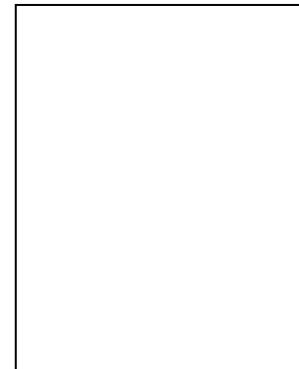




Curriculum Vitae



I- Personal information:

- | | |
|-----------------------------------|---|
| 1) Full Name: | ▪ Nagia Nagib Afifi |
| 2) Title: | ▪ Professor of Pharmaceutics and industrial pharmacy
Department- O6U |
| 3) Nationality: | ▪ Egyptian |
| 4) Date of birth: | ▪ March 10,1956 |
| 5) Place of birth: | ▪ Dokki, Giza |
| 6) Marital status: | ▪ Married |
| 7) Address: | ▪ Faculty of Pharmacy, October 6 University |
| 8) E-Mail: | ▪ drnna103@gmail.com |
| 9) H-Index (according to Scopus): | ▪ 8 |
| 10) Website: | ▪ |
| 11) ORCID: | ▪ 0009-0002-6458-4896 |
| 12) Scopus author ID: | ▪ |

II- Education:

- Ph.D. in Pharmaceutical Sciences (Pharmaceutics, Cairo University, 1991)
- Ph.D. Thesis: "Formulation and Biopharmaceutical Evaluation of Some Vasodilators."



- Master Degree in Pharmaceutical Sciences (pharmaceutics department, Cairo University , 1983)
- M.Sc. Thesis: “Formulation of A Sustained Release Anti-inflammatory Drug”
- B. Pharm. Sci. (Faculty of Pharmacy, Cairo University, 1987) Very Good Degree with honor.

III- Professional occupations:

- 1978:** Demonstrator, Pharmaceutics Department, Faculty of Pharmacy, Cairo University.
- 1983:** Assistant Lecturer, Pharmaceutics Department, Faculty of Pharmacy, Cairo University.
- 1991:** Lecturer, Pharmaceutics Department, Faculty of Pharmacy, Cairo University.
- 1999:** Associate Professor, Pharmaceutics Department, Faculty of Pharmacy, Cairo University.
- 2005 :** Professor, Pharmaceutics Department, Faculty of Pharmacy, Cairo University.

IV- Experience:

a) Teaching experience:

- Sept. 2015-2017: Faculty of Pharmacy, Cairo University. Teaching Physical Pharmacy (Course Organizer) for first year Students.
- Sept. 2006- 2015:** Faculty of Pharmacy and Biotechnology, German University in Cairo (GUC). Head of Dept. during 2011-2015. Teaching for 9 years the following courses (course organizer):
Biopharmaceutics and Pharmacokinetics for 5th Semester
Pharmaceutical Technology I for 7th Semester
Pharmaceutical Technology II for 8th Semester
Legislation of Pharmacy Law for 10th Semester
History of Pharmacy and Biotechnology for 2nd Semester
- Sept. 2005-2006:** Faculty of Pharmacy, 6th of October University. Teaching for one whole year. Courses given:
Physical Pharmacy to first year students, Pharmaceutical Formulation to second year students, Industrial Pharmacy to fourth year students, History of Pharmacy to first year students, and Pharmaceutical Legislation to fifth year students.
- Feb-May 2005:** Faculty of Pharmacy, 6th of October University: Delivering a course on Clinical Pharmacokinetics to fifth year students.
- 2000 :** Misr University for Sciences and Technology (MUST): Teaching a course on Drug Design and Production.
- 1978-2005:** Faculty of Pharmacy, Cairo University;



- Delivering theoretical lectures and supervising practical courses in the subject of Pharmaceutics.
- Participating in the writing and development of the theoretical notes that represent the material taught to the second year students, including “Transdermal Drug Delivery” and “Bioadhesive Drug Delivery”
- Teaching both theoretical and practical courses for the hospital pharmacy diploma students. (Subject of Pharmaceutical Formulation).

b) Research experience and list of publications:

- 1- Dissolution Profile of Indomethacin from its Various Solid Dispersions.
M.M. Ghorab, F.F. Mansour and N.N. Afifi
J. Egypt. Pharm. Sci.: 28(1-4), 339-344(1987).
- 2- Release Characteristics of Indomethacin from its Pellets Coated with Various Release Retardants.
M.M. Ghorab, F.F. Mansour and N.N. Afifi
J. Egypt. Pharm. Sci.: 28(1-4), 345-352(1987).
- 3- Bioavailability of Indomethacin from Different Controlled Release Capsule Formulations.
M.M. Ghorab, F.F. Mansour and N.N. Afifi
J. Egypt. Pharm. Sci.: 28(1-4), 353-360(1987).
- 4- In Vitro and In Vivo Evaluation of Cinnarizine Solid Dispersion.
M.M. Ghorab, H.A. Mahmoud and N.N. Afifi
Proceedings of XXII Conference of Pharmaceutical Sciences Of the Egyptian Pharmaceutical Society 17-19 Dec. (1991).
- 5- Preparation and Biopharmaceutical Evaluation of Khellin Coprecipitates.
M.M. Ghorab, H.A. Mahmoud and N.N. Afifi
Proceedings of XXII Conference of Pharmaceutical Sciences Of the Egyptian Pharmaceutical Society 17-19 Dec. (1991).
- 6- The Application of Experimental Designs in Studying the Availability of Griseofulvin from Tablet Dosage Forms
A. Abd Elbary, M.A. Kassem, S.A. Elkheshen, L.E. Riad, N. N. Afifi
Bull. Fac. Pharm. Cairo Univ.: Vol. 34 (2), 161-167 (1996)
- 7- Application of Factorial Design in Terfenadine Formulation
N. N. AFIFI and A. FARGHALY
Az. J. Pharm. Sci.: 20, 45-51 (1997).
- 8- Effect Of Some Physiological Changes on the Binding of Tenoxicam to Human Serum Albumin
N. N. Afifi (Single Author)
Bull. Fac. Pharm. Cairo Univ.: Vol. 36 (2), 19-26 (1998)
- 9- Formulation and Pharmaceutical Evaluation of Sulindac Suspensions.
M.M. Ghorab, N.N. Afifi and A.M. Makky



- Bull. Fac. Pharm. Cairo Univ.: Vol. 36 (3), 107-124 (1998)
- 10- Further Evaluation of Certain Sulindac Suspensions.
M.M. Ghorab, N.N. Afifi, A.M. Makky and H. Abdel-Latif
Bull. Fac. Pharm. Cairo Univ.: Vol. 36 (3), 125-133 (1998)
- 11- Using Difference Spectrophotometry to Study the Influence of
Different Ions and Buffer Systems on Drug Protein Binding
N. N. Afifi (Single Author)
Drug Development and Industrial Pharmacy , 25 (6), 735-743 (1999)
- 12- Comparative Dissolution Study of Drugs Using Protein
Hydrolysates
N. A. Abd El Gawad , N. N. Afifi and N. D. Mortada
J. Drug Res. Egypt: 22, 1-7 (1998)
- 13- INTRODUCING A BIOADHESIVE VAGINAL TABLET
FORMULATION AS A NEW DOSAGE FORM OF OFLOXACIN
AFIFI. N.N. AND EL-HOUDAIBY, K.M.
Egypt. J. Biomed. Sci.: 16(Nov.), 413-435 (2004) (Single Author)
- 14- A PHARMACOECONOMIC STUDY ON AZITHROMYCIN
CAPSULES
AFIFI. N.N., MAHER M.M. AND SELEIGHT, A.M.
Egypt. J. Biomed. Sci.: 16(Nov.), 381-398 (2004) (Single Author)
- 15- FORMULATION AND EVALUATION OF SUSTAINED
RELEASE FLOATING CAPSULES OF NICARDIPINE
HYDROCHLORIDE
N.M. MOURSY, N.N. AFIFI, D.M. GHORAB AND Y. EL-
SAHARTY
Pharmazie: 58, 38-43 (2003)
- 16- FORMULATION AND EVALUATION OF SULINDAC
CAPSULES
M.M. GHORAB, N.N. AFIFI, A.M. MAKKY and H. ABDEL-LATIF
J. Drug Res. Egypt: 23, 91-104 (2000)
- 17- IN-VITRO AVAILABILITY AND ANALGESIC ACTIVITY
OF MARKETED LOCAL AND IMPORTED PARACETAMOL
TABLETS IN COMPARISON TO AN INTRODUCED FORMULA
AFIFI. N.N. AND MAHDY, A.
Egypt. J. Biomed. Sci.: 16(Nov.), 451-464 (2004) (Single Author)
- 18- IMPROVING BIOAVAILABILITY OF FUROSEMIDE BY
CONTROLLED RELEASE FLOATING GRANULES IN CAPSULE
FORMULATION N.M. MOURSY, N.N. AFIFI, D.M. GHORAB
AND Y. EL-SAHARTY Bull. Fac. Pharm. Cairo Univ.: 41 (3), 83-97
(2003)
- 19- FORMULATION AND EVALUATION OF ECONAZOLE
NITRATE EMULGELS
SAMIA A. NOUR, SAMIA SHALABY, NAGIA N. AFIFY, SAAID
ABD EL-AAL AND MARY KAMAL J. Drug Res. Egypt: 24 (1-2),
63-71 (2002)



- 20- A STUDY ON THE ENHANCEMENT OF NICARDIPINE HYDROCHLORIDE DISSOLUTION AT INTESTINAL pH
N.M. MOURSY, N.N. AFIFI AND D.M. GHORAB
J. Drug Res. Egypt: 24 (1-2), 21-28 (2002)
- 21- INCREASING BIOAVAILABILITY OF SILYMARIN USING BUCCAL LIPOSOMAL DELIVERY SYSTEM: PREPARATION INVESTIGATION AND EXPERIMENTAL DESIGN
M.S EL SAMALIGI, N.N. AFFIFI AND E.A. MAHMOUD
INTERNATIONAL JOURNAL OF PHARMACEUTICS: 308, 140-148 (2006)
- 22- EVALUATION OF HYBRID LIPOSOMES-ENCAPSULATED SILYMARIN REGARDING PHYSICAL STABILITY AND IN-VIVO PERFORMANCE
M.S EL SAMALIGI, N.N. AFFIFI AND E.A. MAHMOUD
INTERNATIONAL JOURNAL OF PHARMACEUTICS: 319, 121-129 (2006)
- 23- Cefepime Compatibility
Christianne M. Zaki, Nagia N. Afifi, Manal M.M. Hussein and Hanaa Abdel Moneim Canadian Journal of Hospital Pharmac (CJHP) : 60(5),338-339 (2007).
- 24- Study of the Effect of Intestinal First-Pass and P-Glycoprotein Efflux Problems Affecting Methoxsalen Kassem, M.A.; Afifi,N.N. and El-Mashad, A.N. Az. J.Pharm.Sci.: 35, 66-79 (2007).
- 25- A Study of the Physical, Chemical and Therapeutic Incompatibilities of the Admixtures of Intravenous Cephadrine with Selected Drugs Christianne M. Zaki, Nagia N. Afifi, Manal M.M. Hussein and Hanaa Abdel Moneim Hospital Pharmacist: 15,339-45 (2008)
- 26- Cefepime Stability in IV Solutions and Admixtures
Christianne M. Zaki, Nagia N. Afifi and Hanaa Abdel Moneim Canadian Journal of Hospital Pharmacy (CJHP) : 61(5),356 (2008).
- 27- Application of Biodegradable Nanoparticles in Liver Targeting of Tacrolimus
Nagia N. Afifi, Ola A. Heikal, Rasha S. Hanafi and Salma N. Tamman Biology, Nanotechnology, Toxicology, and Applications: AIP Conference Proc. 1326, 120-127(2011).



- 28- Preparation and Biopharmaceutical Evaluation of Tacrolimus Loaded Biodegradable Nanoparticles for Liver Targeting
S.N. Tammam, S. Mathur and N.N. Afifi
Journal of Biomedical Nanotechnology 8(3),439-449(2012).
- 29- BIOADHESIVE BUCCAL DISCS OF FLUVASTATIN SODIUM
Assaedi N, Afifi N. and Awad G.
Al-Azhar Journal of Pharmaceutical Sciences 51(1), 134-51 (2015).
- 30- Colonic Delivery of a Systemic Cephalosporin
Hala Masoud el Saadawi, Mona Hassan Aboul-Einien, and Nagia Nagib Afifi
Research Journal of Pharmaceutical, Biological and Chemical Sciences 7(6), 1906-1914 (2016).
- 31- Liposomal delivery of ferrous chlorophyllin: A novel third generation photosensitizer for in vitro PDT of melanoma
Iman Gomaas, Aya Sebak, Nagia Afifi and Mahmoud Abdel-Kader
Photodiagnosis and Photodynamic Therapy 18, 162–170 (2017).
- 32- Dermal delivery of Fe-chlorophyllin via ultradeformable nanovesicles for photodynamic therapy in melanoma animal model
Mai Rady, Iman Gomaas, Nagia Afifi, Mahmoud Abdel-Kader
International Journal of Pharmaceutics 548, 480–490 (2018).
- 33- Preparation of PLGA-chitosan based nanocarriers for enhancing antibacterial effect of ciprofloxacin in root canal infection
Mona G. Arafa, Hadeel A. Mousa and Nagia N. Afifi
Drug Delivery 27(1), 26-39 (2020).
- 34- Functionalized surface of PLGA nanoparticles in thermosensitive gel to enhance the efficacy of antibiotics against antibiotic resistant infections in endodontics: A randomized clinical trial
Mona G. Arafa, Hadeel A. Mousa, Mohamed M. Kataia , Shehabeldin M. and Nagia N. Afifi
International Journal of Pharmaceutics X, 6 (2023) 100219.

Patent researches:

- Acceptance of request for patent right No. 2000010007 in reference to the subject of “Formulation and Evaluation of Sustained Release Floating Capsules of Nicardipine Hydrochloride” registered at the LIVERY

Bureau of Patent Rights, Technological Development and Scientific Services Sector, at the Academy of Scientific Research and Technology.



c) Training and Attendance of conferences :

- Acceptance of request for patent right No. 2002111259 in reference to the subject of “Formulation and Evaluation of Floating Capsules of Furosemide” registered at the Bureau of Patent Rights, Technological Development and Scientific Services Sector, at the Academy of Scientific Research and Technology.
- 1994: Attended and completed the intensive training course on X-Ray Diffraction, Faculty of Sciences, Cairo University.
- 15th July-23rd Aug 2000: Attended and completed the computer course organized by “The Unit for Preparing the University Teacher”, Cairo University.
- 20-22nd Nov 2004: Attended and completed the Effective Communication Skills Program organized by the “Skills Development Center for the Tutorial and Leadership Authority”, Cairo University.
- 27-29th Nov 2004: Attended and completed a program for Time Management and Responding to Work Pressures organized by the administration of the “Skills Development Center for the Tutorial and Leadership Authority”, Cairo University.
- 12-15 February, 2013: Attending a 3-day work shop on “The use of Nanotechnology and Biomaterials in Tissue Engineering and Drug Delivery” in the Biotechnology Lab of the Faculty of Agriculture and in Cairo University Research Park (CURP)
- Nov. 26, 2017: Attending a workshop in Faculty of Pharmacy, Cairo Univ. on “Protection of Intellectual Property Rights (IPR) in the Domain of Medicine Manufacturing” Given by Prof. Yasser Gadallah, Prof. of Economics and Intellectual Property and Dean of National Institute of Intellectual Property, Helwan Univ.



- Attending a workshop on 10/12/2017 about “Intellectual Property Rights and Patency in Egypt” given by Dr. Amal Hussein Abdel Kadir ,Assoc. prof. in Faculty of Mass Communication, Oct. 6 Univ.
- Attending a workshop on 4/3/2018 about “Successful Academic Writing and Essentials of Scientific Publishing” given by Prof. Dr. Mohamed Aly Farag.
- Attending a workshop on 16/4/2018 titled: “Writing Effective Exam Questions: Learning Domains and Construction of Valid and reliable Exams. Optimize your questions and Write an effective Exam”.
- Attending a workshop on 23/4/2018 about “Ethics of Scientific Research in Medical Domain” given by Dr. Ahmed Aly Mosharaf, Supervisor of Clinical Pharmacy Dept., Faculty of Pharmacy, Oct.6 Univ.
- Attending a workshop on 23/4/2018 about ‘Ethics of Scientific Research on Lab Animals and Required Safety Measures’ given by Prof. Dr. Mohamed Fahmy ,head of Pharmacology Dept., faculty of pharmacy, Oct.6 Univ.
- Attending a workshop on 8/5/ 2018 titled “Effective Academic Writing “ in the library of Oct.6 Univ. given by Dr. Lea Gagnon, editorial development advisor in Nature Research.

Conferences:

- The Twenty Fourth Pharmaceutical Conference held in December 1994, where the presented research was:
 - Evaluation of Certain Indomethacin Products.
- The Fourth Scientific Conference for the National Organization of Drug Control and Research (NODCAR) held in March 1998, where a poster had been presented for a research by the name:



- Comparative Dissolution Study of Drugs Using Protein Hydrolysates.
- The Fifth Scientific Conference for the (NODCAR) held in April 2000, where a poster had been presented for a research by the name:
 - Formulation and Evaluation of Sulindac Capsules.
- The Second Alexandria Scientific Conference for Pharmaceutical and Technological Sciences held in October 2000 where a poster had been presented for a research by the name:
 - Enhancement of In-Vitro Availability of Nicardipine Hydrochloride.
- The Second Azhar International Conference for Pharmaceutical and Biological Sciences held in December 2001 where a poster had been presented for a research by the name:
 - Formulation and Biopharmaceutical Evaluation of Sustained Release Floating Capsules of Nicardipine Hydrochloride.
- The Sixth Scientific Conference for (NODCAR) held in March 2002 where a poster had been presented for a research by the name:
 - Formulation and Evaluation of Econazole Nitrate Emulgels.
- The Twenty Ninth International Conference of Pharmaceutical Sciences held in December 2002 where a poster had been presented for a research by the name:
 - A Pharmaceutical Study on Introduced Topical Preparations of Gentamycin Sulfate.
- The Third Azhar International Conference for Pharmaceutical and Biological Sciences held in December 2003 where a poster had been presented for a research by the name:



- Floating Microballoons as Controlled Release Delivery Systems for Verapamil Hydrochloride.
- The Seventh Scientific Conference for (NODCAR) held in March 2004 where a poster had been presented for a research by the name:
 - Formulation and Evaluation of Miconazole Nitrate Nail Lacquer Formulae
- The Twenty Ninth International Conference of Pharmaceutical Sciences held in December 2004 where a poster had been presented for a research by the name:
 - Application of Factorial Design to Select Bioadhesive Vaginal Matrix Tablets as Platform for Drug Incorporation.
- FIP 2005 Conference held in September 2005 where a poster was presented for a research titled Buccal Silymarin Liposomal Delivery System: Preparation and Investigation Applying Factorial Design.
- First Scientific Conference of Faculty of Pharmacy, Cairo University (March, 2008) at the conference center of Cairo University
 - A poster was presented, titled:
 - “Honey, A Natural Product, Formulated as Bioadhesive Gel for Treatment of Wounds and Burns” (elected best poster).
 - Poster presentation in the 5th BioNanoTox Conference in Arkansas, USA on the 4th and 5th of November, 2010 of a manuscript titled "APPLICATION OF BIODEGRADABLE NANOPARTICLES IN LIVER TARGETING OF TACROLIMUS" by Nagia.N.Afifi, Ola.A.Heikal, Rasha.S.Hanafi, S.N.Tammam
- Attending the 3rd PharmSciFair Conference on June 13-17, 2011 in Prague, Czech Republic where presented a poster is titled “Preparation and Biopharmaceutical Evaluation of Tacrolimus Loaded Biodegradable Nanoparticles for Liver Targeting.” S.N.Tammam, S. Mathur and N.N. Afifi
- Attending the 36th International Conference in Pharmaceutical Sciences held in the conference hall of Cairo University on 21-



- 23 December, 2011 and presenting a poster titled “ Formulation and Evaluation of Anti-inflammatory Drugs in Topical Dosage Forms”by
- Saadia M. Tayel, Samia H. Shalby, Nagia N. Afifi and Hala M. El Sadawy.
 - Attending the 8th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Sciences (PBP) on 19-22 March,2012 in Istanbul organized by the International Association for Pharmaceutical Technology (APV). A poster was presented by titled “In-vivo evaluation of a formulated bioadhesive fluconazole vaginal tablet” by
 - Nagia N. Afifi, Amna M. Makky, Amira M. Hashad, Rasha S. Hanafi and Khaled M. El Hodeiby
 - 17-3RD CONFERENCE ON INNOVATION IN DRUG DELIVERY: Advances in local drug delivery" Pisa,Italy on 22-25 September, 2013. Presented poster titled:
 - “Formulation of Bioadhesive Vaginal Tablets for Sustained Localized
 - Delivery of Ciprofloxacin Hydrochloride” by Nagia Nagib Afifi and Hadeel Ahmed Anwar.
 - Future University International Workshop on Tablet Manufacturing, QC/QA, Bio-availability/Bio-equivalence in Intercontinental City Stars on 20-21 February, 2013.
 - Helwan Univ. First International Conference as Poster evaluator and oral session presenter on Oct.2,2017.
 - The 34th Conference in Pharmaceutical Sciences on 23-24/12/2017 in Air Force Defense House.
 - The International Nanotechnology Workshop on March 14, 2018 organized by the Nanotechnology Center in BUE.
 - 22- Third International Conference of the Faculty of Pharmacy Ain Shams University (ICPASU): Sustainability and



كلية الصيدلة
Faculty of Pharmacy



جامعة ٦ أكتوبر
October 6 University

	Innovation in Pharmaceutical Research and Industry on 19-20 November,2023 in Al Masa Hotel,Cairo,Egypt.
V- Awards:	▪
VI- Memberships in the committee:	▪
VII- Other activities:	▪