

CURRICULUM VITAE

Personal information

Name: Ezeddin Ibrahim Kolaib
Date of birth: 1959
Place of birth: Khoms-Libya
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Postgraduate

October 1992- June 1995

Masters of science, School of pharmaceutical Sciences, University of sciences of Malaysia. Penang, Malaysia.

January 1999 – September 2003

Doctoral training certificate from Ghent University, School of pharmaceutical Sciences, Laboratory of Pharmaceutical Technology. Ghent, Belgium.

January 1999 – 2004

Doctorate certificate from Ghent University, School of pharmaceutical Sciences, Laboratory of Pharmaceutical Technology, Ghent, Belgium

Work experiences

1984 – 1991. A demonstrator at school of pharmacy, Tripoli, Libya.

1995 – 1999. A lecturer assistant at school of pharmacy, Tripoli, Libya.

2004 – now. A lecturer at faculty of pharmacy, Tripoli university, Libya.

2007 – 2012. Dean, faculty of pharmacy, Al-Mergeb university, Libya.

2012 – 2013 Head of the department of industrial pharmacy, faculty of pharmacy, Tripoli university, Libya.

2014 – 2015 Head of the department of post graduate studies, faculty of pharmacy, Tripoli university, Libya.

Patent

US patent 2012 Process and apparatus for continuous wet granulation of powder material.

Publications

Saringat B., Keleb E. I., Ch'ng H. S. – Compaction behaviour of modified tapioca starch – Acta Scientia 7(1)(1997) 55 – 72.

Saringat B., Keleb E. I., Ch'ng H. S. – The study of some mechanical properties of modified tapioca starch – Acta Scientia 7(1)(1997) 35 – 54.

- Keleb E.I., Vermeire A., Vervaet C., Remon J.P. – Cold extrusion as a continuous granulation/tabletting process – *Eur. J. Pharm. Biopharm.* 52(2001) 359-368..
- Keleb E.I., Vermeire A., Vervaet C., Remon J.P. – Continuous twin screw extrusion for the wet granulation of lactose. – *Int. J. Pharm.* 239(2002) 69-80.
- Keleb E.I., Vermeire A., Vervaet C., Remon J.P. – Twin screw granulation as a simple and efficient tool for continuous wet granulation. *Int. J. Pharm.* 273 (2004) 183-194.
- Ameye, D., Keleb, E.I., Vervaet, C., Remon, J.P., Adamas, E., Massart, D.L. (2002). Scaling up of a lactose wet granulation process in MI – Pro high shear mixers. *Eur. J. Pharm. Sci.* 17, 247-251.
- Keleb E.I., Vermeire A., Vervaet C., Remon J.P. - Single step granulation/tabletting of different types of lactose: a comparison with high shear granulation. *Eur. J. Pharm. Biopharm* (accepted)
- Vermeire A., Keleb E.I , Vervaet C., Remon J.P. - Single-step granulation/tabletting results in strong and fast-disintegrating tablets: mechanism. *Eur. J. Pharm. Biopharm* (Accepted)
- Keleb E.I., Vermeire A., Vervaet C., Remon J.P. – Extrusion granulation and high shear granulation of different types of lactose and highly dosed drugs: a comparative study. *Drug. Dev Ind. Pharm.* (accepted).
- Keleb E.I., Vermeire A., Vervaet C., Remon J.P.- Physical stability of tablets: a comparison between single-step granulation/tabletting and compression. *Int. J. Pharm.* (submitted).
- Keleb E.I., Vermeire A., Vervaet C., Remon J.P.- Single step granulation/tabletting of highly dosed drugs: a comparison with high shear granulation. *Drug. Dev Ind. Pharm.* (submitted)
- Keleb E.I., Vermeire A., Vervaet C., Remon J.P. – Twin screw granulation as an efficient wet granulation technique. Influence of filler properties and application to highly dosed drug formulations. (In preparation)
- Nagib E.*, Hesham A. , Elsayed A. 5, Aref Taleb2, Ezzedin K , Suhaila N, Otman E, Nor Zalina O. Production of α -amylase using new strain of *Bacillus polymyxa* isolated from sweet potato *Journal of Pharmacy and Biological Sciences ..* Volume 5, Issue 6 (Mar. – Apr. 2013), PP 73-79 .
- Nagib A. , Eseldin K., Aref M. , Hesham A., Amal , Marwa M. ,Ahmed A., Mohamed S. Face Powder Problems Perception Survey. *International Journal of Pharmaceutical Science Invention.* Volume 2 Issue 6 | June 2013 | PP.09-18
- Nagib A. , Eseldin K, Aref M., Yosef S. , Amal M. , Ahmed A. , Mohamed S, Ali B.. The Relation between Sunscreen and Skin Pathochanges Mini Review. *International Journal of Pharmaceutical Science Invention* Volume 2 Issue 7| July2013 | PP.43-52
- Ezeddin Kolaib and Rakesh Kumar Sharma Nanodispersions Platform for Solubility Improvement. *International Journal of Research in Pharmaceutical and Biomedical Sciences.* Vol. 4 (2) Apr– Jun 2013
- Ezeddin Kolaib, Rakesh Kumar Sharma, Esmail B mosa, Abd-alkadar Z aljahwi. ransdermal Drug Delivery System- Design and Evaluation. *International Journal of Advances in Pharmaceutical Sciences* 1 (2010) 201-211
- Rakesh Kumar Sharma, Ezeddin. I. Kolaib. Preformulation studies a view to develop fast release solid dosage form. *International Journal of Drug Delivery* 2 (2010) 32-36

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- Padmadevi Chellapa, Aref T. Mohamed, Eseldin I. Keleb, Assad Elmahgoubi, Ahmad M. Eid, Yosef S. Issa, Nagib A. Elmarzugi. Nanoemulsion and Nanoemulgel as a Topical Formulation. *IOSR Journal Of Pharmacy.* 5, 10 (2015), PP. 43-47.
- Nagib A. Elmarzugi*, Terin Adali², Ali M. Bentaleb², Eseldin I. Keleb³, Aref T. Mohamed³, Amel M. Hamza. Spectroscopic Characterization of PEG-DNA Biocomplexes by FTIR. *Journal of Applied Pharmaceutical Science* Vol. 4 (08). 2014 pp. 6-10, 2014
- Mohamed Salama¹, Sharifah A. Alshatri¹, Amina Mohamed, Aref T. Mohamed, Eseldin I. Keleb, Assad A. Omar, Nagib A. Elmarzugi. The Relationship between Elasticity of Polymeric Gels and the In vitro Release of Medicaments. *Journal of Pharmacy and Biological Sciences.* 10 (1). 2015. , PP 66-68

presentations

Oral

- Keleb E. I., Saringat B., Ch'ng H. S. – Study of the physical properties of modified tapioca starch and admixture – International conference on the use of traditional medicine and other natural products in health care (1993) Penang, Malaysia.
- Keleb E., Vermeire A., Vervaet C., Remon J.P. Extrusion as a tool for continuous production of granules and tablet. The 6th scientific congress of the association of the pharmacy colleges in the Arab world. Ajman, UAE (2002).
- Keleb E. Influence of processing techniques on the stability of paracetamol tablets. The Fifth national pharmaceutical sciences conference. Benghazi, Libya (2006).
- Keleb E., Awadat, Z. Influence of Processing Parameters on the Reliability of Sieving as Particle Size Distribution Measurements. The sixth national pharmaceutical sciences conference. Misurata, Libya (2007).
- Kolaib E., Aref A. Evaluation of some granulating techniques for the production of effervescent granules. 4th International conference on Biotechnology for the wellness industry (4th ICBWI) KL Malaysia. June 19-20, 2012.
- Kolaib E. Effect of Manufacturing Techniques On The Properties Of Lactose Paracetamol Tablets. 28th Scientific conference of the Arab Pharmaceutical Union. Efran, Maroco. Feb.8-9, 2013.

Poster

- Keleb E., Vermeire A., Vervaet C., Remon J.P. – Continuous wet granulation of lactose using extrusion: influence of binder addition and process parameters on granule properties – *Pharm. Sci.* 15(4), S – 167 (1999).
- Keleb E., Vermeire A., Vervaet C., Remon J.P. – The production of lactose monohydrate tablets via screw extrusion - *Pharm. Sci.* 2(4), S – 1625 (2000).
- Keleb E., Vermeire A., Vervaet C., Remon J.P. – Effect of manufacturing techniques on the properties of lactose paracetamol tablets – *Pharm. Sci.* (2001).
- Keleb E., Ameye D., Vervaet C., Remon J.P. – Scaling - down of lactose wet granulation in MI – Pro high shear mixers – *Pharm. Sci.* (2001).

- Keleb E., Vermeire A., Vervaet C., Remon J.P. – Extrusion granulation and one step granulation/tabletting of different types of lactose – 4th World Meeting on Pharmaceutics, Biopharmaceutics, Pharmaceutical technology, Florence, Italy, 8 – 11 April (2002) 115-116.
- Keleb E., Vermeire A., Vervaet C., Remon J.P. Twin screw extrusion as granulation technique for highly dosed drugs. *Pharm. Sci.* (2002).
- Keleb E., Vermeire A., Vervaet C., Remon J.P. Twin screw extrusion as granulation technique for highly dosed drugs. The Belgian-Dutch Biopharmaceutical Meeting (13 Dec 2002), Louvan, Belgium (2002).
- Keleb E., Vermeire A., Vervaet C., Remon J.P. New MI-PRO laboratory scale high shear mixers for a comparable wet granulation of lactose. The 6th scientific congress of the association of the pharmacy colleges in the Arab world. Ajman, UAE (2002).
- Keleb E., Vermeire A., Vervaet C., Remon J.P. Single step granulation/tabletting results in fast and disintegrating tablets.- *Pharm. Sci.* – (2003)
- Keleb E., Vermeire A., Vervaet C., Remon J.P. Influence of storage conditions on tensile strength of tablets manufactured by conventional granulation/compression and by single step granulation/tabletting. - *Pharm. Sci.* – (2003).
- Keleb E., Vermeire A., Kiekens, F., Vervaet C., Remon J.P. Influence of storage conditions on tensile strength of tablets manufactured by conventional granulation/compression and by single-step granulation/tabletting. *Pharm. Sci* (2003).
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- Keleb E., Vermeire A., Vervaet C., Remon J.P. Twin screw granulation as a simple, efficient and continuous wet granulation technique. - International Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical technology, Germany, 15 – 18 March (2004) 95-96.
- Kolaib, E., El-Kshty S. Factors Behind prescription of pharmaceutical products available in the Libyan market: An evaluation study. The first international pharmaceutical science conference. Faculty of pharmacy, Omar El-Mokhtar University, El-Beida, Libya. Dec. 22-24, 2009.
- Keleb E., Vermeire A., Vervaet C., Remon J.P. Evaluation of the efficiency of continuous twin screw granulation. - International Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical technology, Nuremberg, Germany, 15 – 18 March (2004) 97-98.
- Keleb E., Effect of Tannic acid on the absorption of Aspirin through buccal mucosa. 7th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology. Malta. March, 8-11, 2010.
- Keleb E., Effect of cigarette smoking on the absorption of Aspirin through buccal mucosa. 7th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology. Malta. March, 8-11, 2010.
- Aref A, Kolaib, E. Influence of storage temperature on stability of various tablet formulations available in the Libyan market 4th International conference on Biotechnology for the wellness industry (4th ICBWI) KL Malaysia. June 19-20, 2012.

Conferences and Seminars

1. International conference on the use of traditional medicine and other natural products in health care (1993) Penang, Malaysia
2. AAPS Annual Meeting Indianapolis, USA October 29- May 2, 2000).
3. The Belgian-Dutch Biopharmaceutical Meeting (May 21, 1999), Oss, The Netherlands.
4. The Belgian-Dutch Biopharmaceutical Meeting (May 26, 2000), Loavain, Belgium.
5. The Belgian-Dutch Biopharmaceutical Meeting (2001), Amsterdam, The Netherlands
6. The dissolution seminar. Vankel (June 2001), Bergen op Zoom, Netherlands.
7. AAPS. Annual Meeting Denver CO., USA (October 21-25, 2001) .
8. APGI, 4th World Meeting on Pharmaceutics, Biopharmaceutics, Pharmaceutical Technology, Florence, Italy, (8–11 April 2002).
9. The Belgian-Dutch Biopharmaceutical Meeting (31 May 2002), Leiden, The Netherlands.
10. The 6th scientific congress of the association of the pharmacy colleges in the Arab world. Ajman, UAE (2002).
11. AAPS. Annual Meeting Toronto, Canada (November , 2002) .
12. The Belgian-Dutch Biopharmaceutical Meeting (13 Dec 2002), Louvan, Belgium.
13. Belgian society of pharmaceutical sciences 11th forum, Spa, Belgium (8-9 May 2003).
14. Granulation workshop. Technology training centre, Glatt, Binzin, Germany (24-26 March 2003)
15. Pellets workshop. Technology training centre, Glatt, Binzin, Germany (2-4 December 2003).
16. International Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Nuremberg, Germany, 15 – 18 March (2004) 97-98.
17. The Fifth national pharmaceutical sciences conference. Benghazi, Libya (2005).
18. The 11th scientific congress of the association of the pharmacy colleges in the Arab world. Tripoli, Libya (2007).
19. The 12th scientific congress of the association of the pharmacy colleges in the Arab world. Aleppo, Syria (2008).
20. The 25th scientific conference of Arab pharmaceutical union. Khartoum, Sudan (2005)
21. The Fifth national pharmaceutical sciences conference. Misurata, Libya (2007).
22. The first international pharmaceutical science conference. Faculty of pharmacy, Omar El-Mokhtar University, El-Beida, Libya. Dec. 22-24, 2009.
23. 7th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology. Malta. March, 8-11, 2010.
24. The Jordanian international pharmaceutical conference, Faculty of Pharmacy, Ai-Zaytoonah University of Jordan, Amman, Oct 20-22, 2010.
25. 4th International conference on Biotechnology for the wellness industry (4th ICBWI) KL Malaysia. June 19-20, 2012.