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| **C.V**  Name: **Randa Nayef Haddadin**  Gender: Female  Contact Details:  Tel: +962 5355000 ext: 23314  Email: r\_haddadin@ju.edu.jo. | **randa promotion** |

**Education:**

**PhD: 2008**, Pharmaceutical Microbiology from University of Abertay Dundee/ UK.

Title of the thesis: The Effect of Subinhibitory Concentrations of Antibiotics on Virulence Factors of *Staphylococcus aureus* biofilms.

**MSc: 2001**, Pharmaceutical sciences (Drug delivery system) from University of Jordan. Title of the thesis: Glyceryl Monooleate Based Liquid Crystalline Phases for the Transdermal Delivery of Diclofenac Salts: Formulation's Design and Evaluation.

**BSc: 1992**, Pharmacy from The University of Jordan, ranking the second among my classmates with cumulative average of **91.4**%.

General Secondary Certificate: 1987, Scientific stream with cumulative average of **95.6**% ranking the first in Zarka district.

**Experience:**

* 2/9/2013 till now: Associate professor in The University of Jordan- Faculty of Pharmacy
* 2009- 2013: Assistant professor in The University of Jordan- Faculty of Pharmacy
* 1996 to 2009: In a pharmaceutical company for generic product manufacturing (Pharma International Company/ Jordan), where my job title developed from pharmacist in Research & Development department, to Head of quality control, to Quality control manager. During this period I had unpaid leave to pursue my PhD studies.
* 1994 to 1996: Researcher in a clinical research centre that is specialized in bioequivalence studies (Pharmaceutical Research Unit/ Jordan).
* 1992 to 1994: analyst in Quality control department in a pharmaceutical company for generic product manufacturing (United Pharmaceuticals/ Jordan).

**Publications arranged chronologically**

1) The effect of sub-minimal inhibitory concentrations of antibiotics on virulence factors expressed by *Staphylococcus aureus* biofilms, *Journal of Applied Microbiology*, 2009. This one was excerpted from my PhD thesis.

2) Multiple drug resistance & strength of attachment to surfaces in *Pseudomonas aeruginosa* isolates, *Letters in applied microbiology,* 2010

3) Triclosan, an update, *Letters in Applied Microbiology*, 2010

4) Preparation of Silver- and Zinc-Doped Mullite-Based Ceramics Showing Anti-Bacterial Biofilm Properties, *Molecules*, 2011

5) Development and Validation of Simple Titrimetric Method for the Determination of Magnesium Content in Esomeprazole Magnesium, *Indian Journal of Pharmaceutical Sciences*, 2011

6) Anti-cancer, anti-inflammatory and anti-microbial activities of plant extracts used against hematological tumors in traditional medicine of Jordan, *Journal of Ethnopharmacology*, 2013

7) Chapter 2, Types of microbicidal & microbistatic agents. In: Russell, Hugo & Ayliffe's Principles and Practice of Disinfection, Preservation and Sterilization, 5th Edition. Wiley-Blackwell, 2013.

8) Occupational exposure of pharmaceutical workers to drug actives and excipients and their effect on Staphylococcus spp. nasal carriage and antibiotic resistance. *International Journal of Occupational and Environmental Health*. 2013

9) In vitro antimicrobial and anti-inflammatory activity of Jordanian plant extracts: A potential target therapy for Acne vulgaris. *African journal of pharmacy and pharmacology.* 2013

10) Probiotics versus antibiotics: Is this the only option? *The International Arabic Journal Of Antimicrobial Agents*, 2014

11) Antimicrobial and anti-inflammatory potential therapy for opportunistic microorganisms. *The Journal of Infection in Developing Countries*, 2016

12) Influenza Vaccination Coverage Rates, Knowledge, Attitudes, and Beliefs in Jordan: A Comprehensive Study. *Viral immunology*, 2016

**Taught courses**

I'm teaching & instructing the following:

* Pharmaceutical Microbiology I for 3rd year Pharmacy & Pharm D students
* Pharmaceutical Microbiology II for 4th year Pharmacy & Pharm D students
* Selected topics in Pharmaceutical Microbiology for 5th year Pharmacy & Pharm D students
* Practical course (lab)

**Post graduate students**

Currently, I'm supervising a pharmacy MSc student. Project title "Antimicrobial resistance and biological characterization of *Escherichia coli* isolated from the environment of hospitals and household settings."

I was one of the internal examiners to PhD Pharmacy student in 2016. Thesis title "The effect of iberin against *Pseudomonas aeruginosa* biofilms in cystic fibrosis artificial sputum medium and on ex vivo skin explants model"

I co-supervised a chemistry MSc student in 2014. Thesis title: "Preparation of antibacterial Zeolite loaded with silver, zinc & cupper ions"

I was one of the internal examiners to an MSc Pharmacy student. Thesis title "Preparation & characterization of microemulsion based formula of 5-Aminolaevulinic acid photosensitizer for PACT treatment of Acne"

**Qualifications & skills**

* Excellent knowledge & practical work on microbiological techniques
* I have excellent knowledge & practical work on HPLC, GC, FTIR, titrations & other instruments needed for testing conventional dosage forms (tablets, capsules, semisolids & powder for suspension) & techniques used for routine work in quality control department (chemical, physical & microbiological tests).
* Excellent knowledge & practical work in electrophoresis techniques (SDS PAGE & 2D-PAGE).
* Microbiological tests for sterile & nonsterile products (Pharmacopeial tests).
* I established, equipped & mangaed five quality control labs in pharmaceutical manufacturing company that produces all conventional dosage forms & sterile antibiotics for injection.
* Purified water validation & monitoring according to USP & Ph Eur specifications.
* I was a member of the validation committee for the pharmaceutical manufacturing plants & a member of the Internal & external auditing committee
* Excellent knowledge of Good Manufacturing Practices (GMP) & Good laboratory practices.
* Exposed & passed several European Good Manufacturing Practice inspections from health authorities: European (Irish, Swedish and German), Australian, Middle Eastern & North African ones. In addition to the ISO 9001 and 14001 inspections.
* Excellent technical & managerial skills related to all functions in Quality Control Department. I was responsible for 5 labs performing (physical, instrumental, analytical & microbiological tests) distributed in 2 plants & managing 45 employees.

* Very good skills in Microsoft office.

**Training courses, conferences & workshops in the last 10 years**

* Attended 1st International Congress of Jordan Food & Drug Administration, “Pharmaceutical sector opportunities & future vision”, Oct, 2016
* Attended “The 4th International Conference of the School of Pharmacy-The University of Jordan, the 2nd conference of the Association of Faculties of Pharmacy at Jordanian Universities”. Oct 2016
* Attended a training course "Advanced Statistical analysis using SPSS" 29-30/5/2016 held by Accreditation & Quality Assurance centre- The University of Jordan
* I participated as a speaker in the Global Bioequivalence Harmonisation Symposium (Amman-Jordan) May 2016
* Attended a training course "Detecting Plagiarism" 3/3/2016 held by Accreditation & Quality Assurance centre- The University of Jordan
* Delivered a lecture in a training workshop organised by JFDA for Pharmacists from Medicinal product registration department/Palestine Ministry of Health, Amman, Jan 2016
* Attended Applied Science University, ASU –Pharmacy second symposium "Recent trends in post graduate research" Amman, Dec 2015
* Delivered a lecture entitled: Frequent findings & flaws observed during the review of submissions leading to deficiency letters or rejection: A focus on Bioequivalence & biowaiver studies" in Regional Workshop held by AUPAM & ACDIMA 17-19 Feb, 2015 Amman: The Vibrant Intersection Between Dissolution & Bioequivalence, A Focus on Biorelevant Dissolution Tests and Bioequivalence Studies where
* Presented two seminars on (Validation of analytical methods) & (Evaluation of submitted analytical method validation-Case studies) in the Workshop on Assessment of technical files, held by JFDA & WHO 21-22/12/2013,
* Presented a talk entitled " Biowaivers of other strengths of Immediate release & modified release products" in The 5th MENA Bioequivalence Conference, Amman-Jordan, 2013
* Workshop on Harmonised Arab guidelines on Bioequivalence of generic pharmaceutical products, by Jordanian Pharmaceutical Association, Continuous Pharmaceutical Education & Career Professional Development, AUPAM, JFDA & ACDIMA biocenter. Amman-Jordan, Feb 2013
* Attended The 15th Scientific Congress of the Association of Pharmacy Colleges in the Arab World & The 3rd International Conference of the Faculty of Pharmacy / The University of Jordan, recent trends & advances in Pharmacy, 2012
* Staff development Workshops, Center for Educational Development, University of Jordan, 2012
* The forth JAPM Middle East Bioequivalence Conference, Amman-Jordan, 2011
* The third JAPM Middle East Bioequivalence Conference, Amman-Jordan, 2010
* Real time-PCR, Centre of Consultation at the University of Jordan, Amman-Jordan, 2009
* USP 4th Annual Scientific Meeting, Amman- Jordan, 2008
* Analytical method validation, by US Pharmacopiea, Basel-Switzerland 2006.
* Effectively using the USP NF, by US Pharmacopiea, Basel-Switzerland, 2006

**Funded research**

* A comparison of the distribution of major biological factors between infants fecal and environmental *Escherichia coli* isolates (On going research)
* Screening of antimicrobial & antiquorum sensing activity in macroscopic algae in the Red Sea (On going research)
* Staphylococcus nasal carriage and antibiotic resistance profile among pharmaceutical plant workers (Closed).
* Evaluation of antimicrobial and anti-inflammatory activity of plant extracts in Acne cosmetic formulations (Closed).

**Research interest**

* Antimicrobial activity of plants
* Antimicrobial agents

**Awards:**

I was granted Daniel Turnberg UK/Middle East travel fellowship award by the Academy of Medical Sciences for the year 2014. Where I spent a month in Queens' University Belfast working on Non thermal atmospheric pressure plasma as an antimicrobial agent.

**Other activities**

* Head of Physical facilities & general safety committee at School of Pharmacy for the academic year 2016-2017
* Head of the social committee at School of Pharmacy for the academic year 2016-2017
* A member in the scientific committee for “The 4th International Conference of the School of Pharmacy-The University of Jordan, the 2nd conference of the Association of Faculties of Pharmacy at Jordanian Universities” in 2016
* Elected by faculty staff as a Pharmacy school representative in the University Council for the academic year 2016-2017
* A member of the Bioequivalence committee in Jordan FDA since Feb 2010 till now
* Facilities & resources committee for ACPE accreditation, School committee, member. Academic year 2014/2015, 2015/2016
* General safety committee, School committee, chair person, Academic year 2014/2015
* Social Committee, School committee, member .Academic year 2014/2015
* Equipment & Laboratories, School committee, member. Academic year 2014/2015
* A member of the committee: Checking & accrediting the "Certificate in the Technical Operation of Pharmaceutical Production Units (Level 3)", at Vocational Training Corporation/Centre of Accreditation & Quality Assurance (Ministry of Labor. 2015
* I participated in Faculty for Factory program (2013) where I worked in a project for a cosmetic products manufacturing company to evaluate & optimise preservative systems to cosmetics products
* I was the representative of the Department of Pharmaceutics & Pharmaceutical Technology in the Faculty Board Council for the year 2012
* A member of the Jordanian Pharmaceutical Association since 1992
* Currently, I'm a reviewer for some journals; Journal of Applied Microbiology, Journal of Infection in Developing Countries, Letters in Applied Microbiology.

Last updated Oct, 2016