



Libyan International Medical University

Academic Staff C.V.

Name: Salma Abdelkerim

Surname: Bukhatwa

Qualification: PhD

Country of Study: United Kingdom

Major: Pharmacology

Year of Award: 2008

Faculty: Pharmacy

Department: Pharmacology and Toxicology

Email: salma.bukhatwa@limu.edu.ly, sbukhatwa@icloud.com

Scientific Degree: Associate Professor

First Language: Arabic

Second Language: English

Computer Skills:

- MS office for PC and MAC
- Bibliographic software; Reference Manager and EndNote
- Statistical software; Prism 6 and SPSS
- Adobe Photoshop
- Podcasts and basic audio editing

Qualifications:

Degree	Year of Award	Affiliation Institution	Major
BPharm	1989	Tripoli University	Pharmaceutical Sciences
MSc	1998	University of Benghazi	Pharmacology
PhD	2008	king's College London	Pharmacology
MSc	2021	Suez Canal and Maastricht Universities (Joint Master degree)	Medical Education

Experience:

Job Nature	Employer Name	From	to
Vice President for Research & Consultation Affairs	Libyan International Medical University, Benghazi, Libya	2021	Date
Dean	Faculty of Pharmacy, Libyan International Medical University, Benghazi, Libya	2015	Date
Editor	Libyan International Medical University Journal	2016	Date
Associate Professor	Department of Pharmacology & Toxicology, Faculty of Pharmacy, University of Benghazi, Benghazi, Libya	2019	Date
Academic Visitor to Neurodegenerative	Institute of Pharmaceutical Science, King's College London, London, UK	March 2014	July 2014

Diseases Research Group			
Head of Pharmacology Department	Faculty of Pharmacy, Libyan International Medical University (LIMU), Benghazi, Libya	2012	2014
Head of Pharmacology and Toxicology Department	Faculty of Pharmacy, University of Benghazi, Benghazi, Libya	2012	2013
Head of Studying and Examination Office	Faculty of Pharmacy, University of Benghazi, Benghazi, Libya	2012	2013
Editor	The Libyan Journal of Pharmacy and Clinical Pharmacology	2012	2013
Reviewer	Journal of Pharmacy and Pharmacology	2012	2014
Assistant Professor	Faculty of Pharmacy, University of Benghazi, Benghazi, Libya	2012	2019
Lecturer	Faculty of Pharmacy, University of Benghazi, Benghazi, Libya	2009	2012
GMP in Pharmaceutical Industry: Inspector	Libyan Ministry of Health, Tripoli, Libya	2010	2010
External Inspector and Auditor for Libyan Educational Institution	National Quality Assurance and Accreditation Center, Tripoli, Libya	2010	Date
Technical Affairs Position	National Company of Drugs and Medical Supplies, Benghazi, Libya	2003	2004
Assistant Lecturer	Faculty of Pharmacy, University of Benghazi, Benghazi, Libya	2000	2004
Head of Pharmacy Department	Al-Jalaa Hospital, Benghazi, Libya	1990	1997

Publications:

First: Oral / Poster Presentation

Year	Oral / Poster Presentations
2020	The first virtual conference for the development of higher education institutions in Libya 24-25 February 2020, Baghdad, Iraq <u>Salma A Bukhatwa</u> (2020): Quality Criteria in Qunatitative and Qualitative Research
2019	The first virtual conference for the development of higher education institutions in Libya 12 December 2019, Sabha, Libya <u>Salma A Bukhatwa</u> (2019): Quality Management in Education
2017	Conference of Scientific Research & Sustainable Development 25th -27th December 2017, Benghazi, Libya <u>Salma A Bukhatwa</u>, Iman Elmahdi, Elzahra Buzariba, Ruwida Sinini, Maryam Saleh, Hanin Newisry, Amna Bugrain, Samah Eltyb and Mustafa M Elfakhri (2017): Establishment of Libyan Competency Frameworks for Health Care Education and Services
2017	First International Conference of Al- Kitab University College in cooperation with Lund University, Sweden: In the conference held in Baghdad / Iraq at 14/12/2017 under the slogan: "By science we raise the society"

	Salma A Bukhatwa (2017): Moving Towards Inlegrated Pharm D Curriculum: LIMU Experience.
2017	First Libyan conference on Pharmacy Practice 29-30 July 2017, Benghazi, Libya Salma A Bukhatwa , Iman Elmahdi, Elzahra Buzariba, Hwuida Maghoud, Nairouz Alathram, Asma Buanz, Hana A Habib Saad, Maryam Saleh, Amna Bugrain, Najwa Mohamed, Ruwida Sinini, Esra El Naili, Nazik M Ali Hamad, Abdalla M Omran Elmugassabi, Tamer M Elfaidy, Samah Eltyb Elnoor, Mohamed Baraka, Mohamed Moustafa, 5Ibrahim Labouta, Mohamed S Ambarak, Adel I Al-Tawaty, Mustafa M Elfakhri (2017): INTEGRATING PHARMACY PRACTICE INTO FIRST YEAR PHARMD CURRICULUM
2017	Annual Scientific Conference of the Arab Association of pharmacist progress: PHARMACY VISION 2030 "Education, Profession and Pharmaco-Regulations" Intercontinental City Stars, March 30th to April 1st 2017 Mustafa M Elfakhri and Salma A Bukhatwa (2017): Competency-Based Pharmacy Education.
2016	The 19th Annual Congress of the Scientific Association of Colleges of Pharmacy in the Arab World, 18th – 20th October, 2016, Beirut – Lebanon Makpula A Tarhuni, Aisha A. Derbash, Salma A Bukhatwa (2016): Depigmentation therapy for vitiligo amongst Libyan patients.
2014	The 17th Annual Congress of the Scientific Association of Colleges of Pharmacy in the Arab World, 14th – 16th October, 2014, Cairo – Egypt Afia A Khalifa, Salma A Bukhatwa , and Mustafa Elfakhri (2014): Antibiotics consumption trend in Libya 2012-2013
2014	The FIP World Congress 2014: Access to medicines and pharmacists today, better outcomes tomorrow, 31 August – 4 September, 2014, Bangkok, Thailand Salma Bukhatwa , Sara Trabelsi, Afia Abdulmula and Mustafa Elfakhri (2014): Antibiotics misuse in Libya: Observational study.
2014	The National Conference for Higher Education: Current situation and Challenges, 13th - 14th April, 2014, Tripoli – Libya Mustafa Elfakhri, Salma A Bukhatwa , Omar Sabri, Rehan Monir and Yasser Kandil (2014): A proposal for National Academic Reference Standards (NARS) for pharmacy education programs in Libya.
2013	The 16th Annual Congress of the Scientific Association of Colleges of Pharmacy in the Arab World, 4th – 7th November, 2013, Benghazi – Libya Mustafa Elfakhri, Abdalla Elhuwegi and Salma A Bukhatwa (2013): Towards development of Pharmacy education in Libya: A future perspective.
2013	The 16th Annual Congress of the Scientific Association of Colleges of Pharmacy in the Arab World, 4th – 7th November, 2013, Benghazi – Libya Marwa BenNaser and Salma A Bukhatwa (2013): Prevalence of psychostimulant drug abuse among Libyan students.
2013	The 16th Annual Congress of the Scientific Association of Colleges of Pharmacy in the Arab World, 4th – 7th November, 2013, Benghazi – Libya Sara Eltrapolsi and Salma A Bukhatwa (2013): Evaluation of rational use of antibiotics in Benghazi-Libya 2013.
2013	The 16th Annual Congress of the Scientific Association of Colleges of Pharmacy in the Arab World, 4th – 7th November, 2013, Benghazi – Libya

	Hussain Abdulsalam Kablan, Abdulsalam Bofraaj Al-mabrouk, Issa Muftah Mohamed, Mohamed Muftah Emghaib and <u>Salma A Bukhatwa (2013)</u> : New advances in treatment of diabetic ulcer.
2013	The 2nd International Summit on Toxicology, 7th -9th October, 2013, Las Vegas – USA <u>Salma A Bukhatwa</u> , Bai-Yun Zeng, Sarah Rose and Peter Jenner (2013) : Factors affecting reproducibility of proteasomal inhibition following PSI systemic administration to experimental animals.
2013	The 4th International Scientific Conference of Faculty of Pharmacy Cairo University, 24th - 25th April, 2013, Cairo – Egypt Mustafa M. Elfakhri and <u>Salma A Bukhatwa (2013)</u> : A proposal for a versatile pharmaceutical education program.
2013	The 2nd International Conference of Benghazi Medical Center, 29th -31st March, 2013, Benghazi – Libya <u>Salma A Bukhatwa</u> , Samar A. Bukhatwa and Mustafa M. Elfakhri (2013) : A novel strategy for delivering problem-based education to pharmacy students.
2013	The 3rd Scientific conference of Faculty of Pharmacy in Zagazig University, 7th, March, 2013, Zagazig – Egypt <u>Salma A Bukhatwa (2013)</u> : Understanding the potential role of phenolic compounds in dopaminergic neuroprotection in Parkinson’s disease.
2012	The 15th Annual Congress of the Scientific Association of Colleges of Pharmacy in the Arab World and the 3rd International Conference of the Faculty of Pharmacy/University of Jordan, 9th – 11th October, 2012, Amman – Jordan <u>Salma A Bukhatwa (2012)</u> : Drug prescribing trends in Libya (1991-2012): A vision for the future.
2012	The 14th Annual Congress of the Scientific Association of Colleges of Pharmacy in the Arab World and the 2nd International Conference of the College of Pharmacy and Health Sciences, 7th – 9th February, 2012, Ajman University of Science & Technology (AUST), Ajman – UAE <u>Salma A Bukhatwa</u> , Tarek Y. Alzwy and Mansour A. Alfarjany (2012) : Market purchasing trends for drugs at private pharmacies in Benghazi–Libya (2009/2010)
2010	The 3rd International Conference of the Arab Society for Medical Research, 12th – 14th October, National Medical Research Centre, Al-Zawia – Libya <u>Salma A Bukhatwa</u> , Bu-Bakr ElSheikhy, Nour-Eldeen Mohamed and Mohamed Khamis (2010) : Drug prescribing trends in three polyclinics in Benghazi–Libya
2010	First International Congress of Medical Science, 23rd – 25th April, Omar Al-Mukhtar University, Al-Baida, Libya <u>Bukhatwa S (2010)</u> : Proteasomal system dysfunction: Implication for understanding of Parkinson’s disease.
2009	Muscat Pharmaceutical Conference, 22nd - 23rd April, Oman Medical College, Muscat, Oman <u>Bukhatwa S</u> , Rose S, Jenner P (2009) : Proteasomal system dysfunction and Parkinson’s disease.
2008	The 6th FENS forum of European Neuroscience, 12th -16th July, Geneva, Switzerland <u>Bukhatwa S</u> , Zeng BY, Rose S, Jenner P (2008) : The proteasomal inhibitor I reduces spontaneous locomotor activity and induces nigral neuronal degeneration in the C57BL/6J mice.

2007	The 11th Scientific Congress of the Association of the Colleges of Pharmacy in the Arab World, Tripoli, Libya Bukhatwa S , Rose S, Jenner P (2007): Does the proteasomal inhibition model of Parkinson's disease mimic the human disease?
2007	Parkinson's disease Centers of Excellence, London, UK Stockwell K, Bukhatwa S (2007) : The molecular basis of Parkinson's disease.
2006	Society for Neuroscience, Atlanta, Georgia, USA Bukhatwa S , Zeng BY, Rose S, Jenner P (2006): Systemic administration of the proteasome inhibitor PSI does cause a decrease in the number of nigral dopaminergic neurones.
2005	The Postgraduate Research Symposium 2005, King's College London, London, UK Bukhatwa SA , Zeng BY, Rose S, Jenner P (2005): A novel proteasome inhibitor model of Parkinson's disease.
2004	The IXXX Conference of Pharmaceutical Sciences, Cairo, Egypt Manfi MR, Moustafa MA, Bukhatwa SA (2004) : Effects of cimetidine, furazolidone, atropine and Jupiner extract on gastrointestinal motility in mice.
2004	The 7th Scientific Conference of Drug's Quality Control, Cairo, Egypt Bukhatwa SA (2004) : Effect of angiotensin converting enzyme inhibitors on erythropoietin plasma concentration in healthy young volunteers.
2003	The 7th Pan Arab Conference on Diabetes, Cairo, Egypt Bukhatwa SA , Sherif SI (2003): Influence of diabetes and castration on sensitivity of seminal vesicle to adrenergic drugs.
2003	The 4th National Conference for Pharmaceutical Sciences, Tripoli, Libya Bukhatwa SA , Bashir A (2003): Drug prescribing trends in three polyclinics in Benghazi-Libya.
2003	The 4th National Conference for Pharmaceutical Sciences, Tripoli, Libya Elsheafy EA, Abdelrazeq HA, Zughaid HH, Bukhatwa SA (2003) : The quality of public and private Pharmacy practices in Benghazi.
2002	The 6th Scientific Congress of the Association of the Colleges of Pharmacy in the Arab World and the 1st International Conference of the Faculty of Pharmacy and Health sciences, Ajman University of Science and Technology, Ajman, UAE Bukhatwa S (2002) : Adverse effects of low dose aspirin in healthy young volunteers.
1991	The 11th Congress of the Union of Arab Pharmacists, Tripoli, Libya El-Kadi A, Bukhatwa S , Sherif S (1991): Drug prescribing trends in polyclinics in Benghazi.

Second: Published Research Papers

Year	Published Research Papers
2023	Salma Bukhatwa , Ali A elmabsout, Nahla A. Elhouseni, Hadel B. Bennaser, Sondos M. Eifergany, Aisha Kashbour, Eman Alyamani. Psychostimulant Drugs Abuse among Libyan Medical Students. British Journal of Multidisciplinary and advanced studies: Health and Medical Sciences . 2023; 4 (1), 1-10
2022	Sassi M, Al'asmae Y, Addal NE, Elmabsout A, Hussin H, Elmahdi I, Bukhatwa S . Dyslipidemia and Vitamin D Status in Diabetic Patients. International Journal of Current Science Research and Review. 2022; 5(1): 50-57. https://ijcsrr.org/single-view/?id=4918&pid=4889
2021	Elzway M, Almalky M, Elmabsout A, Mansour R, Elmahdi I, Bukhatwa S . Effect of lipid lowering agents on lipid profile, blood glucose and Glycated hemoglobin in DM patients. International Journal of Pharmaceutical Research and Applications. 2021; 6(6): 1226-

	1233www.ijprajournal.com/current-issue.php?issueid=35&title=Effect%20of%20lipid%20lowering%20agents%20on%20lipid%20profile
2020	Banigesh A, Senanayake V, Said KJ, Bukhatwa SA , Juurlink B. Sulforaphane in experimental hypertension. <i>LIMUJ.</i> 2020; 5(2): 27-31
2020	Kablan NM, Ali KA, Said KJ, Ali MA, Saleh AH, Almajbri WM, Bukhatwa SA . Children on hemodialysis: A retrospective study in Benghazi pediatric hospital. <i>Int. J. Adv. Res.</i> 2020; 8(12):827-832
2019	Bukhatwa SA , Albrgathi Z, Salem Z, Faraj H, Ehwiw M. Topical propranolol therapy for infantile hemangioma: A retrospective multi-institution study in the eastern region of Libya. <i>Int. J. Adv. Res.</i> 2019; 7(6):1-4
2019	Bukhatwa SA , Al-Farsi A, Elwefalli A, El-Obidy H, Zoubi S. Pattern of multiple sclerosis in Benghazi-Libya. <i>Ind. J. Appl. Res.</i> 2019; 9(7):9-10
2019	Bukhatwa SA , Almajbri WM, Alzuwawi WT, Ellgeryni TY, Kablan NM. Laboratory profiles of Libyan patients on hemodialysis: A retrospective study in two main hospitals in Benghazi city. <i>Int. J. Adv. Res.</i> 2019; 7(5):821-825
2018	Helal FM, Faraj A, Kablan N, Elfakhri MM, Bukhatwa S . Prevalence of vitamin d deficiency among overweight and obese Libyan females. <i>Pharm. & Pharmacol. Int. J.</i> 2018; 6(6):453-457
2017	Khalifa AA, Bukhatwa SA , Elfakhri MM. Antibiotics Consumption in the Eastern Region of Libya 2012-2013. <i>LIMUJ.</i> 2017; 2(1): 55-63
2016	Elfakhri MM, Bukhatwa SA . Higher education in Libya: Challenges and future plans (in Arabic language). <i>LIMUJ.</i> 2016; 1:27-34
2010	Bukhatwa S , Zeng BY, Rose S and Jenner P. The effects of dose and route of administration of PSI on behavioural and biochemical indices of neuronal degeneration in the rat brain. <i>Brain Res.</i> 2010; 1354:236-42
2010	Bukhatwa S , Zeng BY, Rose S and Jenner P. A comparison of changes in proteasomal subunit expression in the substantia nigra in Parkinson's disease, multiple system atrophy and progressive supranuclear palsy. <i>Brain Res.</i> 2010; 1326:174-83
2009	Bukhatwa S , Iravani MM, Zeng BY, Cooper J, Rose S and Jenner P. An immunohistochemical and stereological analysis of PSI-induced nigral neuronal degeneration in the rat. <i>J Neurochem.</i> 2009; 109(1):52-9
2006	Zeng BY, Bukhatwa S , Hikima A, Rose S and Jenner P. Reproducible nigral cell loss after systemic proteasomal inhibitor administration to rats. <i>Ann Neurol</i> 2006; 60:248-252

Referees:

- **Prof. Mustafa Elfakhri**
Professor of Biochemistry, University of Benghazi, Benghazi, Libya
E-mail: mmelfakhri@yahoo.com
Tel: 00218913822237
- **Prof. Abdulla El-Hwuegi**
Professor of Pharmacology, Tripoli University, Tripoli, Libya
E-mail: hwuegi@hotmail.com
Tel: 00218926286913
- **Dr. Mohamed Saad Ambarek**
President, Libyan International Medical University, Benghazi, Libya
E-mail: president@limu.edu.ly
Tel: 00218913760511

- **Prof. Peter Jenner**
Professor of Pharmacology, King's College London, London, UK
E-mail: peter.jenner@kcl.ac.uk
Tel: 00442078486011
- **Dr. Sarah Salvage**
Reader in Pharmacology, King's College London, London, UK
E-mail: sarah.salvage@kcl.ac.uk
Tel: 00442078486018