

Curriculum Vitae

Mokhtar Mohamed El-Baseir



Name Mokhtar
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Marital status Married
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Degree M.Phil, PhD.
Current Employer Faculty of Pharmacy, University of Tripoli - Libya
Job Title Associate Professor in Pharmaceutics

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Education and Qualifications

- 2006 PhD. in Pharmaceutics, University of Bradford, UK.
1998 M.Phil. in Pharmaceutical Technology, University of Cardiff, UK
1984 BSc. in Pharmacy, University of Tripoli, Libya

Thesis

- 2005 PhD. The main thesis title was, "Phospholipid Vesicles for Transdermal Drug Delivery" and the subtitle was "Developing deformable phospholipid vesicles, evaluation of their mechanisms of action and theoretical modeling for delivery of drugs to and through human skin in vitro".
- 1998 M.Phil. - The thesis title was "A Study of Bioerodible Microspheres for Pulmonary Drug Delivery".

Attended Courses & Certificates

Computer Science & Information Technology

- IT2 (Presentations) using MS Power Point. Center for Enterprise, Bradford, UK.
- IT2 (Spreadsheets) using MS Excel (NETg). Center for Enterprise, Bradford, UK.
- IT2 (Spreadsheets) using MS (EP). Center for Enterprise, Bradford, UK.
- IT2 (Word Processing) using MS (EP). Center for Enterprise, Bradford, UK.

Course Related to Field

- A session on Radiation Protection, University of Bradford, UK.

Languages

- **1993** English for Academic Purposes English Language Service for International Students, University of Cardiff, UK.
- **1978** English in Chester, Stanley Place Chester English Language School, UK.
- **1976** English language certificate at the Regency School of English for Students from overseas Ramsgate, Kent, UK.
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Languages

	Speaking	Reading	Writing
Arabic & English	Fluent	Fluent	Fluent

Employment History

2019	Postgraduate coordinator in Department of Pharmaceutics
2018	Professor in Pharmaceutics, Department of Pharmaceutics, University of Tripoli, Libya
2018	Inspection Team for Good Manufacturing Practice (GMP) Beximco Company of Pharmaceutical Industries, Dakah. Bangladesh.
2014	Associate Professor in Pharmaceutics, Department of Pharmaceutics, University of Tripoli, Libya
2014	Visiting Researcher, University of Sains, Malaysia.
2014	Affiliate Researcher, University of Huddersfield, UK.
2011	Head of Examination Department, Faculty of Pharmacy, University of Tripoli, Libya.
2010	Assistant Professor in Pharmaceutics, Department of Pharmaceutics, University of Tripoli, Libya.
2008	Head of Inspection Team for Good Manufacturing Practice (GMP) Siphat Tunisian Company of Pharmaceutical Industries, Tunisia.
2007	Head of Inspection Team for Good Manufacturing Practice (GMP) Belupo Company, Croatia.
2006	Lecturer in Pharmaceutics, Department of Pharmaceutics, Faculty of Pharmacy, University of Tripoli, Libya.
1998	Assistant Lecturer in Pharmaceutics, Department of Industrial Pharmacy and Pharmaceutics, Faculty of Pharmacy, University of Tripoli, Libya.
1991	Demonstrator, Department of Industrial Pharmacy and Pharmaceutics, Faculty of Pharmacy - University of Tripoli, Libya.
1984-1990	Pharmacist, Pharmaceutical and Medical Equipment supply Head Office, Ministry of Health, Tripoli, Libya.

Decisions of commissioning

1. Chairman of the Committee formed for the development of ideal pharmacies within the city of Tripoli in accordance with Resolution No. (4) for the year 2008
2. Member of the medical team assigned to work in **Sirraleone** (Africa) 2007
3. The Chairman of the Technical Scientific Committee in the Pharmacy Office in accordance with the decision of the People's Committee for Health Tripoli No. 426 for the year 2007.
" This committee shall be responsible for the technical follow-up of medicines used in pharmacies and submitted for registration In addition to holding periodic scientific conferences and symposia on the health of Tripoli".
4. Head of the Department of Pharmacy and Medical Equipment Tripoli in 1990
5. Assignment of medical clinic in **Mauritania** 1989.
6. Member of the medical team assigned to work in **Mauritania** in 1988-1989
7. Member of the Committee to study the offers of medicines submitted for registration in accordance with the decision of the General People's Committee for Health No. (118) for the year 1988, the competence of this committee to study the offers of medicines submitted for registration and selection.
8. Member of the Committee for Drug Abuse based on the decision of the General People's Committee for Health No. (66) for the year 1987

Teaching Responsibilities

- Physical Pharmacy for 1st year students, (Intermolecular forces, States of Matter, Solution properties, Solubility, Rheology, Interfacial Phenomena and Colligative Properties) Faculty of Pharmacy, University of Tripoli, Libya.
- Physical Pharmacy for 1st year students, Faculty of Pharmacy, University of Mergib, Libya.
- Pharmaceutics for 2nd year students, Faculty of pharmacy, University of Tripoli, Libya.
- Biopharmaceutics and Pharmacokinetics for 3rd Year students Faculty of Pharmacy, University of Misurata, Libya
- Hospital Pharmacy for 3rd year students Faculty of Pharmacy, University of Misurata, Libya
- Pharmacokinetics for 4th students Faculty of Pharmacy, University of Alzawia, Libya
- Advanced course to MSC student under the title "Advances in Drug Delivery" lectures, Faculty of Pharmacy, University of Tripoli, Libya.
- Participated in evaluation juries and marked M.Sc. essays

Projects (Supervised)

Master Degree Project (MSC) under the title "Preparation and Evaluation of Polymeric Microspheres Drug Delivery System. 2017

Research Interests

- Formulation and evaluation of microspheres and liposomes as pulmonary drug delivery systems.
- Evaluation and enhancement of dermal and transdermal absorption of drugs using vesicular delivery systems (liposomes and ultradeformable phospholipid vesicles)
- Application of differential scanning calorimetry technique in characterisation of phospholipid vesicles (liposomes and ultradeformable vesicles) as drug carrier.
- Evaluation of absorption and pharmacokinetic interactions of drugs.
- Solubilisation and stabilization of drugs.
- Performing bioequivalence studies.

Skills & Experience:

- High performance liquid chromatography (HPLC).
- Photon correlation spectroscopy (PCS).
- Differential scanning calorimetry (DSC).
- Thermogravimetric Analysis (TGA) technique
- Cascade impactor and Twin impinger as in-vitro characterization method for pulmonary deposition.
- sound theoretical knowledge and interpretation of most analysis techniques (DSC, TGA, HPLC.....).

Publications

1. Rima Farag Elmezghni¹, Mokhtar M. El-Baseir (2023). Biodegradable Microspheres for Captopril Drug Delivery. *International Journal for Research Trends and Innovation*, 8 (3): 180-186.
2. Hanan M. El Basir, Mokhtar M. El-Baseir, Abdulrhman A. Akasha, Somaia A. Elsaedi, Abdrheam Eluzu (2018). 'Generic Versus Branded Medicines Available on the Local Market'. *Pharmatutor Journal*, 6 (10):5-12.
3. Mosbah A. El-Majri and Mokhtar M. El-Baseir (2016). 'Evaluation of anti-Inflammatory Effect of Ibuprofen Using Witeposol H15 Rectal Suppositories Versus Oral Route'. *Misurata Medical Journal*, 3 (2):1-5.
4. Mokhtar M. El-Baseir and Mosbah A. El-Majri (2016) Preparation and in-vitro evaluation of Witepsol H15-ibuprofen Suppositories containing non-ionic surfactants: the role of surfactant HLB value and concentration. *Misurata Medical Journal*, volume 3,(1).63-68
5. Abdulrhman. A. Akasha, Mokhtar. M. El-Baseir, Rawan. M. Bondog and Sakina. M. Saud (2016) Comparative Physical Studies of Atenolol Brands available in Libyan drug Market. *Innoriginal International Journal of Sciences I Volume 3 I Issue 1* , 1-3
6. Mosbah A. El-Majri and Mokhtar M. El-Baseir (2016) In-Vitro Evaluation of Ibuprofen Release Kinetics from Witepsol Suppositories. *European Journal of Biomedical and Pharmaceutical Sciences Volume 3, Issue 9, 108-113*.
7. Mokhtar M. El-Baseir and Isam Eddinn-A A. Aghrbi. (2013). In-vitro assessments of commercially available paracetamol tablets, *Lib. J. Med. Res* 8(1). 38-41
8. Mokhtar M. El-Baseir and Hanan M. El-Basir (2013) Divisibility of Tablets Using Different Splitter Models, *Int. J. Pharmacy Practice* 21, supp 2, pp107-108
9. Sami G. Alsabri¹, Hanan M. El-Basir, Nouri B. Rmeli, Salah B. Mohamed, Aemen A .Allafi, Abdulmottaleb A. Zetrini¹, Asma A. Salem, Sofian S. Mohamed, Abdul Gbaj and Mokhtar M. El-Baseir (2013). Phytochemical screening, antioxidant, antimicrobial and anti-proliferative activities study of *Arbutus pavarii* plant, *J. Chem. Pharm. Res* 5(1):32-36
10. Abdurrahim A. Elouzi, Fadel Adeid, Mohamed Almegrhe and Mokhtar El-Baseir (2012). Acidic beverage and the bioavailability of theophylline. *J. Chem. Pharm. Res* 4(7): 3454-3459
11. Abdurrahim A. Elouzi, Abdulrhman A. Akasha, Ali M. Elgerbi, Mokhtar. El-Baseir and Bassam A. El Gammudi (2012). Removal of Heavy Metals Contamination By Bio-Surfactants (Rhamnolipids) , *J. Chem. Pharm. Res* 4(9):4337-4341
12. Mokhtar El-Baseir and Hanan El Basir (2012) Evaluation of split tablet of cardiovascular medicines, *Int. J. Pharmacy Practice*, 20, supp 2, pp 46-47.
13. Abdurrauf M. Gusbi, Mahmoud H. Rahima and Mokhtar M. El-Baseir (2010). Post-marketing surveillance of enalapril brands in Libyan market. *Lib. J. Med. Res*, 7, 2: 77-83.
14. El-Baseir, M. M, Williams A. C. and Barry B. W. (2004) Flexibility of phospholipid vesicles containing sodium cholate, Span 80 and Tween 80. *Journal of Pharmacy and Pharmacology* 56, Issue S1 Poster Session 2-Drug Delivery 109, 43-51.
15. El-Baseir, M.M. and Kellaway, I.W. (1998) Poly(L-lactic acid) microspheres for pulmonary drug delivery: release kinetics and aerosolization studies. *Int. J. Pharm* 175, 135-145.
16. El-Baseir MM, Phipps MA, Kellaway IW. (1997) Preparation and subsequent degradation of poly(l-lactic acid) microspheres suitable for aerosolisation: a physico-chemical study. *Int. J. Pharm* 151,145-153.
17. El-Baseir M; Kellaway I.W (1996) Beclomethasone dipropionate poly(L-lactic acid) microspheres - drug release and aerosolisation studies *European Journal of Pharmaceutical Sciences*, Volume 4, Supplement 1, September 1996 , pp. 141-141(1).

Communications (Conference presentations published as supplement or as proceedings):

1. Mokhtar M. El-Baseir and Hanan M. El-Basir Divisibility of Tablets Using Different Splitter Models , RPS Annul conference 8-9 September 2013 Birmingham, UK.
2. The Future for Pharmacy and Public Health, Royal Society of Public Health, 7th November 2012, 28 Portland Place, London, UK.
3. El-Baseir and El-Basir Hanan, Evaluation of Split Tablet for Cardiovascular Medicines, RPS Annul conference 9-10 September 2012 Birmingham, UK.
4. El-Baseir, M, Williams A. C. and Barry B. W. Flexibility of Phospholipid Vesicles Containing Sodium Cholate, Span 80 and Tween 80. Poster Presentation at British Pharmaceutical Conference (BPC) (27-29 September, 2004). Manchester, UK
5. El-Baseir, M, Williams, AC and Barry, B. W. Physicochemical studies of phospholipid vesicles containing sodium cholate, (-) menthol and 1,8-cineole. Poster Presentation at the Skin forum (July, 2003) Newcastle, UK
6. El-Baseir, M and Kellaway, I. W. Bioerodible Microspheres for Pulmonary Delivery: Structure and Degradation Studies, 5th Ukaps Annual Conference (2-4 July1997) York, UK. p. 40.
7. El-Baseir, M and Kellaway, I. W. Beclomethasone dipropionate poly(L-lactic acid) microspheres-drug release and aerosolisation studies. 3rd European Congeress of Pharmaceutical Sciences, (15-17 September, 1996) Edinburgh, UK.
8. EL-Baseir, M and Kellaway, I. W. The in vitro evaluation of nedocromil sodium release from poly(L-lactic acid) microspheres. Ukaps 4rd Annual symposium, (11-13 April 1995). Nottingham, UK. p. 53