

Mohamed Nafady

Head of the pharmaceuticals Department



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Citations: 386

h-index: 9

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Academic Education: _____

August 1999: Ph.D. in 1989

Dec. 1995: M.Sc. in 1982

May 1989: B.Sc. in 1976

Chronology of Employment: _____

Aug. 2018-Now

Professor, Head of Pharmaceutics Department at NAHDA University.

Feb 2016-2018

Professor, Head of Pharmaceutics Department at NAHDA University

Feb 2014

Professor, Head of Department of Pharmaceutics at Um Al Qura University

April. 2012

Professor, Head of Pharmaceutics Department, at Um Al Qura University

Additional information: _____

Career-related activities: Workshops in

- 1- Calculation of permeability using Excel**
- 2- Calculation of Pharmacokinetic parameters using Excel**
- 3- Calculation of AUMC using Excel**
- 4- Determination of kinetic orders using Excel**
- 5- Construction of Exam applying LMS**
- 6- Construction of Gantt chart for scientific research**
- 7- Construction of Exam applying Google forms**
- 8- Construction of a blueprint of academic courses**
- 9- How to avoid plagiarism in scientific research**
- 10- Construction of Exam applying Microsoft forms**
- 11- Preparation of gold and silver nanoparticles**

Research Project's Contribution:

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Theses supervised:

- 1- Formulation and evaluation of novel non-invasive drug delivery systems for Fluvastatin (Student Marwa Hisham)**
- 2- A pharmaceutical Study in nanotechnology in developing formulation of novel drug delivery systems (Student Doaa Saad)**
- 3- Formulation and evaluation of nano-vesicles for increasing the efficacy of dapoxetine HCL(Studen: Hanan Othman)**

Theses under supervision:(PhD theses)

- 1- A pharmaceutical formulation of a nano drug delivery system for Enoxaparin sodium” (Student: Mai Ahmed)**
- 2- "A Pharmaceutical Study on Novel Drug Delivery Systems for Enhancing Pharmacokinetics of a Quinolinone Derivative."(Student:Mina A. Saweris)**
- 3- "Formulation, Characterization, and Optimization of Innovative Drug Delivery Systems Loaded with a Natural Drug"(Student: Abdulla Zidan)**
- 4- Pharmaceutical study on certain drug delivery systems of anti hypertensive drug (Student: Hend Hasan)**
- 5- A Pharmaceutical Design of a Novel Drug Delivery System for Metformin Hydrochloride”(Student: Nermin Magdy)**

Research Interests:

Research in nanomedicine and nanotechnology

Publications:

- 1- Heba Farouk Salem; **Mohamed Mahmoud Nafady**; Rasha Mostafa Kharshoum; Omnia Ahmed Abd el-Ghafar; Hanan Osman Farouk. Mitigation of Rheumatic Arthritis in a Rat Model via Transdermal Delivery of Dapoxetine HCl Amalgamated as a Nanoplatform: In vitro and in vivo Assessment. *International Journal of Nanomedicine*. 2020;(15):1517-1535. [**IF: 7 Q1**]
- 2- Heba F. Salem , **Mohamed Mahmoud Nafady** , Mohamed Gamal EL-Din Ewees , Hend Hassan & Rasha A. Khalla Rosuvastatin calcium-based novel nanocubic vesicles capped with silver nanoparticles-loaded hydrogel for wound healing management: optimization employing Box–Behnken design: in vitro and in vivo assessment. *J Liposome Res*. 2022 Mar;32(1):45-61. doi: 10.1080/08982104.2020.1867166. Epub 2021 Jan 11.[**IF: 5.6 Q1**]
- 3- Heba F. Salem; **Mohamed M. Nafady**; Rasha M. Kharshoum; Omnia A. Abd el-Ghafar; and Hanan O. Farouk. Novel Enhanced Therapeutic Efficacy of Dapoxetine HCl by Nano-Vesicle Transdermal Gel for Treatment of Carrageenan-Induced Rat Paw Edema. *AAPS PharmSciTech*. 2020; 21: 113. [**IF: 4.03 Q2**]
- 4- Mohamed El-Nabarawi; **Mohamed Nafady**; Shahira Elmenshawe; Marwa Elkarmalawy; Mahmoud Teaim; Liver Targeting of Daclatasvir via Tailoring Sterically Stabilized Bilosomes: Fabrication, Comparative In Vitro/In Vivo Appraisal and Biodistribution Studies; *international journal of nanomedicine*; 2021; 16:6413-6426. [**IF: 7 Q1**]
- 5- Heba F. Salem, **Mohammed M. Nafady**, Adel A. Ali, Nermeen M. Khalil, Amani A. Elsis. "Evaluation of Metformin Hydrochloride Tailoring Bilosomes as an effective Transdermal Nanocarrier"; *International Journal of Nanomedicine*. Accepted in 3rd February 2022. [**IF: 7 Q1**]
- 6- Tamer M. Mahmoud , **Mohamed M. Nafady** , Hanan O. Farouk 2,* , Dina M. Mahmoud 2 , Yasmin M. Ahmed 3 , Randa Mohammed Zaki, and Doaa S. Hamad .Novel Bile Salt Stabilized Vesicles-Mediated Effective Topical Delivery of Diclofenac Sodium: A New Therapeutic Approach for Pain and Inflammation. *Pharmaceuticals (Basel)*. 2022 Sep 5;15(9):1106. doi: 10.3390/ph15091106. [**IF: 5.2 Q1**]
- 7- Heba F. Salem, **Mohammed M. Nafady**, Adel A. Ali, Nermeen M. Khalil, Amani A. Elsis. "Cholate-based Nano Emulgel of 1,1-Dimethylbiguanide can Diminish Liver Damage in NAFLD Induced by High Fat Diet" *Journal of Applied Pharmaceutical Science*. Accepted 10 Feb. 2023.