, periodic publication of the LIU School of Pharmacy, including faculty highlights, pharmacy updates and School activities.