

First and Last name: Ansam Sawalha

Academic degree and position: Associate Professor in Pharmacology and Toxicology

Specialty: Pharmacology/Toxicology

Institution: An-Najah National University, Faculty of Medicine, Department of Pharmacology and Toxicology

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Biography: Ansam Sawalha received a Bachelor degree in pharmacy from the Jordan University of Science and Technology (JUST) in Jordan in 1991, then she worked for two years as a pharmacist in the Red Crescent Society in Nablus. She then was awarded the Fulbright scholarship to pursue higher education at the University of Texas at Austin in The United States of America (USA). She received her Ph.D in pharmacology and Toxicology in 1998, and then joined Baylor College of Medicine (Texas, USA) as a postdoctoral fellow. In the year 1999, she joined An-Najah National University where she established the first and only poison control and drug information center for the country, and served many administrative jobs such as the Dean of the college of Pharmacy, Dean of the college of Nursing, and others.

Teaching courses:

undergraduate students

- Pharmacology I and II,
- Toxicology,
- Clinical Toxicology
- Ecotoxicology,
- Scientific research
- Medical research methods,
- Pharmacokinetics (course and laboratory),
- Selected topics in pharmacology,
- Drug information,

- Medications during pregnancy and lactation,
- Toxicology lab,
- Pharmacology lab,
- Cosmetics,
- Medicinal chemistry.

graduate courses:

- Industrial pollution control,
- Ecotoxicology,
- Advanced therapeutics,
- Clinical toxicology,
- Pharmaceutical care,
- Advanced clinical pharmacokinetics,
- Infectious diseases,
- Public health and sanitation,
- Environmental pollution and pesticides.

Research interests:

- Poisoning in Children
- Pesticides
- Medications
- Incidence of poisoning,
- Rational use of medications
- drug safety,
- pharmacoepidemiology
- self-medications,
- environmental pollution

Publications:

- 1- **Sawalha AF**, O'Malley GF, Sweileh WM: Pesticide poisoning in palestine: A retrospective analysis of calls received by poison control and drug information center from 2006–2010. *International Journal of Risk & Safety in Medicine* (2012);24(3): 171–7.
- 2- **Sawalha AF**, Wright RO, Bellinger DC, Amarasiriwardene C, Abu Taha AS, Sweileh WM. Blood Lead Level among Palestinian School Children. A Pilot Study. **accepted** to *Eastern Mediterranean Health Journal*. In Press. 2013

- 3- Sweileh WM, Adas SO, **Sawalha AF**, Taha AS. Utilization and cost of antibacterial drugs in 2 general surgery units in Palestine measured using anatomical therapeutic chemical classification and defined daily dose methodology. *East Mediterr Health J.* 2012 Jun;18(6):641-7.
- 4- Sarahroodi S, Jamshid M, **Sawalha A**, Mikaeili P, Safaeian L. Pattern of self-medication with analgesics among Iranian University students in central Iran. *Journal of Family and Community Medicine*, August 2012, Vol 19,(2): 125-9.
- 5- **Sawalha AF**. Deliberate self-poisoning: a study in at Palestine. *Int J Adolesc Med Health* 2012;24(4):00-00
- 6- **Sawalha AF**, Bentur Y: Tetrodotoxin poisoning. *American Academy of Emergency Medicine "Toxicology handbook"* (Book chapter), 2011 second edition. American Academy of Emergency Medicine Resident and Student Association (AAEM/RSA): 359-362.
- 7- **Sawalha AF**, Sweileh WM. Analysis of poisoning in children less than 6 years old reported to the Poison Control center in Palestine. *Clinical Toxicology*, 2012;50(4): 296
- 8- Sweileh WM, Ihbeshah MS, Jarar IS, **Sawalha AF**, Abu Taha AS, Zyoud SH, Morisky DE. Antipsychotic medication adherence and satisfaction among Palestinian people with schizophrenia. *Curr Clin Pharmacol.* 2012 Feb 1;7(1):49-55.
- 9- Sweileh WM, Ihbeshah MS, Jarar IS, **Sawalha AF**, Abu Taha AS, Zyoud SH, Morisky DE. Differences in medication adherence, satisfaction and clinical symptoms in schizophrenic outpatients taking different antipsychotic regimens. *Curr Drug Saf.* 2011 Nov 1;6(5):285-90.
- 10- Jamous RM, Sweileh WM, Abu-Taha AS, **Sawalha AF**, Zyoud SH, Morisky DE. Adherence and satisfaction with oral hypoglycemic medications: a pilot study in Palestine. *International Journal of Clinical Pharmacy*, 2011;33(6):942-8.
- 11- Sweileh WM, Ali IA, **Sawalha AF**, Abu-Taha AS, Zyoud SH, Al-Jabi SW. Gender differences in sleep habits and sleep related problems in Arab Palestinian university students. *International Journal on Disability and Human Development.* 2012; 11(3): 289-293

- 12-** Sweileh WM, Ali IA, **Sawalha AF**, Abu-Taha AS, Zyoud SH, Al-Jabi SW. Sleep Habits and sleep problems among Palestinian Students. *Child and Adolescent Psychiatry and Mental Health* 2011, 5:25 doi:10.1186/1753-2000-5-25. Published: 15 July 2011
- 13-** **Sawalha AF**, Wright RO, Bellinger DC, Amarasiriwardene C, Abu Taha AS, Sweileh WM. Blood Lead Level among 6-year old Palestinian children. *Clinical Toxicology*, 2011;49(6):587.
- 14-** Sweileh WM, Ihbesheh MS, Jarar IS, Taha AS, **Sawalha AF**, Zyoud SH, Jamous RM, Morisky DE. Self-reported medication adherence and treatment satisfaction in patients with epilepsy. *Epilepsy Behav.* 2011;21(3):301-5
- 15-** Sweileh WM, **Sawalha AF**, Abu Taha AS. Diabetes Mellitus Type 2 is not A Risk Factor for Aminoglycoside Induced Renal Injury. *Diabetologia Croatica* 40-1, 2011.
- 16-** Sweileh WM, Adas SO, **Sawalha AF**, Abu Taha AS. Utilization and Cost of Anti-infective Agents in Two General Surgery Units Measured Using WHO ATC/ DDD Methodology. *Eastern Mediteranian Health Journal.* 2011;18(6):641-7.
- 17-** Hawamdeh H, **Sawalha AF**, Al-Gharaibeh N. Influence of the Aqueous Extract of Seven Commonly Used Plants in Jordan on the Osmotic Fragility of Human Erythrocytes. *An-Najah Research journal* (2010); 24:47-54.
- 18-** Sweileh WM, **Sawalha AF**, Zyoud SH, Al-Jabi SW, Shamseh FF, Khalaf HS. Epidemiological, clinical and pharmacological aspects of headache in a university undergraduate population in Palestine. Published in *The Lancet* (with permission), 2010. In press.
- 19-** **Sawalha AF**, Sweileh WM. Analysis of acute pesticide cases reported to the poison control and drug information center in Palestine. *Clinical Toxicology*, 2010;48(6): 658.
- 20-** **Sawalha AF**. Extent of Storage and Wastage of Antibacterial Agents in Palestinian Households. *Pharmacy World and Science* (2010);32(4):530-535.
- 21-** **Sawalha AF**, Sweileh WM, Tufaha M, Al-Jabi D. Analysis of the pattern of poisoning admitted to a governmental hospital in Palestine. *Basic and Clinical Pharmacology and Toxicology.* 2010;107(5):914-8.

- 22-Sawalha AF.** Analysis of self-harm cases received at Al-Watani governmental hospital in Palestine. *Clinical Toxicology*, 2010;48(3):288.
- 23-Sawalha AF.** Geographic Information System mapping of poisoning cases in North Palestine. *Clinical Toxicology*, 2010; 48(3):275.
- 24-Sawalha AF, Sweileh WM, Zyoud SH, Al-Jabi SW, Bani Shaseh F, Odah AA.** Analysis of prescription dispensed at community pharmacies in Palestine. *Eastern Mediteranian Health Journal*. 2010;16(7):788-792.
- 25-Zyoud SH, Awang R, Sulaiman SAS, Khan HRM, Sawalha AF, Sweileh WM, Al-Jabi SW.** Relationship between Serum Acetaminophen Concentration and N-Acetylcysteine-2 Induced Adverse Drug Reactions. *Basic & Clinical Pharmacology & Toxicology*. 2010;107(3):718-23.
- 26-Zyoud SH, Sawalha AF, Sweileh WM, Awang R, Al-Khalil SI, Al-Jabi SW, Bsharat NM.** Knowledge and practices of pesticide use among farm workers in the West Bank, Palestine: safety implications. *Environ Health Prev Med*. 2010;15(4):252-61.
- 27-Sweileh WM, Sawalha AF, Zyoud SH, & Al-Jabi SW.** Anti-hypertensive therapy for acute ischemic stroke survivor. *CVD Prevention and Control*. In press. (2009); 4(3):171-175
- 28-Sweileh WM, Sawalha AF, Zyoud SH, & Al-Jabi SW.** Storage, Utilization and Cost of Drug Products in Palestinian Households. *IJCPT*. (2010) Jan;48(1):59-67.
- 29-Alkaiissi A, Sawalha A, Sweileh W, Sadaqah W, Saleh Kh, Barkat A.** Effect of P-6 acupressure on postoperative nausea, vomiting, headache, fatigue, and pain among female patients undergoing elective abdominal surgery. Poster presentation at Society for Acupuncture Research 2010 International Conference Translational Research in Acupuncture: Bridging Science, Practice & Community. March 19-21, 2010.
- 30-Sawalha AF, Sweileh W.M., Zyoud SH, Al-Jabi SW, Daragmeh AH.** High doses of atropine in the management a malathione poisoning case. Abstract No.: 8852 Abstract at: EUROPEAN ASSOCIATION OF POISONS CENTRES AND CLINICAL TOXICOLOGISTS May, 2009.
- 31-Sawalha AF.** A Comparison of Clinical Characteristics, Discharge Medications, and In-Hospital Outcome Between Acute Stroke and Acute Myocardial Infarction.

Cardiovascular Disease: Prevention and Control (2010). Volume 4, Issue 4, December 2009, Pages 201-206.

- 32- Sarahroodi S, Arzi A, **Sawalha AF**, Ashtarinezhad A. Antibiotics self-medication among Southern Iranian University Students. *International Journal of Pharmacology*. In press. (2010); 6: 48-52.
- 33- Sweileh WM, **Sawalha AF**, Zyoud SF, Al-Jabi SW, Tameem EJ. Patterns of Antihypertensive Therapy in Diabetic Patients with and without Reduced Renal Function. *Saudi Journal of Kidney Disease and Transplantation*. 2010;21(4):652-9.
- 34- Sweileh WM, **Sawalha AF**, Zyoud SH, Al-Jabi SW, Shamseh FF, Khalaf HS. Epidemiological, clinical and pharmacological aspects of headache in a university undergraduate population in Palestine. *Cephalalgia*. 2010;30(4):439-46
- 35- Sweileh WM, **Sawalha AF**, Jayousi HM, Zyoud SH, Al-Jabi SW. Predictors of "Worsening Renal Function" in Patients Hospitalized in Internal Medicine Department. *Current Drug Safety*. 2009;4(2):113-8.
- 36- Sweileh WM, **Sawalha AF**, Zyoud SH, Al-Jabi SW, Shraim NY. Prevalence of Reduced Renal Function among Diabetic Hypertensive Patients. *International J Physiology Pathophysiology & Pharmacology*. 1;2009:23-29.
- 37- Sweileh W.M., **Sawalha AF**, Rinno TM, Zyoud SH, Al-Jabi SW. Optimal dosing of angiotensin-converting enzyme inhibitors in patients with chronic heart failure: a cross-sectional study in Palestine. *Annals of Saudi medicine*. 2009;29(2):119-22.
- 38- Sweileh WM, **Sawalha AF**, Zyoud SH, Al-Jabi SW, Tameem EJ, Shraim NY. Evaluation of Antihypertensive Therapy in Diabetic Hypertensive Patients: Impact of Ischemic Heart Disease. *Journal of pharmacy practice*. 2009;7(1):40-46.
- 39- Sweileh WM, Al-Jabi SW, **Sawalha AF**, Zyoud SH. Pharmacy education and practices in West-Bank (Palestine). *American Journal of Pharmaceutical Education*. 2009; 73(2): 38.

- 40-Sawalha, AF.** Self-Medication with Antibiotics: A study in Palestine. The International Journal of Risk and Safety in Medicine. 2008;20(4):213-222.
- 41-Sawalha AF,** Sweileh W. M, Zyoud SH, Al-Jabi SW. Comparative Analysis of Patient Package Inserts of local and imported Anti-Infective Agents in Palestine. Libyan Journal of Medicine (LJM). Alfatah University and Ibnosina Medical Association. 2008;3(4):181-185
- 42-Sweileh WM, Sawalha AF,** Al-Aqad MS , Zyoud SH, Al-Jabi SW. Predictors of in-Hospital Mortality after Acute Stroke: Impact of Gender. International Journal of Clinical and Experimental Medicine. 2009; 2(1):41-47.
- 43-Sweileh WM, Sawalha AF,** Al-Aqad SM, Zyoud SH, Al-Jabi SW. The Epidemiology of Stroke in Northern Palestine: A One-Year, Hospital-Based Study. Journal of Stroke and Cerebrovascular Disease. 2008;17(6):406-411.
- 44-Sawalha, AF.** Characterization of Hospitalized Ischemic Stroke Patients: A study in Palestine. Lybian Journal of Medicine. 2008;4(1):37-40.
- 45-Sweileh WM, Sawalha AF,** , Zyoud SH, Al-Jabi SW, Abaas MA. Discharge Medications among Stroke Survivors: A Study in Palestine. Journal of Stroke and Cerebrovascular Diseases. 2009;18(2):97-102.
- 46-Sawalha AF,** Sweileh WM, Zyoud SH, Al-Jabi SW. Self-Therapy Practices among University Students in Palestine: Focus on Herbal Remedies. Complementary Therapies in Medicine. 2008;16(6):343-9.
- 47-Sawalha AF.** A descriptive study of self-medication practices among Palestinian medical and non-medical university students. Research in Social and Administrative Pharmacy. 2008 Jun;4(2):164-172.
- 48-Alkaiissi A, Sawalha A,** Sweileh W, Sadaqah W, Saleh K, Barakat A. Efficacy and Safety of Repeated Administration of Acetaminophen and/or Tramadol in the Prevention of Postoperative Pain in Patients Undergoing Orthopedic Surgery. Submitted to the National Surgons Conference. Al-makased Hospital, Al-quds, Palestine 2007.
- 49-Sweileh WM, Sawalha AF,** Al\_janem S, Zyoud SH, Abu-Taha AS, Al-jabi SW, Jaradat NA, Zaid AN. Medication dosing errors in hospitalized patients with renal

- impairment: a study in Palestine. *Pharmaco-epidemiology and drug safety*. 2007;16(8):908-912.
- 50-Sawalha AF.** Storage and utilization patterns of cleaning products in the home: Toxicity implications. *Accident Analysis and Prevention*. 2007;39:1186-1191.
- 51-Sawalha AF.** Consumption of Prescription and non-Prescription Medications by Pregnant Women: A Cross Sectional Study in Palestine. *Islamic University Journal*. 2007;15 (2) 41-57.
- 52-Sweileh WM, Sawalha AF, AL-HajAbed RM, Rabba AK.** Utilization of anti-infective agents measured in "Defined Daily Dose" (DDD): A study in Palestine. *Islamic University Journal*. 2007;15(2):59-66.
- 53-Sawalha A:** Complementary and alternative medicine in Palestine: Use and safety implications. *Journal of Complementary and Alternative Medicine*, 2007;13(2):263-269
- 54-Sawalha AF, Sweileh WM, Zyoud SH, Al-Jabi SW.** Antidote stocking at hospitals in north Palestine. *Online Journal of Health and Allied Sciences*.2006; 5(4) Oct-Dec.
- 55-Sweileh WM, Sawalha AF, Salfeete S, Zyoud SH, Abu-Taha AS, Al-jabi SW, Jaradat NA, Zaid AN.** Admission blood glucose levels a potential indicator for short term mortality and morbidity after myocardial infarction. **International Journal of Diabetes in Developing Countries**. 2006;26(3):116-121.
- 56-Sweileh WM, Jaradat NA, Elawee MM, Al-Shakhsheer AM, Sawalha AF, Al-Ramahi RJ, Zaid AN.** Drug interactions and risk of bleeding among Patients with Atrial Fibrillation (AF) discharged with warfarin, *An-najah Univ journal for Research (N. Sci)*. 2006; 20:127-134.
- 57-Sawalha A, Al-Bishtawi G, Al-Khayyat L, Sweileh W, Al-Ramahi R, Jaradat N.** Pattern of Parenteral Antimicrobial prescription among Pediatric patients in Al-Watani Government Hospital in Palestine. *An-Najah University Journal for Research (N. Sci)*, 2006; 20:193-208.
- 58-Sweileh WM, Sawalha AF, and Jaradat NA,** Extent of potential drug interactions among patients receiving anti-hypertensive medications. *Saudi medical journal*. 2005; 26(4): 548-552.



- 59-** Sweileh W, Shkokani F, **Sawalha A**, Al-Ramahi R, Jaradat N, Zaid A, Barakat A. Prescribing pattern of angiotensin- converting enzyme inhibitors and beta blockers after acute myocardial infarction. Saudi Medical Journal 2005; 26 (11): 1837-1839.
- 60-Sawalha AF**, Everitt JI, Meussen E, Monks TJ, Lau SS. Tissue arylation and oxidation correlates with the region of injury and repair in quinol-thioether treated rats. The Toxicologist(1998).
- 61-Lau SS, Sawalha AF**, Halpert JR, Koop DR, Monks TJ. Cytochrome P450 catalyzed oxidation of hydroquinone in rodents and human microsomes. The Toxicologist. 36, 23 (1997).
- 62-Sawalha AF**, Monks TJ, Lau SS. Isoform-specific cytochrome P450-mediated oxidation of hydroquinone, The Toxicologist. 30, 320 (1996).