

Curriculum Vitae

Name: Raja Moftah Moman*

Title: Assistant professor of Microbiology.

Nationality: Libyan.

Date of birth: 11. 02. 1969

Place of birth: Telmetta, Libya.

Marital state: Married with three children

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Employment

1. Teaching

1993-2000	Demonstrator in Microbiology and Immunology department, Faculty of Pharmacy, University of Tripoli, Tripoli/Libya.
2006-2010	Assistant lecturer, Microbiology and Immunology Department, Faculty of Pharmacy, University of Tripoli, Tripoli/Libya.
2007-2009	Assistant lecturer, Microbiology Department, Faculty of Dentistry, University of Tripoli, Tripoli/Libya.
2007-2009	Assistant lecturer, Microbiology Department, Faculty of Pharmacy, Zawia University, Zawia, Libya (twice a week).
2010-2012	Lecturer, Microbiology and Immunology Department, Faculty of Pharmacy, Tripoli University, Tripoli, Libya.
2014-2016	Demonstrator in Manchester Pharmacy School, University of Manchester, Manchester/UK.
2019-Now	Assistant professor, Microbiology and Immunology Department, Faculty of Pharmacy, Tripoli University, Tripoli, Libya.

2. Pharmacy students' final year projects supervision

Academic year	Title
2007-2008	Bacterial conjunctivitis: Most prevalent pathogens and their antibiotic sensitivity.
2007-2008	The potential bactericidal activity of tea and coffee extracts.
2008-2009	Synergistic antibacterial activity of green tea and peppermint.
2008-2009	The bactericidal efficacy of cold atmospheric plasma technology on some bacterial strains.
2008-2009	New Influenza A (H1N1). (Literature review).
2009-2010	Biofilm: New microbial order. (Literature review).
2009-2010	Probiotics in human health. (Literature review).

3. Master degree supervision

Academic year	Title
2019-2021	Mitigation of the toxic effects of common pathogens by probiotics.
2019-2021	Phenotypic Screening and Antibigram of Infectious Ulcerative Keratitis cases in Tripoli eye Hospital- Libya.
2019-2021	Antibiosis of Antibiotics, Honey and Probiotics Related Bacteria to Diabetic Foot Infections.
2020-2022	Nasopharyngeal carrier of Methicillin Resistant <i>Staphylococcus aureus</i> among health care staff in Tarhuna Teaching and Meslata Central hospitals.
2021-now	A comparative study of identification and antimicrobial susceptibility of isolated strains from acute and chronic diabetic foot ulcers.
2021-now	Bacterial pathogens causing Ventilator Associated Pneumonia in neonates in Tripoli University Hospital.

4. Professional experience

1993-2000	Demonstrator at Microbiology and Immunology department, Faculty of Pharmacy, Tripoli University, Tripoli / Libya
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1994-1996	Supervisor of the microbiology laboratory, Tripoli Medical Centre (TMC), Tripoli, Libya
1994-2000	Al-Asmaa Pharmacy Tripoli, Libya, Dispensing Pharmacist (Part time job).
2001-2002	English language student, English language teaching Centre (ELTC), UMIST, Manchester, England.
2003-2006	Postgraduate Student, Faculty of Pharmacy, Manchester University, England.
2006-2010	Assistant lecturer in microbiology at Microbiology and Immunology department, Faculty of Pharmacy, Tripoli University, Tripoli / Libya.
2010-2012	Lecturer in microbiology at Microbiology and Immunology department, Faculty of Pharmacy, Tripoli University, Tripoli / Libya.
2013-2017	PhD student.
2018-2021	Head of Microbiology and Immunology department, Faculty of Pharmacy, Tripoli University, Tripoli / Libya.
2021-now	Head of Study and Examinations department, Faculty of Pharmacy, Tripoli University, Tripoli / Libya.

4. Education

2013-2017	PhD student, Manchester Pharmacy School, University of Manchester, Manchester, UK.
2003-2006	M. Phil. in Pharmacy, Manchester Pharmacy School, University of Manchester, Manchester, UK.
2001-2002	IELTS English language student, English language teaching C (ELTC), UMIST, Manchester, UK.
1987-1992	B. Pharm Bachelor of Pharmacy, Faculty of Pharmacy, Tripoli University, Tripoli, Libya.

5. Training courses (117 training hours in total)

Unit Code	Title	Event Date	Hours
FMHSS3010	Producing a High Quality PhD/MD Thesis	10/06/2016	4
FMHSS6015	Strategic Publishing and Journal Reviewing	15/07/2015	3
FMHSS6013	Introduction to Research Publications	02/07/2015	4
FMHSS2401	Graduate Teaching Assistants/Demonstrator Training	12/05/2015	7
FMHSS2105	Getting the most out of research conferences	22/04/2015	3
FMHSS3101	Taking your presentation skills to the next level	31/03/2015	3
FMHSS6006	Ensuring Good Research Conduct and Integrity	25/03/2015	3
FMHSS3020	Surviving your PhD/MD Viva	18/03/2014	2
CFOP2PREQ	Procure to Pay - RequisitionereTraining - R12	16/12/2013	3
RSCHS0010	Beginners reference management with Endnote	29/10/2013	2
FMHSS2404	Teaching	20/06/2013	4
FMHSS1104	Getting started with your Continuation Report	04/03/2013	2
FMHSS1301	Critical analysis of research papers	17/12/2012	4
FMHSS1103	Getting started with your Literature Review	07/12/2012	2
FMHSS1302	Introduction to Statistics using SPSS	04/12/2012	12
FMHSS1102	Introduction to Effective Presentation Skills	21/11/2012	6
FMHSS2101	Communicating your Research with the Public	13/11/2012	3
FMHSS1107	Negotiation and Conflict Management	08/11/2012	3
FMHSS1109	Turbocharge Your Writing	01/11/2012	4
FMHSS1021	Mini First Year Workshop	18/10/2012	4

FMHSS1100	Academic Writing in English	10/10/2012	27
FMHSS1010	Introduction to Research Speed PhD and MD Course	02/10/2012	8
FMHSS1307	Introduction to Statistics	15/06/2012	4

PhD entitled: Interactions of Oral Bacteria with Host Tissues and Allochthonous Microorganism.

M Phil. entitled: Recalcitrance of Bacterial Aggregates towards Biocides.

Publications and conferences

1. El-Ghamati, Salem M., Mohamed T. Ali Said, Nagat Ali and **Raja M. Moman**, (1995).Importance of inoculum standardization on antibiotic sensitivity assay. The third Jamahiriya Medical Sciences Conference 31/5 – 3/6 1995. Tripoli, Libya.
2. El-Ghamati, Salem M., Mohamed T. Ali Said, **Raja M. Moman** and Nagat Ali(1995). Cataloging of bacterial strains according to its antibiotype. The third Jamahiriya Medical Sciences Conference 31/5 – 3/6 1995. Tripoli, Libya.
3. **Raja M. Moman** (1997). The activity of Ciprofloxacin against multi-drug resistant strains of *E. Coli* and *Pseudomonas aeruginosa*. The first Scientific Conference of Arab Society for Pharmaceutical Colleges. 13/10 – 15/10 1997 Erbid, Kingdom of Jordan.
4. Mohamed R. Al-Sagher, **Raja M. Moman**, N. El-magrahi and A. Ghalbon (2007). Effect of inducers on growth inhibitory activity of IOrtho-Nitrophenyl Galactopyranoside [ONPG]. *Jamahiriya Medical Journal* vol. 7, No. 3:212-214.
5. **Raja M. Moman** and Peter Gilbert (2007).The role of plant lectin Concanavalin A in Creating of bacterial aggregates using three different bacterial strains. The 6th National Pharmaceutical Sciences Conference. Misurata 2-4 2007.
6. Mohamed R. Al-Sagher, S. P. Denyer and**Raja M. Moman** (2007). Effect of biocides on the leakage of Cellular Potassium Ions. The 6th National Pharmaceutical Sciences Conference. Misurata 2-4 2007.
7. **Raja M. Moman**, Mohamed R. Al-Sagher, and P. Gilbert (2007). Recalcitrance of *Escherichia coli* k-12 C600 planktonic and aggregated cell suspensions towards biocides. *Association Africaine De Microbiologie Et D'Hygiene Alimentaire* [M.H.A.]. Vol. 19, No. 54:20-29.
8. M. R. Al-Sagher, **Raja M. Moman**, N. EL-Maghrhi and A. Ghalbon.(2007).Effect of Inducers on Growth Inhibitory Activity of *Ortho*-Nitrophenylgalactopyranoside

[ONPG]. *Association Africaine De Microbiologie Et D'Hygiene Alimentaire* [M.H.A.]. Vol. 19, No. **54**: 36-39.

9. **Raja M. Moman**, Mohamed R. Al-Sagher, and Dojana M. Rashed (2007). Evaluation of microbial contamination of repackaged tablets in Tripoli hospitals. *Jamahiriya Medical Journal* vol. 7, No. 4:271-274.
10. M. R. Al-Sagher, M. Saad, A. Auzi, **Raja M. Moman**, A. Ghalboon and N. Magrahi. (2007). Antibacterial Activity of Selected Libyan. Medicinal Plants. The First Regional Conference on Traditional Arabic & Islamic Medicine. 08-10 August 2007. Amman – Jordan.
11. **Raja M. Moman**, Peter Gilbert and Alexander Rickard (2007). The Role of .Lectin Concanavalin A in creating bacterial aggregates using three different bacterial strains The First Regional Conference on Traditional Arabic & Islamic Medicine. 08-10 August 2007. Amman – Jordan.
12. **Raja M. Moman**, and P. Glibert (2008). Recalcitrance of *Staphylococcus aureus* NCTC 8325 Planktonic and Aggregated Cell Suspensions Towards Biocides. The 4th Conference of Microbiology Sciences, Tunisian Society of Microbiology, 07-09 November 2008 Hammamet, Tunisia.
13. Mohamed R. Al-Sagher and **Raja M. Moman** (2010). Effect of biocides on the leakage of cellular pentose of *Escherichia coli*. The 27th Scientific Conference of Arab Pharmacists Union (APU). Held in 11th to 13th may 2010, Damascus, Syria.
14. **Raja M. Moman**, Fatma M. Ghoniem, Salma A. Yones and Mohamed R. Al-Sagher (2010). Bacterial conjunctivitis: Most prevalent pathogens and their antibiotic sensitivity. The 27th Scientific Conference of Arab Pharmacists Union (APU). Held in 11th to 13th may 2010, Damascus, Syria.
15. **Raja M. Moman** (2010). Microbial Biofilm: from ecology to molecular genetics. The 6th Conference of Tunisian Society of Microbiology 22-24 October 2010, Hammamet, Tunisia.
16. **Raja M. Moman and Hmeda Najmaldeen** (2010). The bactericidal efficacy of cold atmospheric plasma technology on some bacterial strains. *Egypt. Acad. J. biolog. Sci.*, 2(2): 43-47. ISSN: 2090–0872
17. Ebtesam O. Amer, **Raja M. Moman**, Mostafa M. Gebril and Mohamed R. Al-Sagher (2010). Growth inhibitory effect of Chlorhexidine and Hexitidine containing-mouth washes against oral bacteria. The 6th Conference of Tunisian Society of Microbiology 22-24 October 2010, Hammamet, Tunisia.
18. Mohamed S. Alghol, Mahjoub A. Aouni, **Raja M. Moman** and Mohamed R. Al-Sagher (2011). Hepatitis A in north western coast of Libya: Surveillance, Genetic variations and Phylogenetic analysis. The 7th Conference of Tunisian Society of Microbiology 25-27 November 2011, Hammamet, Tunisia.

19. Mohamed R. AL-Sagher, **Raja M. Moman**, Khetam A. Grabeel (2013). In-vitro antibacterial activity of green tea. The 9th Conference of Tunisian Society of Microbiology 15-17 November 2013, Hammamet, Tunisia.
20. **Raja M. Moman** & McBain, A. J. (2015). Characterization of Interactions Between Bacteria of the Human Oral Microbiome. Postgraduate Conference. Manchester pharmacy school, University of Manchester, Manchester, UK.
21. Amal M. Ibrahim, **Raja M. Moman** and Mohamed R. AL-Sagher (2016). Detection of airborne bacterial contaminants in several medical department's utilities at Tripoli medical centre (TMC). The 12th Conference of Tunisian Society of Microbiology 18-20 November 2016, Hammamet, Tunisia.
22. **Moman, R.**, Ledder, R., O'Neill, C. & McBain, A. J. (2017). Protection of oral epithelial cells from the effect of periodontal pathogens by three candidate probiotics. Society for Applied Microbiology Symposium. The University of Westminster (Marylebone Campus), London, UK.
23. **Raja M. Moman**, Hana A. Ben-Ibrahim, Wafa A. Sasi and Mohamed R. Alsagher (2017). Evidence of bacterial contamination of money notes during circulation in the city of Tripoli, Libya. Journal of basic and applied sciences. Vol. 23 – Issue No. 1 – 2017.
24. Amal M. Ibrahim, **Raja M. Moman** and Mohamed R. Alsagher (2018). Evaluation of efficacy of some biocides on bacterial strains isolated from Tripoli Medical Centre (TMC). 2nd ICPASU. 21ST Scientific congress of the association of colleges of pharmacy in the Arab world. 13-15th NOV. 2018.
25. **Moman R**, O'Neill CA, Ledder RG, Cheesapcharoen T and McBain AJ (2020). Mitigation of the Toxic Effects of Periodontal Pathogens by Candidate Probiotics in Oral Keratinocytes, and in an Invertebrate Model. Front. Microbiol. 11:999. doi: 10.3389/fmicb.2020.00999.
26. Salwa Ibraheim Eltawaty, Sanaa Osman Yagoub, Idrees Hamad Attitalla and **Raja M. Momen** (2020). Susceptibility of extended spectrum β -lactamase producer methicillin resistant *staphylococcus aureus* to essential oil of aerial parts of artemisia herba alba asso. Asian Journal of Research in Biological and Pharmaceutical Sciences. 8(1), 2020, 7-14. ISSN: 2349 – 4492.
27. **Raja Moman**, Catherine O'Neill, Ruth Ledder and Andrew McBain (2020). Mitigation of the Toxic Effects of Periodontal Pathogens by Candidate Probiotics in an Invertebrate Model. 4th Libyan Conference on Medical and Pharmaceutical sciences 2020. AJAMS <https://alqalam.utripoli.edu.ly/science/> eISSN 2707-7179.
28. **Raja Moman**, Catherine O'Neill, Ruth Ledder and Andrew McBain (2020). Assessing Interactions Between Periodontal Pathogens, Human Oral Cell Lines and Probiotics. 4th Libyan Conference on Medical and Pharmaceutical sciences 2020. AJAMS <https://alqalam.utripoli.edu.ly/science/> eISSN 2707-7179.

29. Mohamed R. Alsagher, Izdehar M. Alahdab, Sahar N. Alkhwildi, Najat Elmaghrhi, Ayda Ghalboon and **Raja M. Moman** (2021). Evaluation of Bacteriological Quality of Packed Ice Creams Sold In Retail Stores in Tripoli City, Libya. Scholars Academic Journal of Pharmacy, 2021 Jan 10(1): 19-23. DOI: 10.36347/sajp.2021.v10i01.004. ISSN 2347-9531 (Print), ISSN 2320-4206 (Online).

Language

Arabic and Interests

- Traveling English
- and Reading

References

Prof. Andrew Mcbain

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Biography

Dr. Raja M. Moman B.Ph., MPhil., PhD

I studied for my Ph.D. in pharmacy at the University of Manchester, division of pharmacy and optometry. Since 2017, my research at Manchester has focused on the interactions of oral bacteria with host tissues and allochthonous microorganisms. I had an MPhil degree in pharmacy from the same university in 2006, my research was regarding the recalcitrance of bacterial aggregates towards biocides. I have successfully supervised 7 MSc. students.

My qualifications:

- 2017 Ph.D. (University of Manchester).
- 2006 MPhil. (University of Manchester)
- 2001 IELTS English language student, (UMIST, Manchester).
- 1992 Bachelor of Pharmacy (University of Tripoli).

Methodological knowledge:

In vitro modeling (for biofilms, microbiotas, antimicrobial susceptibility testing), Human oral microbiome research, biofilms in diabetic acute and chronic foot infections, probiotics, antimicrobial resistance, hospital-acquired infections (e.g. VAP), and microbicides.

I was Head of Microbiology and Immunology, Faculty of Pharmacy, University of Tripoli (2018-2020).

I am Head of the study and examinations Department, Faculty of Pharmacy, University of Tripoli (2021-now).

I welcome cooperation with any researcher in the areas I am interested in and prefer teamwork.