

Curriculum Vitae

Name: Hammady

First name: Taha

Date of birth: 31 October 1967.

Place of birth: Alexandria – Egypt.

Marital status: Married – three kids.

Work address: faculty of pharmacy, Suez-Canal University – Ismailiyah - Postal Code: 41522, Egypt.

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Scholarship

May 2016 : Chiropractic doctor– University of Québec à Trois-Rivières.

June 2016: Canadian chiropractic board certificate # 11812.

September 2011 to 30 April 2016 : UQTR student– doctor of chiropractic program.

September 2001 to 9 December 2008: Ph.D. of pharmaceutical sciences, pharmaceutical technology option, University of Montréal. Thesis title: “Anti-angiogenic treatment using bio adhesive nanospheres”.

February 1995 – December 1999: Master degree (M.Sc.) of pharmaceutical sciences – pharmaceuticals - faculty of Pharmacy– Suez-Canal University. Thesis title: Improvement of drug performance by the use of some additives.

September 1985 – June 1990: B.Sc. of pharmacy, faculty of pharmacy – Alexandria University.

September 1971 – June 1985: primary, preparatory and secondary scholarship at Collège saint – Marc, Alexandria, Franco-Egyptian education, Secondary studies certificate in 1985.

Professional Experience

January 2010 – present: Lecturer, faculty de pharmacy, Suez-Canal University.

July 2016 – present: Certified doctor of chiropractic – permit to practice N^o: 16-2106 (Order of chiropractors of Quebec).

May 2004 – February 2010: Research assistant at professor Patrice Hildgen Lab., faculty of pharmacy, University of Montréal.

January 2003 – April 2007: Teaching assistant (undergraduate students teaching) PHM 1232, faculty of pharmacy, University of Montréal.

September 2002 – December 2002: Teaching assistant PHM 4133, faculty of pharmacy, University of Montréal.

January 2000 – August 2001: lecturer-assistant, pharmaceutics department, faculty of pharmacy Suez-Canal University.

September 1994 – January 2000: demonstrator, pharmaceutics department, faculty of pharmacy Suez-Canal University.

October 1993 – September 1994: Pharmacist, production sector, Alexandria Company for pharmaceuticals and chemical industries.

October 1994 – august 2001: Biochemical Analyst, Shutz clinical Lab. Alexandria, Egypt.

April 1992 – January 1993: Pharmacist, research and quality control sector, Alexandria Company for pharmaceuticals and chemical industries.

February 1991 – march 1992: Military service, marine forces of the Egyptian army.

July 1990 – August 2001: community pharmacist – Alexandria, Egypt.

Research work

Publications.

- 1- Ghorab M., Nada A.H., Hammady T., The use of some additives for the improvement of griseofulvin performance.. Bull. Fac. Pharm. Cairo University; Vol38, number1: 63-71(2000).
- 2- Ghorab M, Nada AH, Ghorab MM, Hammady TH., Comparative study of some additives for the improvement of terfenadine performance. Pharmazie. 2002 Nov; 57(11): 772-3.
- 3- Hammady T, Nadeau V, Hildgen P., Microemulsion and diafiltration approaches: an attempt to maximize the global yield of DNA-loaded nanospheres., Eur J Pharm Biopharm. 2006 Feb; 62(2):143-54.
- 4- Hammady T, A. El-Gindy, E. Lejmi, P. Moreau, R. Singh, and Hildgen P., drug models. 2008. Int. Journal of Pharmaceutics, (In Press) accepted on 28th October 2008.
- 5- Dhanikula RS, Hammady T, Hildgen P. On the mechanism and dynamics of uptake and permeation of polyether-co-polyester dendrimers across an in vitro blood brain barrier model. 2008. Journal of Pharmaceutical Sciences. 2009 Oct;98(10):3748-60.
- 6- Hammady T., Rabanel J.M., Dhanikula R.S., Leclair G., Hildgen P., Functionalized nanospheres loaded with anti-angiogenic drugs: Cellular uptake and angiostatic efficacy. Eur J Pharm Biopharm. 2009; 72 (2): 418-427.
- 7- Shewaiter M. A., Hammady T.M., El-Gindy A., Hammadi S.H., Gad S., Formulation and characterization of leflunomide/diclofenac sodium microemulsion base-gel for the transdermal treatment of inflammatory joint diseases. Journal of Drug Delivery Science and Technology (2021; 61:102110. DOI: 10.1016/j.jddst.2020.102110
- 8- Kaoud R., Heikal E. J., Hammady T.M., Diacerein-loaded niosomes (DC-NS): A new technique to sustain the release of drug action. International journal of applied pharmaceutics. 2022 January; 14 (1): DOI: 10.22159/ijap.2022v14i1.43353
- 9- Mousa I.A., Hammady T.M., Gad S., Zaitone S.A., El-Sherbimy M., Sayed O.M., Formulation and Characterization of Metformin-Loaded Ethosomes for Topical Application to Experimentally Induced Skin Cancer in Mice. Pharmaceutics. 2022 May 25;15(6):657. DOI: 10.3390/ph15060657.
- 10- Zaky M.F., Megahed, M.A., Hammady T.M., Gad, S., Ghorab M.M., El_Say K.M., Tailoring Apixaban in nanostructured lipid carrier enhancing its oral bioavailability and anticoagulant activity. Pharmaceutics, 2022; 15(1); 80. DOI: 10.3390/pharmaceutics15010080.
- 11- - Kaoud R., Heikal E. J., Hammady T.M., Using Bentonite hydrogel for preparation of diclofenac sodium and Ibuprofen sustained release tablets, Journal of advanced healthcare research. 2023; 7(1):109-117.

12- Heikal E. J., Kaoud R., Gad S., Mokhtar H.I., Alattar A., AlShaman R., Zaitone S.A., Moustafa Y.M., Hammady T.M., Development of novel pH-Sensitive Eudragit coated beads containing Curcumin-Mesalamine combination for colon-specific drug delivery. *Gels*. 2023; 9: 264. DOI: 10.3390/gels9040264.

13- Zaky M.F., Hammady T.M., Gad, S., Alattar A., Alshaman R., Hegazy A., Zaitone S.A., Ghorab M.M., Megahed, M.A., Influence of Surface modification via PEGylation or Chitosanization of lipidic nanocarriers on *in vivo* pharmacokinetic/pharmacodynamic profiles of Apixaban. *Pharmaceutics*. 2023; 15(6):1668. DOI: 10.3390/pharmaceutics15061668.

13- Heikal E. J., Kaoud R., Gad S., Mokhtar H.I., Aldahish A., Alzilaiq W.A., R., Zaitone S.A., Moustafa Y.M., Hammady T.M., Design and Optimization of Omeprazole-Curcumin-Loaded Hydrogel Beads Coated with Chitosan for Treating Peptic Ulcers. *Pharmaceutics*. 2023; 16(6):795. DOI: 10.3390/ph16060795

Published abstracts:

1- Ghorab M, Ghorab MM, Hammady T. Preparation, characterization and evaluation of terfenadine-cyclodextrin complexes for improved oral drug delivery.. AAPS 2000 Annual Meeting, Session 97: Basic Pharmaceutics II, presentation No: 3305.

2- Hammady T, Sant S, Hildgen P. Microemulsion and diafiltration approaches: an attempt to maximize the global yield of DNA loaded nanospheres. 30th Annual meeting of Controlled Release Society, July 19-23, 2003, Glasgow, Scotland, UK. Presentation N^o: 582

3- Hammady T, El-Gindy A, Hildgen P. Second derivative spectrophotometry for simultaneous determination of DNA and all-trans retinoic acid in PLA nanospheres. ASPS 6th annual symposium, Montréal, Canada, May 2003, JPPS, p. 45.

4- Lejmi E, Hammady T, Hildgen, P. Development of an experimental method to test the anti-angiogenic activity of nanoparticles encapsulating antiangiogenic agent *in vitro.*, AAPS 2004 Annual Meeting. Session Cancer, cardiovascular, metabolic disorder and other therapeutics. Poster # T2062

5- Hammady T, El-Gindy A., Lejmi E, Moreau P, Singh R, Hildgen P. Characterization and Assessment of Biological Activity of Nanospheres Loaded with All Trans Retinoic Acid and DNA. AAPS 2005 Annual Meeting, Session: Drug delivery (dosage forms), Poster # W4188.

6- Dhanikula RS, Hammady T, Hildgen P, Rabanel JM. Influence of Surface Functional Groups, Generation and Molecular Weight on the Cytotoxicity and Hemolytic Potential of Novel Dendritic Nano carriers. AAPS 2005 Annual Meeting, Session: Drug delivery (dosage forms), Poster # W4160.

Membership

- 1- Order of chiropractors of Quebec.
- 2- Quebec Chiropractors Association.
- 3- Fellowship of Canadian Chiropractic Association (CCA).
- 4- General Egyptian Pharmacists Syndicate.
- 5- Egyptian Society of the Red Crescent– Alexandria.
- 6- French language study center (CELF) Ismailia – Egypt between 1999 -2001.

Languages

Arabic: native language.

French: DELF 1^{er} degré (A1, A2, A3, A4), 2^{ème} degré (A6 expression spécialisée), ETS

English: (international TOEFL, score :101/120 written in Montréal , le 20/09/2008.

Spanish: beginner.

Scholarships

- Ph.D. scholarship offered of the Canadian International Development Agency.
- Thesis writing scholarship– University of Montréal.
- Research scholarship- Univaleur project, University of Montréal
- Canadian Chiropractic Research Chair – pain physiology research scholarship.

References.

- Professor Dr Mamdouh Ghorab, Rector of the Suez-Canal University, Ismailiyah, Egypt.
- Dr Patrice Hildgen, professor – faculty of Pharmacy, University of Montréal.
- Dr Joe Lemire, professor and director of the university chiropractic clinic - University of Quebec a Trois-Rivieres.
- Dre Danica Brousseau, director of the doctor of chiropractic program - University of Quebec a Trois-Rivieres.
- Dr Djamel Ramla. professor of Pathology – Chiropractic department - University of Quebec a Trois-Rivieres.

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