

## Curriculum Vitae

**Name:** Rowa' Jamal AL-Ramahi

**Address:** Faculty of Pharmacy/ An-Najah National University, Nablus, Palestine

Email: [rawa\\_ramahi@najah.edu](mailto:rawa_ramahi@najah.edu)

### Education

- [2006-2009]      **Ph.D. in Clinical Pharmacy**  
University Sains Malaysia, Penang, Malaysia
- [2001-2003]      **M.Sc. in Clinical Pharmacy**  
Jordan University for Science & Technology, Irbid, Jordan  
Average: 90.7%,  
the first rank
- [1994-1999]      **B.Sc. in Pharmacy**  
An-Najah National University, Nablus, Palestine  
Average: 95.1%, rating: A, the highest average      among all  
the University graduates that year
- [1993-1994]      **Secondary School Degree**  
Salfeet Secondary School  
Average: 98.1%, the third highest average in Palestine

### Work Experience

- [1999-2001]      **Teaching and Research Assistant**  
Faculty of Pharmacy, An-Najah National University
- [2003- 2006]      **Instructor**  
Faculty of Pharmacy, An-Najah National University
- [2009-2015]      **Assistant Professor of Clinical Pharmacy**  
Faculty of Pharmacy, An-Najah National University
- [2011-2016]      **Head of Pharm D program**  
An-Najah National University
- [2012-2016]      **Head of Clinical and Community Pharmacy Division**  
An-Najah National University

[7/2015-10/2021]      **Associate Professor of Clinical Pharmacy**  
An-Najah National University

[10/2021-9/2022]      **Dean of Scientific Research**  
An-Najah National University

[10/2021-Now]      **Professor of Clinical Pharmacy**  
An-Najah National University

## Research

1. Abdel Naser Zaid, Iyad Ali, Nidal Jaradat, **Rowa Al Ramahi**, Rula Hmeidat, Sanabil Nofal. et al. Knowledge and awareness of Palestinian health care professionals towards probiotics, prebiotics and synbiotics: a cross-sectional study from Palestine. *Journal of Biological Research/Bollettino della Società Italiana di Biologia Sperimentale*. 2025; 98(1). **Impact factor: 0.5**. DOI: <https://doi.org/10.4081/jbr.2025.12742>
2. **Al Ramahi R**, Tumeh D. The prevalence and severity of upper gastrointestinal complications among patients with chronic diseases: a cross-sectional study from Palestine. *BMC Gastroenterol*. 2024 May 21;24(1):175. **Impact factor: 2.7**. DOI: [10.1186/s12876-024-03267-y](https://doi.org/10.1186/s12876-024-03267-y)
3. Manassrah RD, **Al Ramahi R**. Assessment of antibiotic prescribing pattern and cost for hospitalized patients: A study from Palestine. *PLoS One*. 2024 May 2;19(5):e0302808. **Impact factor: 3.3**. DOI: [10.1371/journal.pone.0302808](https://doi.org/10.1371/journal.pone.0302808)
4. Samara E, Nazzal Z, Nagnaghia S, **Al-Ramahi R**. Potentially inappropriate medication uses and associated factors among elderly primary health care clinics attendees: A call to action. *PLoS One*. 2023 Aug 24;18(8):e0290625. **Impact factor: 3.7**. DOI: [10.1371/journal.pone.0290625](https://doi.org/10.1371/journal.pone.0290625)
5. Aiesh BM, Daraghmeh D, Abu-Shamleh N, Joudallah A, Sabateen A, **Al Ramahi R**. Blood culture contamination in a tertiary care hospital: a retrospective three-year study. *BMC Infect Dis*. 2023 Jul 4;23(1):448. **Impact factor: 3.7**. DOI: [10.1186/s12879-023-08428-0](https://doi.org/10.1186/s12879-023-08428-0)
6. Nagnaghia S, Nazzal Z, Abu Alya L, **Al-Ramahi R**, Hamdan Z, Samara E. The association between renal impairment and polypharmacy among older Palestinian patients: a multi-center cross-sectional study. *BMC Prim Care*. 2023;24(1):50. **Impact factor: 2.63**. DOI: [10.1186/s12875-023-02005-9](https://doi.org/10.1186/s12875-023-02005-9)
7. **Al-Ramahi R**, Amr R. Prevalence of uncontrolled hypertension in hemodialysis patients: A cross-sectional study from Palestine. *Palestinian Medical and Pharmaceutical Journal*, 2023;8(2):1-10. (**Scopus indexed**). DOI: [10.59049/2790-0231.1166](https://doi.org/10.59049/2790-0231.1166)

8. **Rowa' Al-Ramahi**, Sa'ed Zyoud, Aya Al-haj, Aya Bitar, Diana Bakkar, Mai Bzour, Qamar Maqboul, Sarah Aqqad. Factors Associated with Nonadherence to Life Style Modifications among Type 2 Diabetes Mellitus Patients: A Cross-sectional Study from Palestine. *Palestinian Medical and Pharmaceutical Journal (PMPJ)*. 2022; 7(1). DOI: [10.59049/2790-0231.1006](https://doi.org/10.59049/2790-0231.1006)
9. Naser Zaid A, **Al Ramahi R**, AlKilany A, Abu-Khalaf N, El Kharouf M, Abu Dayeh D, Al-Omari L, Yaqoup M. Following drug degradation and consequent taste deterioration of an oral reconstituted paediatric suspension during dosing interval via electronic tongue. *Saudi Pharm J*. 2022;30(5):555-561. **Impact factor: 4.562**. DOI: [10.1016/j.jsps.2022.02.016](https://doi.org/10.1016/j.jsps.2022.02.016)
10. **Rowa' Al-Ramahi**, Dalia Nazzal, Dalal Mustafa, Eman Halabi, Samah Gnimat, Sara Gayada. Evaluation of types, stages and treatment of breast cancer among Palestinian women. *Palestinian Medical and Pharmaceutical Journal (PMPJ)*. 2020; 5(1): 35-40.
11. **Al Ramahi R**, Zaid AN, Abu-Khalaf N. Evaluating the potential use of electronic tongue in early identification and diagnosis of bacterial infections. *Infection and Drug Resistance*. 2019; 12:2445-2451. **Impact factor: 2.98**.
12. Abu-Khalaf N, Zaid AN, Jaradat N, Alkilany AM, Abulateefeh SR, **Al Ramahi R**, Ghanem M. Identification of substandard drug products using electronic tongue: cefdinir suspension as a pilot example. *Drug Des Devel Ther*. 2019;16:3249-3258. **Impact factor: 3.2**.
13. Zaid A, **Al Ramahi R**. Depigmentation and anti-aging treatment by natural molecules. *Curr Pharm Des*. 2019; 25(20):2292-2312. **Impact factor: 2.475**.
14. **Rowa' Al-Ramahi**, Abd Al Naser Zaid, Abdullah Hindi, Abdulqader N'an'a. Evaluation of compliance to infection control protocols in the governmental hospitals in the West Bank/Palestine. *Palestinian Medical and Pharmaceutical Journal (PMPJ)*. 2018; 3(1): 14-23.
15. Abu-Khalaf N, Zaid AN, Jaradat N, AlKilany A, Abu Rumaila B, **Al Ramahi R**, Shweiki S, Nidal S, Surakhi N. The taste of commercially available clarithromycin oral pharmaceutical suspensions in the Palestinian market: electronic tongue and in vivo evaluation. *Sensors (Basel)*. 2018;18(2). **Impact factor: 2.475**.
16. **Al-Ramahi R**, Hmedat B, Alnjajrah E, Manasrah I, Radwan I, Alkhatib M. Medication dosing errors and associated factors in hospitalized pediatric patients from the South Area of the West Bank - Palestine. *Saudi Pharm J*. 2017 ;25(6):857- 860. **Impact factor: 3.346**.
17. Nidal Amin Jaradat, Abdel Naser Zaid, **Rowa Al-Ramahi**, Malik A. Alqub, Fatima Hussein, Zakaria Hamdan, Mahmoud Mustafa, Mohammad Qneibi, Iyad Ali. Ethnopharmacological survey of medicinal plants practiced by traditional healers and herbalists for treatment of some urological diseases in the West Bank/Palestine. *BMC*

Complementary and Alternative Medicine.2017; 17:25. **Impact factor: 2.29**

18. **Rowa' Al-Ramahi**, Ala' Abed Alkhaleq, Anwar Malawani, Karama Laboom, Sana' Rajab, Sujood Kittani. The Present and Future of Pharmaceutical Care in Palestine: A Survey among Pharmacists. *Palestinian Medical and Pharmaceutical Journal (PMPJ)*. 2016; 1(2): 59-64.
19. **Rowa Al-Ramahi**, Bayan Namourah. Evaluation of Compliance to Treatment Guidelines and Goals of Therapy among Palestinian Hemodialysis Patients. *Palestinian Medical and Pharmaceutical Journal (PMPJ)*. 2016; 1(1): 15-24.
20. **Al-Ramahi R**, Raddad AR, Rashed AO, Bsharat A, Abu-Ghazaleh D, Yasin E, Shehab O. Evaluation of potential drug- drug interactions among Palestinian hemodialysis patients. *BMC Nephrol*. 2016;17:96. **Impact factor: 2.29**
21. **Rowa' Al-Ramahi**, Abdelnaser Zaid, Amjad Hussein, et.al. Evaluation of Mothers' Practice in the Treatment of Children Diarrhea and Measurement of the Osmolality and PH of Some Oral Rehydration Solutions and Carbonated Beverages. *An - Najah Univ. J. Res. (N. Sc.)*; 30(2), 2016
22. Zaid AN, Ghanem M, Shweiki D, Shtewi H, Shaheen R, Al Helaly S, KhayyatZ, **Al Ramahi R**, Zyoud SH. In vitro and in vivo postmarketing surveillance of valsartan, alone or in combination with amlodipine or hydrochlorothiazide, among Palestinian hypertensive patients. *Ther Clin Risk Manag*. 2016; 12: 1425– 1432. **Impact factor: 1.9**
23. Zaid AN, **Al Ramahi R**, Cortesi R, Mousa A, Jaradat N, Ghazal N, Bustami R. Investigation of the Bioequivalence of Rosuvastatin 20 mg Tablets after a Single Oral Administration in Mediterranean Arabs Using a Validated LC- MS/MS Method. *Sci Pharm*. 2016;84(3):536-546.
24. Jaradat NA, **Al-Ramahi R**, Zaid AN, Ayeshe OI, Eid AM. Ethnopharmacological survey of herbal remedies used for treatment of various types of cancer and their methods of preparations in the West Bank-Palestine. *BMC Complementary and Alternative Medicine*. 2016; 16(1):93. **Impact factor: 2.02**
25. Jaradat NA, Shawahna R, Eid AM, **Al-Ramahi R**, Asma MK, Zaid AN. Herbal remedies use by breast cancer patients in the West Bank of Palestine. *Journal of Ethnopharmacology*. 2016; 178:1-8. **Impact factor:3.26**
26. **Al-Ramahi R**, Jaradat N, Shalalfeh R, Nasir S, Manasra Y, Shalalfeh I, Esam Y. Evaluation of potential drug- herb interactions among a group of Palestinian patients with chronic diseases. *BMC Complementary and Alternative Medicine*. 2015;15: 221. **Impact factor: 2.02**
27. Zaid AN, **Al Ramahi R**, Bustami R, Mousa A, Khasawneh S. Comparative fasting bioavailability of two clopidogrel formulations in healthy Mediterranean volunteers: an

in vitro-in vivo correlation. Drug Design, Development and Therapy. 2015;9: 2359-65.  
**Impact factor: 3.03**

28. Naser Zaid AN, **Al Ramahi R**, Bustami R, Mousa A. Formulation and Bioequivalence of Two Sildenafil 50 mg Film-coated Tablets after a Single Oral Administration: International Journal of Clinical Pharmacology and Therapeutics. 2015;53(8):697-704.  
**Impact factor: 1.04**
29. **Al-Ramahi R**. Adherence to medications and associated factors: A cross-sectional study among Palestinian hypertensive patients. Journal of Epidemiology and Global Health, 2015;5(2):125-32.
30. **Al-Ramahi R**, Jaradat N, Zaid AN, Vincieri FF, Asmaa M. Medicinal herbs and methodologies for their pharmaceutical compounding in the West Bank/Palestine. Complementary Therapies in Clinical Practice, 2014; 20(4):280-4.
31. Abdel Naser Zaid, Salam Natur, Aiman Qaddomi, Murad Abualahasan, **Rowa Al-Ramahi**, Nasr 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, 2014; 27 (4): 755-762. **Impact factor: 0.95**
32. Adas H, **Al-Ramahi R**, Jaradat N, Badran R. Assessment of adequacy of hemodialysis dose at a Palestinian hospital. Saudi Journal of Kidney Diseases and Transplantation. 2013;25(2):438-42.
33. **Rowa' Al-Ramahi**, Nidal Jaradat, Deema Adawi: Use of herbal Medicines during Pregnancy in a group of Palestinian women. Journal of ethnopharmacology.2013; 150 (1): 79-84. **Impact factor: 2.755.**
34. **Al-Ramahi R**. Patterns and attitudes of self-medication practices and possible role of community pharmacists in Palestine. International Journal of Clinical Pharmacology and Therapeutics. 2013;51(7): 562-7. **Impact factor: 1.18.**
35. Zaid AN, **Al-Ramahi R**, Abu Ghoush A. Weight and content uniformity of Lorazepam half-tablets: A study of correlation of a low drug content product. Saudi Pharmaceutical Journal. 2013; 21(1): 71-75. **Impact factor: 0.954.**
36. Zaid AN, **Al-Ramahi R**, Abu Ghoush A, Jaradat N, Musmar M. Frequency and attitudes of using hair dyes among Palestinian women. International Journal of Pharmacy and Pharmaceutical Sciences. 2013; 5 ( 2): 485-488.
37. Zaid AN, **Al-Ramahi R**. Knowledge and attitudes of Palestinian university students toward the use of sunscreens. Asian Journal of Pharmaceutical and Clinical Research. 2012; 5(3): 120-122.

38. Zaid AN, **Al-Ramahi R**, Abu Ghoush A, Malkieh N, Kharoaf M. Influence of physical factors on tablet splitting, weight and content uniformity of atenolol tablets. *Journal of Pharmaceutical Investigations*. 2012; 42(5): 229-234.
39. Zaid AN, Malkieh N, Kharoaf M, Abu Ghoush A, **Al-Ramahi R**. Formulation and stability evaluation of extemporaneously prepared atenolol capsules from crushed atenolol tablets. *International Journal of Pharmaceutical Compounding*. 2012; 16 (4): 342-346.
40. **Al-Ramahi R**. Medication prescribing patterns among chronic kidney disease patients in a hospital in Malaysia. *Saudi J Kidney Dis Transpl*. 2012; 23(2): 403 - 408.
41. **Al-Ramahi R**, Zaid AN, Kettaneh N, Jabi D. Attitudes of consumers and healthcare professionals towards the patient package inserts and assessment of their information - a study in Palestine. *Pharmacy Practice*. 2012; 10 (1): 57-63.
42. Zaid AN, Abu Ghoush A, **Al-Ramahi R**. Evaluation of the Discrepancy between the European Pharmacopoeia Test and an Adopted United States Pharmacopoeia Test Regarding the Weight Uniformity of Scored Tablet Halves: Is Harmonization Required? *PDA Journal of Pharmaceutical Science and Technology*. 2012; 66 (1):20 - 27.
43. Abdel Naser Zaid, **Rowa' Al-Ramahi**, Qusai Shahed, et.al. Determinants and frequency of pharmaceutical compounding in pharmacy practice in Palestine. *International Journal of Pharmacy Practice*. 2012; 20 (1): 9 - 14.
44. Zaid AN, **Al-Ramahi R**, Abu Ghoush A. Appropriate use of oral drops: perception of health professionals and assessment of package insert information. *International Journal of Clinical Pharmacology and Therapeutics*. 2010; 48 (12): 854-859. **Impact factor: 1.18.**
45. **Rowa Al-Ramahi**. The Impact of a Renal Dosing Service on Dosage Adjustment in CKD. ISBN 978-3-8433-5079-2, LAP Lambert Academic Publishing AG &Co. KG.
46. Yahaya Hassan, **Rowa Al-Ramahi**, Noorizan Abd. Aziz, Rozina Ghazali. Adverse drug events in hospitalized patients with chronic kidney disease. *International Journal of Clinical Pharmacology and Therapeutics* 2010; 48 (9): 571-576. **Impact factor: 1.18.**
47. Yahaya Hassan, **Rowa Al-Ramahi**, Noorizan Abd. Aziz, Rozina Ghazali. Drug use and dosing in chronic kidney disease. *Annals, Academy of Medicine, Singapore* 2009; 38: 1095-1103. **Impact factor: 1.36.**
48. Yahaya Hassan, **Rowa Al-Ramahi**, Noorizan Abd. Aziz, Rozina Ghazali. Impact of a renal drug dosing service on dose adjustment in hospitalized patients with chronic kidney disease. *Annals of Pharmacotherapy* 2009; 43 (10): 1598-1605. **Impact factor: 2.56.**

49. Yahaya Hassan, Noorizan Abd. Aziz, **Rowa Al-Ramahi**. Handbook of Medication Dosing in Renal Failure for Healthcare Professionals. School of Pharmaceutical Sciences, Universiti Sains Malaysia. Penang. 2007.
50. Ansam Sawalha, Ghada Al-Bishtawi, Layla Al-Khayyat, Waleed Sweileh, **Rawa Al-Ramahi**, Nidal Jaradat. 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.
51. Waleed Sweileh, Nidal Jaradat, Moueen Elawee, Asaad Al-Shakhsheer, Ansam Sawalha, **Rawa Al-Ramahi**, Abed Al-Naser Zaid. Drug interactions and risk of bleeding among patients with atrial fibrillation (AF) discharged with Warfarin. An-Najah University Journal for Research (N.Sci) 2006; 20: 127-134.
52. Waleed Sweileh, Fatima Shkokani, Ansam Sawalha, **Rawa Al-Ramahi**, Nidal Jaradat, Abed Al-Naser Zaid, Ali Barakat. Prescribing pattern of angiotensin- converting enzyme inhibitors and beta-blockers after acute myocardial infarction. Saudi Medical Journal 2005; 26 (11): 1837-1839.
53. Abla Al-Bsoul, **Rawa Al-Ramahi**, Safaan Al-Safi. Frequency of anemia in pregnancy in Northern Jordan. Saudi Medical Journal 2004; 25 (10): 1525-1527.

## Scopus

[Al Ramahi, Rowa' - Author details - Scopus Preview](#)

Citations 1017    h-index 17

## Google scholar

<https://scholar.google.com/citations?user=9AiUhbQAAAAJ&hl=en&oi=sra>

Citations 1738    h-index 20    i10-index 28

## Conferences

**Rowa' AL-Ramahi**, Hamzeh Al Zabadi, Ghadeer Al Shareef. Evaluation of Medication Dosing Errors among Outpatient Pediatrics in Primary Health Care Centers in Nablus City. Poster presentation. LPHA 2017 Conference, Birzeit University, 14/March/2017.

**Rowa' Al-Ramahi**, Dalia Nazzal, Dalal Mustafa, Eman Halabi, Samah Gnimat, Sara Gayada. Evaluation of types, stages and treatment of breast cancer among Palestinian women. The Lancet Volume 393, Supplement 1, March 2019, Page S42

## **Other Qualifications**

- [2025] Training for Grant application
- [2025] Training for using AI in teaching
- [2024] Training in designing qualitative research
- [Jan. 2013] Training course in e-learning and using Moodle. An-Najah National University
- [Nov. 2007] "Good Clinical Practice Workshop". Clinical Research Centre, Penang Hospital
- [Dec. 2006] Training course in "Statistical Analysis and SPSS". Universiti Sains Malaysia
- [2002-2003] Clerkships in internal medicine and surgery as a partial fulfillment of M.Sc. Degree. Jordan University of Science and Technology
- [Aug. 2000] Training course in "Good Manufacturing Practice GMP/Good Lab Practice GLP". An-Najah National University

## **Scholarships, Awards and Grants**

An-Najah National University Award for publications with impact factor, 2014, 2015, 2016, 2018, 2019, 2020, 2022, and 2023.

Stanford top 2% scientists, 2022 and 2023

Excellent Leadership Award, Islamic Development Bank (IDB), 2012.

The Palestinian American Research Center fellowship grant to conduct a post-doctoral research. 2011-2012

DAAD scholarship to continue Master degree

An-Najah National University Award for being the top student among university graduates in 1999.

## **Teaching Experience**

For undergraduates: Clinical pharmacy I, Clinical pharmacy II, Pharmacotherapy III, IV, Clinical Clerkships I, II, III, IV, Clinical use of antibiotics, Drugs in pregnancy and lactation.

For postgraduates: Pharmacotherapy I, II and III, Clinical Clerkships I, II, Infectious diseases, Pharmacovigilance, and Advanced topics in pharmacotherapy