

CURRICULUM VITAE

Name : Bassam Izziddin Amro
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EDUCATION:

1986 – 1989 : Ph.D., Pharmaceutics,
Faculty of Pharmacy, University of Wales,
Cardiff, U.K.
1978 – 1983 : B.Sc. in Pharmaceutical Sciences, University
of Damascus, Syria.
1978 : General Certificate of Secondary Education,
Terra Santa School, Amman – Jordan.

ACADEMIC & ADMINISTRATIVE POSTS:

2002 – 2005 : Vice Dean, Faculty of Pharmacy,
University of Jordan.
1995 – 2002 : Chairman, Dept. of Pharmaceutics
and Pharmaceutical Technology;
Faculty of Pharmacy, University of Jordan.
1991 – 1992 : Chairman, Dept of Pharmaceutics; Faculty
of Pharmacy, University of Jordan.
2003 – 2015 : Associate Professor, Dept. of Pharmaceutics;
Faculty of Pharmacy, University of Jordan.
2005 , 2007 : Visiting Associate Professor,
Faculty of Pharmacy, Amman University.
1989 – 2003 : Assistant Professor, Dept. of Pharmaceutics;
Faculty of Pharmacy, University of Jordan.
1983 – 1986 : Research and Teaching Assistant Faculty of
Pharmacy, University of Jordan.

PROFESSIONAL SOCIETIES:

- Society of Cosmetic Scientists, U.K.
- Jordanian Cosmetic Chemists Society, Jordan.
- Pharmaceutical Association of Jordan (Consultant).

ADDITIONAL EXPERIENCE:

- 1- Teaching Experience. Under graduate courses; Formulation of Cosmetic Products, Dosage Forms Formulation, Industrial Pharmacy and Physical Pharmacy. Postgraduate M.Sc. courses; Formulation and drug delivery systems, Advanced cosmetic Sciences, University of Jordan.
- 2- Bioavailability studies for Jordanian Pharmaceutical Companies. 1989.
- 3- Product Evaluation Studies for Some Jordanian Companies. 1990 – 2003.
- 4- Attending a workshop in Educational Planning, University of Jordan, 1990.
- 5- Attending a workshop in Transdermal Drug Delivery, organized by Arab Company for Drug Industries and Medical appliances & Jordan University of Science and Technology. May 6,1993.
- 6- Organizing a workshop on GMP for Ministry of health and WHO, Amman, Jordan 1993.
- 7- Examiner of M.Sc. students, Faculty of pharmacy, University of Jordan, 1998-2015.
- 8- Attending a workshop in "Tissue Culture", organized by Dep. Of Biopharmaceutical Sciences, Saarland University, Saarbruken, Germany, 23/2-3/3 /2000.
- 9- Research visit to Dep. Of Biopharmaceutical Sciences, Saarland University, Saarbruken, Germany, July-August/2000.
- 10- Coordinator of The 5th Scientific Congress of the Association of the Colleges of Pharmacy in the Arab World & The 2nd International Conference of the Faculty of pharmacy, University of Jordan, October 16-18/ 2001.
- 11- Examiner of PhD students, Faculty of pharmacy, University of Science and Technology, 2004.

ACADEMIC & PROFESSIONAL COMMITTEES MEMBERSHIP:

- 1- Scientific Research Committees, Faculty of Pharmacy, University of Jordan, Amman – Jordan 1989- 2015.
- 2- Scientific Committees, Pharmaceutical Association of Jordan.
- 3- Scientific Committees, Seventh Jordanian Pharmaceutical Conferences, Amman, Jordan, 1994.
- 4- Faculty Council, Faculty of Pharmacy, University of Jordan, Amman, 1990 – 2005.
- 5- University Council, Faculty of Pharmacy, University of Jordan. 1992 , 1996,2001.
- 6- Dept Committees, Faculty of Pharmacy, University of Jordan 1989-2015.

- 7- Cosmetics registration Committee, Ministry of Health, JFDA 1993-2009.
- 8- Committees for Examination of Jordanian Pharmacists Jordanian Pharmaceutical Association.
- 9- Committee for establishment of new Faculty of Pharmacy at the Applied Science University, Amman, Jordan, 1991.
- 10- Head of Scientific Committee, Pharmaceutical Association of Jordan, 1991 – 1993.
- 11- Member of Committee for Drugs registration, Ministry of health, Amman – Jordan, 1993 – 1994.
- 12- Head of Committees for Tech. Collages certificate exams, Ministry of higher education, Amman – Jordan, 1995 – 2001.
- 13- Head and member of Committees for examining M.Sc. students, Faculty of pharmacy, University of Jordan, 1999-2014.
- 14- Editor of two and contributor of four books "Cosmetic professional sciences and practical training for secondary professional schools" 1995, 96 editions, published by Ministry of Education.
- 15- Member of Consultants Committee, Pharmaceutical Association of Jordan, 2002- .
- 16- Faculty Council member, Faculty of Graduated Studies, University of Jordan, Amman, 2002 – 2005 .
- 17- Coordinator and member of Graduated Studies Committee, Faculty of pharmacy, University of Jordan, 1998-2005.
- 18- Coordinator and member of Faculties of Pharmacy Accreditation Committee, Ministry of Higher education, 2004-2011.
- 19- Member of Supreme Committee of the Strategic Plan of the UJ. 2011.
- 20- Coordinator of Cosmetics Committee, Jordan Standards and Metrology Organization, 1997-2015.

M.Sc STUDENTS SUPERVISION

1. Supervisor of M.Sc. thesis entitled "The use of glycerylbehenate and hydroxypropylmethylcellulose in extended release matrix tablet formulation", Submitted at April, 1999.
2. Supervisor of M.Sc. thesis entitled "Controlled release formulations based on chitosan – alginate mixtures", Submitted at December, 1999.
3. Supervisor of M.Sc. thesis entitled "Factors influencing chitosan fat binding", Submitted at December, 1999.
4. Supervisor of M.Sc. thesis entitled "Formulation variables affecting polymorphic transition of Mefaninic acid in suspensions. Submitted at April, 2001.
5. Supervisor of M.Sc. thesis entitled "Impact of Microwave Processing on Properties of Solid Dosage Drug Delivery Systems", Submitted at June, 2002.
6. Supervisor of M.Sc. thesis entitled "The effect of the HLB Value of surfactants in the inclusion into the Beta-Cyclodextrin cavity", Submitted at August, 2004.
7. Supervisor of M.Sc. thesis entitled "Casein as a Film Former", Submitted at May, 2005.
8. Supervisor of M.Sc. thesis entitled "Studying the skin whitening effect of Arbutus andrachne L. extract", Submitted at July, 2005.

9. Supervisor of M.Sc. thesis entitled " Dyeing hair with Hibiscus sabdarifa L. extract", Submitted at July, 2005.
10. Supervisor of M.Sc. thesis entitled " Preparation and evaluation of Glimepride rapidly disintegrating tablets", Submitted at July, 2006.
11. Supervisor of M.Sc. thesis entitled " The influence of humectant type and content on moisturizer's efficacy: A bioengineering approach", Submitted at January, 2012.

TITLE OF Ph. D. THESIS

Dyeing With Henna and Related Material (natural products chemistry and formulation)

RESEARCH INTEREST

- Controlled release formulations based on natural and semi-synthetic excipients.
- Natural products chemistry and their applications in pharmaceutical and cosmetic products.

PRESENTATIONS:

- 1- Improvement of Glibenclamide Solubility and Dissolution Using Polymeric Matrices. The Jordanian Pharmaceutical Conference, Feb., 1992.
- 2- Possible Interaction of Famotidine with Antacids. The Jordanian Pharmaceutical Conference, Feb. 1992.
- 3- Saket, M., Qaisi, A., Abdel Razzak, B., Amro, M., Tutunji, M., Analysis of Doxycycline in Plasma using high performance liquid chromatography. Seventh Jordanian Pharmaceutical Conference, May 1994.
- 4- A.S. Salhab, M.N. Gharaibeh, M.S. Shomaf and B.E. Amer. Meloxicam Inhibits Rabbit Ovulation. FASEB, Experimental Biology 2001, Orlando, Florida, March 31- April 4, 2001.
- 5- Enas I Hasan, Bassam I Amro, Tawfiq Arafat and Adnan A. Badwan. Assessment of a Sustained Release Hydrophilic Matrix Formulation for Metoclopramide HCl. 24th Scientific Congress of Arabic pharmacists, 15-17 April, 2001.
- 6- B. Amro, T. Aburjai, S. Al-Khalil. Antioxidative Activity of Olive Cake Extracts. 24th Scientific Congress of Arabic pharmacists, 15-17 April, 2001.
- 7- C. Ehrhardt, B. Amro, C Kneuer, U.F. Schafer, K.J. Kim and C.M. Lehr. Characterisation of the Bronchial Epithelial Cell Line 16HBE14o- as an In Vitro Model For Drug Absorption : Expression of P-Glycoprotein, LRP-56 and Caveolin-1. The 28th International Symposium on Controlled Release of Bioactive Materials. San Diego, California, June 23-27, 2001.

PUBLICATIONS:

- 1- Ali Qaisi, Maha Tutunji, Munib Saket, Majed Abdel Razzak, Bassam Amro and Hassan Muti. Analysis of Doxycycline in Plasma using high performance liquid chromatography.
Alex. J. Pharm. Sci., Vol. 7 (2), June 1993.
- 2- Saket, M.M., Qaisi, A., Abdel Razzak, M., Amro, B., Tutunji M., Gharaibeh M., Zmeili S. and Muti H.. A Bioequivalence study of two brands of Doxycycline capsules.
Current Therapeutic Research, Vol. 54 No. 1 July 1993.
- 3- B.I. Amro, K.C. James, and T.D. Turner, A quantitative study of dyeing with lawsone. J. Soc. Cosmet. Chem., 45, 159 – 165 (May \ June 1994).
- 4- Suheil Zmeili, Munib Saket, Ali Qaisi, Munir Gharaibeh, Bassam Amro, Maha Tutunji, Majed Abdel Razzak, and Hassan Muti, A Comparative single-Dose Bioequivalence study of two brands of Glipizide.
Current Therapeutic Research, Vol. 56 No. 1 January 1995.
- 5- Adi Arida, Bassam Amro, Madi Jaghbir, Malek ElAlem, Rebal Sabri and Rula AbuZeid. Development of Sustained-Release Ibuprofen Microspheres Using Solvent Evaporation Technique.
Arch. Pharm. Med. Chem.332,405-407, 1999.
- 6- Adi I. Arida and Bassam I. Amro. Implementation of Heckel Plots on Tablets Made with Directly Compressible Excipients.
J.J.Appl. Sci. 1(1), 71-92, 1999.
- 7- T. Aburjai, B.I.Amro, S. Al-Khalil and A. Alkofahi. Bioactive Triterpenes from Arbutus andrachne.
Alex.J.Pharm.Sci., Vol. 13(2), 115, Sept., 1999.
- 8- Bassam Amro, Nidal Al-Douri, and Suleiman Al-Khalil. Pterocarpanes from the roots of Ononis natrix.
Bull. Fac. Pharm. Cairo Univ., Vol. 37 No.1, 1999.
- 9- Bassam I. Amro, Khalid H. Nasht, Majid A. Razzak, Ali M. Qaisi and Munib M. Saket. Approach to the Assessment of Uptake Kinetics of ^{99m}Tc-Labeled Liver Scanning Agents.
Alex.J.Pharm.Sci., Vol. 14(1), 7, March, 2000.
- 10- M.O. Taha, K.M. Aiedeh and B. Amro. Investigation of the suitability of chitosan-triethyleneglycolphthalate as a matrix in prolonged-release, potentially orally administered, chlorphen-iramine maleate granules.
S.T.P. PHARMA SCIENCES, Vol. 10 (5) 395-400, 2000.

- 11- T. Aburjai, B. I. Amro, K. Aiedeh and S. Al-Khalil. Second derivative ultraviolet spectrophotometry and HPTLC for the simultaneous determination of vitamin C and dipyrone. *Pharmazie*, Vol. 55 10, 2000.
- 12- T. Aburjai, B. Amro, S. Al-Khalil and D. Al-Eisawi. The chemical constituents of *Iris petrana*. *Acta Technologiae et Legis Medicamenti*, Vol. XI, N.3, 2000.
- 13- B. Amro, K.M. Aiedeh and M.O. Taha, Evaluation of chitosan-triethyleneglycol-phthalate as a potential matrix for chlorpheniramine maleate controlled-release oral tablets. *Acta Technologiae et Legis Medicamenti*, Vol. 12(3) 239-252, 2001.
- 14- Bassam Amro, Ibrahim Jalal and Raslan Kittaneh. The use of glycerylbehenate and hydroxypropylmethylcellulose in extended release matrix tablet formulation. *Dirasat, Medical and Biological Sciences*, Vol. 28 1 , 2001.
- 15- A.S. Salhab, M.N. Gharaibeh, M.S. Shomaf, B.I. Amro. Meloxicam Inhibits Rabbit Ovulation. *Contraception*, Vol. 63 329-333, 2001.
- 16- B. Amro, T. Aburjai and S. Al-Khalil. Antioxidative and radical scavenging effects of olive cake extract. *Fitoterapia* Vol. 173 456 , 2002.
- 17- Enas I. Hasan, Bassam I. Amro, Tawfiq Arafat, Adnan A. Badwan. Assessment of a controlled release hydrophilic matrix formulation for metoclopramide HCl. *European Journal of Pharmaceutics and Biopharmaceutics*, Vol. 55 339, 2003.
- 18- A.S. Salhab, B.I. Amro, M.S. Shomaf. Further investigation on meloxicam contraceptiveity in female rabbits: luteinizing unruptured follicles, a microscopic evidence. *Contraception*. Vol. 67, 5, 485, 2003.
- 19 - Osama Abu Diak, Dr A Bani-Jaber, Dr B Amro, Jones D, Andrews GP "The Manufacture and Characterisation of Casein Films as Novel Tablet-Coatings", *Food and Bioproducts Processing*, 85, 284-290, 2007.
- 20- R. A. Issa, F. U. Afifi and B. I. Amro, "Studying the Antityrosinase Effect of *Arbutus andrachne* L. Extracts", *Int. J. of Cosmetic Science*, 30. 271-276, 2008.

- 21- Bassam I. Amro "A Quantitative Study of the Effect of pH on the Dying Process with Juglone", *Jordan Journal of Pharmaceutical Sciences*, 2, 105-110, 2008.
- 22- Adel M. Aly, Bassam I. Amro and Feras D. El Hajji", Preparation and Evaluation of Rapidly Disintegrating Glimepiride Tablets" , *International Journal of Pharmaceutical Sciences and Nanotechnology*, 3, 4, 2011.
- 23- Lidia Al-Halaseh, Bassam Amro, Fatma Affifi, " Dyeing hair with Hibiscus sabidarifa L. Extract and Studying Different Variables Affecting the Dyeing Process", *Az. J. Pharm. Sci.*, 43, 16-26, March, 2011.
- 24- *Saja H. Hamed, Saleh Al-Asaf, Bassam Amro*, Innovative Non-Invasive Techniques in Skin Pharmaceutics as Valid Complements in Cosmetic Dermatology Practice, *Jordan Journal of Pharmaceutical Sciences*, 4, 3 2012.
- 25- Bassam I. Amro, Randa N. Haddadin, Khaled Tawaha, Mohammad Mohammad, Sundus Mashallah and Areej M. Assaf, "*In vitro* antimicrobial and anti-inflammatory activity of Jordanian plant extracts: A potential target therapy for *Acne vulgaris*", *African Journal of Pharmacy and Pharmacology* Vol. 7(29), pp. 2087-2099, 8 August, 2013.

BOOKS

- 1- Cosmetic professional sciences for 1st secondary professional class, 1995 edition, published by Ministry of Education- Jordan.
- 2- Cosmetic professional sciences for 2nd secondary professional class, 1996 edition, published by Ministry of Education- Jordan.
- 3- Cosmetic practical training for 1st secondary professional class, 1995 edition, published by Ministry of Education- Jordan.
- 4- Cosmetic practical training for 2nd secondary professional class, 1996 edition, published by Ministry of Education- Jordan.

PATENTS

- 1- Adnan Badwan, Bassam Amro and Hala Nazzal. "Use of a chitosan solution for entrapping oil and/or fat". European Pat. Appl., No. EP 1226810, 7.2002.
 - 2- Adnan Badwan, Enass Hassan and Bassam Amro. "Pharmaceutical composition with metoclopramide and process for its preparation". European Pat. Appl., No. 04008388.3, 07.04.2004.
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