*Curriculum Vitae*

**Naser Yousef SHRAIM, Ph.D.**

**(Pharmaceutical Sciences)**

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| **Personal Information** |  |  |
| **Marital Status** | Married (2 boys and 2 girls) |  |
| **Sex**: | Male |  |
| **Nationality** | Palestinian |  |
| **Date & Place of Birth** | February 10, 1977,  Qalqilya, West bank-Palestine |  |
| **Address**  Telephone  Cell phone  E-mail | Nablus, Al-Ma’ajeen  +970 92 361 060  +970 592 252 550  n\_shraim@najah.edu  shraim.n@gmail.com |  |

**EDUCATION**

**PhD Degree, May, 2012**

Vrije Universiteit Brussel (VUB), Brussels, Belgium

Department of Pharmaceutical Chemistry, Drug Analysis and Drug Information

Major: Pharmaceutical Sciences

Thesis: “Intracerebral Microdialysis as a Tool to Investigate the Blood-Brain Barrier Passage and Brain Pharmacokinetics of Drug Substances”

**Master Degree, April, 2004**

The University of Jordan, Amman, Jordan

Major: Pharmaceutical sciences

Accumulative Average: (3.68/4)

Rating: Excellent

Research Project: “The Effect of Crude Extract of Licorice on the Pharmacokinetics of Ciprofloxacin in an Animal Model”

Coursework included advanced biopharmaceutics and pharmacokinetics, computer aided drug design, advanced pharmaceutical organic chemistry, natural products chemistry, drug analysis and identification, drug formulation and drug delivery, environmental statistics and biometrics, and advanced physical pharmacy.

**Bachelor of Science, June, 2000**

An-Najah National University, Nablus, Palestine

Major: Pharmacy

Accumulative Average: 88.6 %

Rating: Very good

**High School Certificate, July, 1995**

Al-Sa'dia Secondary Boys' School, Qalqilia, Palestine

Average: 95.2 %

## Languages

Arabic: Native

English: Excellent

Dutch: Basic knowledge

**EXPERIENCE**

**Associate Professor (Oct. 2024 till now)**

Department of Pharmaceutical Chemistry and Technology, Faculty of Pharmacy, An-Najah National University, Nablus, Palestine.

**Head of the** **Pharmaceutical Chemistry and Technology Department (Sep. 2020 Sep. 2024)**

Department of Pharmaceutical Chemistry and Technology, Faculty of Pharmacy, An-Najah National University, Nablus, Palestine.

**Associate Professor (Oct. 2019 Sep 2024)**

Department of Pharmacy, Faculty of Medicine and Health Sciences, An-Najah National University, Nablus, Palestine.

**Assistant Professor (Aug. 2012 –Sep. 2019)**

Department of Pharmacy, Faculty of Medicine and Health Sciences, An-Najah National University, Nablus, Palestine.

Teaching courses include:

*Master program of Pharmaceutical Sciences*: Advanced Pharmacokinetics.

*Master Program of Clinical Pharmacy*: Clinical pharmacokinetics and Pharmaceutical calculation

*Undergraduate pharmacy students*: Biopharmaceutics and pharmacokinetics, clinical pharmacokinetics and therapeutic drug monitoring, pharmaceutical calculations, pharmaceutical quality control, drug metabolism, pharmaceutical excipients, pharmaceutical technology and physical pharmacy.

**Instructor (September 2004 – April 2009)**

Faculty of Pharmacy, An-Najah National University, Nablus, Palestine.

Teaching courses include: Biopharmaceutics and pharmacokinetics, physical pharmacy, pharmaceutical quality control, and pharmaceutical calculations.

**Graduate Research Assistant (October 2003‑May 2004)**

Department of Biopharmaceutics and clinical Pharmacy, Faculty of Pharmacy, University of Jordan.

“Studying the effect of some natural plants on the pharmacokinetics of some selected medicines”

**Head Pharmacist (February 2002-September 2003)**

Al-Hasan Pharmacy, Qalqilia, Palestine

Self-employed.

Managed pharmacy, hired and supervised assistant pharmacists, dispensed medication, provided pharmaceutical advice to patients.

**Assistant Pharmacist (July 2000-August 2001)**

Hashem Pharmacy, Qalqilia, Palestine.

Community pharmacist.

**Professional Memberships:**

* Belgian Society of Pharmaceutical Sciences (Belgium).
* Pharmacy Practicing License (Ministry of Health - Palestine - Reg. # : 13/46).
* Pharmacy Practicing License (Pharmaceutical Association - Jerusalem Center - Reg. # : 1214).

**Awards and Scholarships**

**Erasmus Mundus,** May 2009 – February 2012

**Research skills and Expertise**

* Dissolution studies
* *In vivo* intracerebral microdialysis.
* Stereotaxic surgery.
* HPLC and bio-analytical method development and validation.
* Pharmacokinetic analysis using WinNonlin®
* Bibliometric analysis.

**Research interests**:

* Pharmaceutical sciences.
* Pharmacy practice.
* Pharmaceutical quality.
* Bibliometric analysis.
* Biopharmaceutics and Pharmacokinetics.
* Bioavailability and Bioequivalence studies.
* Clinical pharmacokinetics and therapeutic drug monitoring.
* PK/PD modeling.
* Drug metabolism.
* Pharmacogenetics and Pharmacogenomics.
* Brain disposition and blood-brain barrier permeability of drug substances.
* Neurosciences.
* Targeted drug delivery.

**Research activities**

**Courses, workshops and seminars:**

* Learn How to Conduct Systematic Reviews, March 21-22, 2018, Center for Systematic Reviews in Health Policy and Systems Research (SPARK)- Faculty of Health Sciences/Faculty of Medicine - American University of Beirut- Lebanon
* ADME, PK/TK, and Drug Metabolism in Drug Discovery and Development, January 24-25, 2012, A Mondial Research Group, Brussels – Belgium.
* Short Course on Drug Development, June 15-16, 2011, Doctoral School of Life Sciences and Medicine - VUB, Brussels, Belgium.
* Clinical Research Methods and Clinical Research Governance course, April 1, 2011, Doctoral School of Life Sciences and Medicine - VUB, Brussels, Belgium.
* Data Analysis (intensive course), 2010 -2011, Doctoral School of Life Sciences and Medicine - VUB, Brussels, Belgium.
* Systematic Reviews- Literature Search, April 16, 2011, the Doctoral School of Life Sciences and Medicine, VUB, Brussels, Belgium.
* Starters Symposium for PhD Students of the Doctoral School of Life Sciences and Medicine, November 27, 2010, VUB, Brussels, Belgium.
* Personal Efficiency, October 13 and 20, 2010, the Doctoral School of Life Sciences and Medicine - VUB, Brussels, Belgium.
* Presentation Skills in English, February 1 and 8, 2010, the Doctoral School of Life Sciences and Medicine - VUB, Brussels, Belgium.
* English for Academic Research Purposes, February 8, 2010, Doctoral School of Life Sciences and Medicine - VUB, Brussels, Belgium.
* Efficient Networking, December 16, 2009, Doctoral School of Life Sciences and Medicine - VUB, Brussels, Belgium.

**Conferences oral/poster presentations:**

The Lancet Palestinian Health Alliance (LPHA) 9th Annual Conference. March 23 -24, 2018

The American University of Beirut, Lebanon.

The Palestinian conference for graduate research in pure and applied sciences March 2014 Birzeit Universtity – Ramallah – Palestine.

7th Palestinian Pharmaceutical and 3rd Clinical Pharmacy Conference May 2013 - Ramallah- Palestine.

7th annual International Conference on Predictive Human Toxicity and ADME/TOX Studies, January 26 -27, 2012, A Mondial Research Group, Brussels - Belgium.

15th Forum of Pharmaceutical Sciences, 12 and 13 May (2011), the Belgian Society of Pharmaceutical Sciences, Spa – Belgium.

9th International Symposium on Drug Analysis and 22nd International Symposium on Pharmaceutical and Biomedical Analysis, 21-24 September (2010), University of Antwerp - Belgium.

13th International Conference on In Vivo Methods, Monitoring Molecules in Neuroscience, 12-16 September (2010) – VUB, Brussels, Belgium.

VUB PhD Research Day, 28 May (2010), VUB, Brussels, Belgium.

**Publications**

1. OA AlHanbali, SM Al-Shukri, AKY Dardas, NA Jaradat, **N Shraim** (2024) Stabilization of poloxamine and poloxamer block copolymer complexes in chlorinated organic solvents–mathematical modelling. Polimery
2. I Ali, **N Shraim**, A Younes, R Sawafta, A Sbeih, S Khater (2024) Deodorant use and related adverse effects: A cross-sectional survey among Palestinian students. African Health Sciences,
3. M Abualhasan, N Jaradat, M Hawash, **N Shraim**… (2023) Chromatographic analysis of the chemical composition and anticancer activities of Curcuma longa extract cultivated in Palestine. Open Life Sciences
4. AM Eid, N Jaradat, **N Shraim**, M Hawash, L Issa…(2023) - Assessment of anticancer, antimicrobial, antidiabetic, anti-obesity and antioxidant activity of Ocimum Basilicum seeds essential oil from Palestine. BMC Complementary Medicine and Therapies
5. Shawahna, R., **Shraim, N**., & Aqel, R. (2022). Views, knowledge, and practices of hospital pharmacists about using clinical pharmacokinetics to optimize pharmaceutical care services: a cross-sectional study. BMC health services research, 22(1), 1-10.
6. Radwan, A., **Shraim, N**., Elaraj, J., Hamad, A., Fatayer, D., Jarar, B., . . . Zriqah, A. (2022). Knowledge and compliance towards alendronate therapy among postmenopausal women with osteoporosis in Palestine. BMC Women's Health, 22(1), 1-8.
7. Aabed, W. J., Radwan, A. H., Zaid, A. N., & **Shraim, N. Y**. Extemporaneous Compounding and Physiological Modeling of Amlodipine/Valsartan Suspension. International Journal of Hypertension, 2021.
8. Abualhasan, M., Zatar, N., Shehab, K. A., & **Shraim, N**. (2021). Tablet Formulation of a Synthesized Celecoxib Potassium Salt and Development of a Validated Method for Its Analysis. Current Pharmaceutical Design, 27(25), 2872-2880.
9. Ali, I., **Shraim, N**., Sirafi, A., & Abadi, H. (2020). The effect of artificial sweeteners on body weight of mice. Journal of Biological Research-Bollettino della Società Italiana di Biologia Sperimentale, 93(2).
10. Qadi, M., Jaradat, N., Al-Lahham, S., Ali, I., Abualhasan, M. N., **Shraim, N**., . . . Zarour, A. Antibacterial, Anticandidal, Phytochemical, and Biological Evaluations of Pellitory Plant. BioMed Research International, 2020.
11. Salameh N, **Shraim N**, Jaradat N, El Masri M, Adwan L, K'Aibni S, et al. *Screening of Antioxidant and Antimicrobial Activity of Micromeria fruticosa serpyllifolia Volatile Oils: A Comparative Study of Plants Collected from Different Regions of West Bank, Palestine*. Biomed Res Int. 2020;2020:4851879.
12. Sweileh WM, Al‐Jabi SW, Zyoud SeH, **Shraim NY**, Anayah FM, Sawalha AF, et al. *Bibliometric analysis of global publications in medication adherence (1900–2017).* International Journal of Pharmacy Practice. 2019;27(2):112-20.
13. **Shraim N**, Al Taha T, Qawasmeh R, Jarrar H, Shtaya M, Shayeb L, et al. *Knowledge, attitudes, and practices of community pharmacists in relation to generic medicines in Palestine: a cross-sectional study*. The Lancet. 2019;393:S47.
14. Radwan A, Jayyousi R**, Shraim N**, Zaid AN. *Evaluation of food effect on the oral absorption of clarithromycin from immediate release tablet using physiological modelling*. Biopharmaceutics & drug disposition. 2019;40(3-4):121-34.
15. Salameh N, **Shraim N,** Jaradat N. *Chemical Composition and Enzymatic Screening of Micromeria fruticosa serpyllifolia Volatile Oils Collected from Three Different Regions of West Bank, Palestine*. Biomed Res Int. 2018;2018:6536919.
16. Radwan A, Sweileh A, Hroub A, Elaraj J, **Shraim N**. *Evaluation of community pharmacists’ knowledge and awareness of food–drug interactions in Palestine*. International journal of clinical pharmacy. 2018;40(3):668-75.
17. Manal M. Badrasaw, **Naser Y. Shraim,** Mahmoud H. Al-Atrash: *Knowledge of Physical Education Students about Nutrition. A cross-sectional Study from Palestine.* International Journal of Nutrition, Pharmacology, Neurological Diseases 08/2018 (Accepted)
18. Waleed M. Sweileh, Samah W. Al‐Jabi, Sa'ed H. Zyoud, **Nasr Y. Shraim**, Fathi M.A. Anayah, Ansam F. Sawalha, Adham S. AbuTaha: *Bibliometric analysis of global publications in medication adherence (1900–2017).* International Journal of Pharmacy Practice 07/2018;, DOI:10.1111/ijpp.12471
19. **Naser Y Shraim**, Tasneem Hamawi, Sawsan Hummaid, Bara’ah Adeli, Asma Abdelaziz salim Radwan, Fairouz Abu Shaikha: *Assessment of Dissolution Performance of Immediate Release Ibuprofen Products: Screening of Products Available on the Palestinian Market.* Palestinian Medical and Pharmaceutical Journal 06/2018; 3(1):31-38.
20. Abdel Naser Zaid, **Naser Shraim**, Asmaa Radwan, Nidal Jaradat, Samah Hirzallah, Ibrahim Issa, Aya Khraim: *Does GastroPlus Support Similarity and Dissimilarity Factors of in vitro-in vivo Prediction in Biowaiver Studies? A Lower Strength Amlodipine As a Model Drug*. Drug Research 05/2018;, DOI:10.1055/a-0611-4927
21. Asma Radwan, Anwar Sweileh, We’am Shraim, Amr Hroub, Josephean Elaraj, **Naser Shraim**: *Evaluation of community pharmacists’ knowledge and awareness of food–drug interactions in Palestine*. International Journal of Clinical Pharmacy 05/2018; 40(3)., DOI:10.1007/s11096-018-0640-x
22. **Naser Y. Shraim**, Tasneem A. Al Taha, Rawan F. Qawasmeh, Hiba N. Jarrar, Maram A. N. Shtaya, Lama A. Shayeb, Waleed M. Sweileh: *Knowledge, attitudes and practices of community pharmacists on generic medicines in Palestine: A cross-sectional study*. BMC Health Services Research 12/2017; 17(1)., DOI:10.1186/s12913-017-2813-z
23. **Naser Y. Shraim**, Ramzi Shawahna, Muna A. Sorady, Banan M. Aiesh, Ghadeer Sh. Alashqar, Raghad I. Jitan, Waed M. Abu Hanieh, Yasmeen B. Hotari, Waleed M. Sweileh, Sa’ed H. Zyoud: *Community pharmacists' knowledge, practices and beliefs about complementary and alternative medicine in Palestine: A cross-sectional study*. BMC Complementary and Alternative Medicine 12/2017; 17(1)., DOI:10.1186/s12906-017-1940-8
24. Nidal Jaradat, Lina Adwan, Shadi K’aibni, Abdel Naser Zaid, Munqez J. Y. Shtaya, **Naser Shraim**, Mohyeddin Assali: *Variability of Chemical Compositions and Antimicrobial and Antioxidant Activities of Ruta chalepensis Leaf Essential Oils from Three Palestinian Regions*. 11/2017; 2017(2):1-9., DOI:10.1155/2017/2672689
25. Waleed M. Sweileh, Ansam F. Sawalha, Samah W. Al-Jabi, Sa’ed H. Zyoud**, Naser Y. Shraim**, Adham S. Abu-Taha: *A bibliometric analysis of literature on malaria vector resistance: (1996 – 2015)*. Globalization and Health 12/2016; 12(1)., DOI:10.1186/s12992-016-0214-4
26. Waleed M. Sweileh, **Naser Y. Shraim**, Samah W. Al-Jabi, Ansam F. Sawalha, Adham S. AbuTaha, Sa’ed H. Zyoud: *Bibliometric analysis of global scientific research on carbapenem resistance (1986?2015)*. Annals of Clinical Microbiology and Antimicrobials 12/2016; 15(1)., DOI:10.1186/s12941-016-0169-6
27. Waleed M. Sweileh, Sa’ed H. Zyoud, Samah W. Al-Jabi, Ansam F. Sawalha**, Naser Y. Shraim**: *Drinking and recreational water-related diseases: A bibliometric analysis (1980-2015)*. 12/2016; 28(1)., DOI:10.1186/s40557-016-0128-x
28. Waleed M. Sweileh, **Naser Y. Shraim**, Samah W. Al-Jabi, Ansam F. Sawalha, Belal Rahhal, Rasha A. Khayyat, Sa’ed H. Zyoud: *Assessing worldwide research activity on probiotics in pediatrics using Scopus database: 1994–2014*. World Allergy Organization Journal 12/2016; 9(1)., DOI:10.1186/s40413-016-0116-1
29. Waleed M. Sweileh, **Naser Y. Shraim**, Sa’ed H. Zyoud, Samah W. Al-Jabi: *Worldwide research productivity on tramadol: a bibliometric analysis*. SpringerPlus 12/2016; 5(1)., DOI:10.1186/s40064-016-2801-5
30. Nidal Amin Jaradat, Lina Adwan, Shadi K’aibni, **Naser Shraim**, Abdel Naser Zaid: *Chemical composition, anthelmintic, antibacterial and antioxidant effects of Thymus bovei essential oil*. BMC Complementary and Alternative Medicine 10/2016; 16(1):418., DOI:10.1186/s12906-016-1408-2
31. Asma Radwan, **Naser Y Shraim**, Josephean Elaraj, Malak Jada'a, Anwar Alheen, Yasmeen Khanfar, Nidal Zatar, Mohamad Abdaldaym: *Influence of Corchorus Olitorius (Molokhia) Soup on the In Vivo Absorption of Ciprofloxacin from Immediate Release Tablet in Rabbits*. Palestinian Medical and Pharmaceutic al Journal (PMPJ) 1 (1)
32. **Naser Y Shraim**, Abdel Naser Zaid, Numan Malkieh, Nidal Jaradat, Sabreen Abdelhafez, Osama Alqaryouti, Ahlam Saleem: *Investigation of the Interchangeability between Cefuroxime Axetil Tablets Marketed in Palestine. Is there A Quality Reason behind the Price?*. Palestinian Medical and Pharmaceutic al Journal (PMPJ) 1 (1)
33. Abdel Naser Zaid, Salam Natur, Aiman Qaddomi, Murad Abualhasan, Rowa Al-Ramahi**, Naser Shraim**, Saed Khammash, Nidal Jaradat: *Formulation and bioequivalence of two Valsartan/Amlodipine Immediate release tablets after a single oral administration*. Pakistan journal of pharmaceutical sciences 07/2014; 27(4):755-762.
34. Waleed M. Sweileh, Jihad Bani Odeh, **Naser Y. Shraim**, Sa’ed H. Zyoud, Ansam F. Sawalha, Samah W. Al-Jabi: *Evaluation of Defined Daily Dose, Percentage of British National Formulary Maximum and Chlorpromazine Equivalents in Antipsychotic Drug Utilization*. Saudi Pharmaceutical Journal 04/2013; 22(2)., DOI:10.1016/j.jsps.2013.03.003,
35. **Naser Shraim**, Ralph Clinckers, Sophie Sarre, Yvette Michotte, Ann Van Eeckhaut: *Determination of reboxetine in rat brain microdialysates and plasma samples using liquid chromatography coupled to fluorescence detection*. Journal of chromatography. B, Analytical technologies in the biomedical and life sciences 04/2012; 898:53-61., DOI:10.1016/j.jchromb.2012.04.016
36. Mutasim Al-Ghazawi, Talal Aburjai, **Naser Shraim**, Ahmad Bani-Jaber, Salah Aburuz ·: *Effect of Licorice Extract on the Pharmacokinetics of Ciprofloxacin in Rabbits after Oral Administration Using an Improved High-performance Liquid Chromatography Assay*. Jordan Journal of Pharmaceutical Sciences 01/2012; 5(2).
37. **Naser Shraim**, Birgit Mertens, Ralph Clinckers, Sophie Sarre, Yvette Michotte, Ann Van Eeckhaut: *Microbore liquid chromatography with UV detection to study the in vivo passage of compound 21, a non-peptidergic AT(2) receptor agonist, to the striatum in rats*. Journal of Neuroscience Methods 06/2011; 202(2):137-42., DOI:10.1016/j.jneumeth.2011.06.009
38. Waleed M Sweileh, Ansam F Sawalha, Saed H. Zyoud, Samah W. Al-Javi, Eman J. Tameem, **Nasr Y. Shraim**: *Evaluation of antihypertensive therapy in diabetic hypertensive patients: Impact of ischemic heart disease*. 03/2009; 7(1)., DOI:10.4321/S1886-36552009000100006
39. Waleed M Sweileh, Ansam F Sawalha, Sa'ed H Zyoud, Samah W Al-Jabi, **Nasr Y Shraim**: *Prevalence of reduced renal function among diabetic hypertensive patients*. International Journal of Physiology, Pathophysiology and Pharmacology 01/2009; 1(1):41-47.
40. Waleed M. SWEILEH, Ansam F. SAWALHA, Samah W. AL-JABI, Eman J. TAMEEM, **Nasr Y. SHRAI**M: *Original Research Evaluation of antihypertensive therapy in diabetic hypertensive patients: impact of ischemic heart disease*.