

Marwan G. AKEL

2019

Personal Information

Email: marwan.akel@liu.edu.lb

Marital Status: Married

Cell Phone: 961 - 3 – 500434

Citizenship: Lebanese

Address: Kornish el-Mazraa, Beirut

Birth Date: April 09, 1983

Education

2016- 2019 **PhD Epidemiologie et Analyses de la Sante:** Universite Paul Sabatier; Toulouse, France

2014 – 2015 **Masters II in Public Health: Epidemiology and Biostatistics;** Lebanese University

2007 - 2008 **Doctor in Pharmacy Pharm.D;** Lebanese American University

2004 - 2007 **Bachelor in Pharmacy;** Lebanese American University

2001 - 2004 **Bachelor in Biology;** American University of Beirut

Certification

2018: American Pharmacists Association (APhA) Pharmacy-Based Immunization Delivery

Professional Experience

- 2010-Present: Clinical Assistant/Associate Professor, Lebanese International University
- 2008-2010: Clinical Instructor, Lebanese American University
- 2007-2010: Senior Pharmacist, Mazen Pharmacy
- 2007-2016: Pharmacist in charge of Health Care Society

Teaching Profile

- Pharmaco-Therapeutics
- Pharmacy History, Practice and Ethics
- Pharmacy Practice Experience
- Professional Communication
- Clinical Pharmacokinetics

National / International Presentations

- Role of the Pharmacist in Vaccination: FIP EMRO, April 2019, Amman, Jordan
- Overview of Childhood Psychiatric Disorders: OPL, November 2018
- A Glimpse into Neurology and Psychiatry: UNRWA, March 2018
- Refugees in Lebanon: Finding the Humanitarian Face of Pharmacy: FIP, September 2018, Glasgow, UK
- First Steps in Harm Reduction In Lebanon: FIP, September 2017, Seoul, South Korea
- Mental Disorders: OPL, Medication Therapy Management series, February 2017
- It is Bed Time: OPL, November 2015
- Overweight and Obesity management: National Pharmacy Conference, October 2015
- Evaluation of Kidney Stones Disease in Lebanon: FIP, October 2015, Dusseldorf, Germany
- It is Time for the Bowel to Move: OPL, August 2015
- Safe Management of Insomnia: BAU, May 2015
- What is after Benzodiazepines Treatment: Health Insight 5, April 2015
- Drugs/Nutrients Considerations after Bariatric Surgeries: National Pharmacy Conference, October 2014

Special Courses and Trainings

- ISIRV School of Respiratory Viruses 2018 AUB/Lebanon
- Research on Research 2017 AUB/Lebanon
- Adolescents Health in the Arab Region 2016 AUB/Lebanon
- SPSS Workshop 2015/LIU
- A Situation Analysis of Applied Research Ethics 2014 AUB/Lebanon
- International Conference on Effective Teaching and Learning in Higher Education 2014 AUB/Lebanon
- Teaching Innovation and Learning Excellence 2014 LIU/Lebanon
- Pharmacotherapy Review course 2013 Minneapolis/USA
- Clinical Nutrition course 2013 AUB/Lebanon
- Working Together Towards Better Donation Management July 2011 HCS/Lebanon
- Capacity Building of Recipient Partners 2011 HCS/Lebanon
- Maximizing Benefit, Minimizing Harm 2009 HCS/Lebanon
- Customer Service 2009 Mazen Pharmacy/Lebanon
- Think Outside the Box 2009 Mazen Pharmacy/Lebanon
- Drug Company Training 2008 Mersaco/Lebanon
- Need Assessment 2008 HCS/Lebanon
- Understanding and Making Clear our Needs of Medicines 2008 HCS/Lebanon

Conferences Attended

- FIP 2019 Regional Conference, Amman/Jordan
- FIP 2018, Glasgow/United Kingdom
- FIP 2017, Seoul/South Korea
- FIP 2016, Buenos Aires/Argentina
- FIP 2015, Düsseldorf/Germany
- ASHP Midyear meeting 2014, Anaheim/USA
- ASHP Summer meeting 2013, Minneapolis/USA
- ASHP Summer meeting 2011, Denver/USA
- ASHP Midyear meeting 2008, Orlando/USA
- ASHP Midyear meeting 2007, Las Vegas/USA
- Pharmacy Conferences of the OPL: "Ordre des Pharmaciens du Liban" since 2004

Special Mission / Work

- 2017-Present: Member of the FIP working group: Competencies for Pharmacists working in a humanitarian environment
- 2015-Present: Member of Medication safety force task of the OPL
- 2015- Present: Member of the FIP working group on the role of pharmacist in harm reduction.
- 2014: Visit to LIU SOP Yemen. (Sana'a and Aden), Clinical Pharmacy Implementation.
- 2007-2011: Pharmacist in Charge at Volunteer Outreach Clinic. Shatila camp, Lebanon.

Affiliations

- Member of OPL: Ordre des Pharmaciens du Liban, since 2008
- Member of FIP: International Pharmaceutical Federation, since 2015
- Member of APhA: American Pharmacists Association, since 2018
- Member of ASHP: American Society of Health System Pharmacists, since 2007
- Member of Scientific committee of OPL, since 2009
- Member of HCS: Health Care Society, since 2007

Ongoing International Projects

1: Pharmacist Role in Harm Reduction (2015-Present)

Chair: Andy Gray (South Africa) Members: Carlos Lacava (Uruguay) Anabela Madeira (Portugal) Marwan Akel (Lebanon) Jamie Earnest (USA) Liezl Channing (Switzerland) Zuzana Kusynová FIP Staff Support

The FIP Bureau decided to set up the “FIP working group on pharmacists’ role in harm reduction” with the following objectives:

- *To collect and comment upon the available evidence for the role and impact of pharmacists and their associations in harm reduction programs*
- *To provide an overview of existing national and regional policies around harm reduction that support pharmacists involvement in such activities*
- *To specifically address the question of the sale of marijuana for recreational use, and how this might involve pharmacists, as part of a harm reduction approach*
- *To review the continued relevance of existing FIP Statements on any harm reduction programs or policies*

2: To what extent do antibiotics taken at home influence doctor’s prescription decision-making for upper respiratory tract infections in an outpatient department for Syrian refugees under 15 years in Lebanon (2016-2017)

Chair: Wilma van den Boogaard (Luxembourg) Member: Medecins sans Frontieres and LIU: Marwan Akel

Medecins Sans Frontieres is launching this project in Shatila, Beirut, to describe the following objectives:

- *Patient’s demographic and clinical characteristics*
- *Patient’s history in auto-medication for the same disease/symptoms*
- *Doctor’s antibiotic prescriptions in relation to diagnosis*
- *Doctor’s antibiotic prescriptions in relation to patient’s auto-medication history*

3: Medication Delivery Route Preferences and Influencing Factors (2016-present)

Chair: Sudaxshina Murdan, UCL School of Pharmacy, (United Kingdom) Members: China, Japan, South Korea, Hong Kong, Slovenia, Portugal, Denmark, Netherlands, Great Britain, Ireland, US, Thailand, Chile, Brazil, Malta, Phillipines, Turkey, Nigeria, Ghana, Qatar, Lebanon (Marwan Akel), Tunisia, Serbia, Russia

The Objectives are:

- *One’s culture/ethnicity/religion influences one’s perception of the different routes of delivering drugs, in terms of the routes’ efficacy, painfulness and speed of action, which may be directly related to one’s acceptability of that route.*
- *One’s beliefs about these – acceptability, efficacy, painfulness, speed of action – may be related to one’s age, gender, urban/rural residence, education, religiousness, current status of health, wealth, any treatment and access to treatment.*

4: Competency framework for Humanitarian Pharmacists (2017-Present)

Chair: Sylvain Grenier, MEPS President, Team Chair, Elizabeth McCourt, Queensland University of Technology, Ina Donat, PSF, Kate Enright, Save the Children, Marwan Akel, Lebanese International University, School of Pharmacy, Mauricio Aragno, MSF, Melanie Morrow, Australian National Critical Care and Trauma Response Centre, Nancy Claxton, IFRC, Pernille Miller, MSF, Petra Straight, Save the Children, Zuzana Kusynova, FIP, secretarial support

The FIP Bureau decided to set up the “FIP working group on competency framework for the humanitarian pharmacist with the following objectives:

- *To define the humanitarian environment pharmacists are working in;*
- *To list and define tasks and responsibilities that pharmacists working in a humanitarian environment are facing;*
- *To develop a competency framework based on the tasks and responsibilities identified by the group;*

- To identify training needs and requirements for pharmacists in the humanitarian pharmacy environment.

Publications

- 1: Abeer A Zeitoun, Hani I Dimassi, **Marwan G Akel**, Dania Y El Kary. An evaluation of practice pattern for venous thromboembolism prevention in Lebanese hospitals. *Journal of Thrombosis and Thrombolysis* (2009) Volume: 28, Issue: 2, Pages: 192-199
- 2: Aline Saad, **Marwan Akel**, Jeanette Nassif, Rana Bachir, Raya Alshaikhly, Pascale Salameh. Medication Use in Older Adults: A Cross-Sectional Population Based Study from a Developing Country. *International Journal of Clinical Pharmacy*. Submitted
- 3: Michelle Cherfan, Pascale Salameh, Fida Drouby Chahine, **Marwan Akel**, Fouad Sakr, Mariam Dabbous, Jihan Safwan. Assessment of Pneumonia in a Nursing Home. *Journal of Current Aging Science*. Submitted
- 4: Jihan Safwan, Hana Hamwi, Lama Shamsedeem, Fouad Sakr, Michelle Cherfan, **Marwan Akel**, Mariam Dabbous, Faraj Saade. Evaluation of the Adherence to the Discharge Management for Secondary Prevention of Acute Coronary Syndrome in Lebanon. *Journal of Cardiology and Clinical Research*. Accepted for publication. January 2017
- 5: Mariam K Dabbous, Fouad R Sakr, Etwal P Bouraad, Jihan H Safwan, **Marwan G Akel**, Michelle M Cherfan. Pain Assessment and Management in Cancer Patients. *Journal of Health Research and Reviews*. 2017; 4: 8-12
- 6: **Marwan Akel**, Michelle Cherfane, Jihan Safwan, Fouad Sakr, Mariam Dabbous, Lama Shamseddine, Malak Alame, An overview of kidney stone disease in Lebanon. *Global Journal of Pharmacology* 10 (4): 89-97, 2016 ISSN 1992-0075 © IDOSI Publications, 2016 DOI: 10.5829/idosi.gjp.
- 7: Fouad Sakr, Mariam Dabbous, Jihan Safwan, **Marwan Akel**, Michelle Cherfan. Overweight and obesity: Young population concerns in the lebanese community. *European Journal of Pharmaceutical and Medical Research* 2016; 3(12): 80-4.
- 8: Fouad Sakr, Maha Abi Jaoude, Mariam Dabbous, **Marwan Akel**, Michelle Cherfan, Jihan Safwan, Mohamad Iskandarani. Assessment of Lebanese Community Knowledge about Over the Counter Common Cold and Cough Medications. *IOSR Journal of Pharmacy* 2016; 6(11): 39-41.
- 9: **Marwan Akel**, Iqbal Fahs, Mohamad Rahal, Mohamad assi, Fouad Sakr. Eating and Weight Disorders: A Mini-Review of Anorexia and Bulimia Nervosa and Binge Eating Disorder, *IOSR Journal of Pharmacy* 2018 Volume 8, issue 4, p 12-16.
- 10: **Marwan Akel**, Iqbal Fahs. Calcium and Vitamin D supplements administration in patients with nephrolithiasis; an observational prospective study, *Journal of Parathyroid Disease*, 2018, 6(2), 39-41.
- 11: **Marwan Akel**, Iqbal Fahs, Mohamad Rahal, Michelle Cherfan, Mariam Dabbous, Jihan Safwan. Assessment of bariatric surgery patients in lebanon: Across-sectional observational study, *Journal of obesity and weight loss therapy*, 2018 volume 8, issue 1

- 12: **Marwan Akel**, Iqbal Fahs, Pascale Salameh, Emmanuelle Godeau. Are Lebanese Schools adopting a health promotion approach in their curricula? *Health Education Journal*, 2018.
- 13: Nathalie Lahoud, Maha Zakhour, Chadia Haddad, Pascale Salameh, **Marwan Ghazi EL Akel**, Cassandra Fares, Souheil Hallit, Sahar Obeid. Burnout and its relationships with alexithymia, stress, self-esteem, depression, alcohol use disorders and emotional intelligence: Results from a Lebanese cross-sectional study. May 2019, *Journal of Nervous & Mental Disease*
- 14: Sahar Obeid, Chadia Haddad, **Marwan Ghazi EL Akel**, Cassandra Fares, Pascale Salameh, Souheil Hallit. Factors associated with the adults' attachment styles in Lebanon: The role of alexithymia, depression, anxiety, stress, burnout, and emotional intelligence April 2019, *Perspectives In Psychiatric Care*
- 15: Aline Hajj, Souheil Hallit, Christelle Azzo, Frederic Abdou, **Marwan Ghazi EL Akel**, Hala Sacre, Pascale Salameh, Lydia Rabbaa. Assessment of knowledge, attitude and practice among community pharmacists towards dental care: A National Cross Sectional Survey May 2019, *Saudi Pharmaceutical Journal*
- 16: Chaza El Hage, Souheil Hallit, **Marwan Ghazi EL Akel**, Elissar Dagher. Osteoporosis awareness and health beliefs among Lebanese women aged 40 years and above March 2019, *Osteoporosis International*
- 17: Cassandra Fares, Souheil Hallit, Chadia Haddad, **Marwan Ghazi EL Akel**, Tatiana Khachan, Sahar Obeid. Relationship Between Cosmetics Use, Self-Esteem, and Self-Perceived Attractiveness Among Lebanese Women, February 2019, *Journal of cosmetic science*
- 18: Souheil Hallit, Chadia Haddad, Rabih Riad Hallit, **Marwan Ghazi EL Akel**, Sahar Obeid, Georges Haddad, Michel Soufia, Wael Khansa, Rony Khoury, Nelly Kheir, Christiane Abi Elias Hallit, Pascale Salameh. Validation of the Hamilton Anxiety Rating Scale and State Trait Anxiety Inventory A and B in Arabic among the Lebanese population February 2019, *Clinical Epidemiology and Global Health*
- 19: Chadia Haddad, Sahar Obeid, **Marwan Ghazi EL Akel**, Karl Honein, Maria Akiki, Jocelyne Azar, Souheil Hallit. Correlates of Orthorexia Nervosa among a representative sample of the Lebanese population, December 2018, *Eating and weight disorders*
- 20: Chadia Haddad, Maha Zakhour, **Marwan Ghazi EL Akel**, Karl Honein, Maria Akiki, Souheil Hallit, Sahar Obeid. Factors associated with body dissatisfaction among the Lebanese population, December 2018, *Eating and weight disorders*