



■ Name

**Heba Ahmed
Elsayed Aboutaleb**

Position

- Vice dean of Education and Student Affairs
- Head of department of Pharmaceutics and industrial pharmacy

Department

- Pharmaceutics and industrial pharmacy

Profile

Brief Biography

Heba Ahmed Elsayed Aboutaleb

Permanent Address: University Accommodations, Assiut University, Western Flats, Block "H" Flat "18"

E-mail address: Heba.ahmed@merit.edu.eg
habhob61076@yahoo.com
heba.elsayed@nub.edu.eg

Mobile: +201003353631,
+201119477457

EDUCATION DATA (ACADEMIC HISTORY)

Degree	Year	Name of Institution	Field of Study	Country
Associate Professor	2019	Nahda University	Pharmaceutical Sciences (Pharmaceutics)	Egypt
Ph.D.	2012	Assiut University	Pharmaceutical Sciences (Industrial pharmacy)	Egypt
M. Sc. Pharm.	2005	Minia University	Pharmaceutical Sciences (Pharmaceutics)	Egypt
B.Pharm.	2000	University of Philadelphia	Pharmaceutical Sciences	Hashemite Kingdom of Jordan

Research Interest

Solubility enhancement, pharmaceutical technology, dosage form development, controlled drug delivery, pharmaceutical nanotechnology, targeted drug delivery.

Selected Publications

1. Improvement of Dissolution of Cinnarizine Using Cyclodextrins and Certain Polymeric Systems" presented to the 4th International Pharmaceutical conference at faculty of pharmacy, Assiut University, March 2004.
2. "A study on the Dissolution of Cinnarizine from Certain Formulated Tablets Containing Various Polymeric Systems" presented to the 29th International Pharmaceutical conference of the Egyptian

Pharmaceutical Society, Dec. 2004.

3. Patent to be submitted to the international academy of science of Egypt on the formulation of Cinnarizine effervescent tablets, 2005.

4. " Formulation and Evaluation of Cinnarizine Floating Tablets", AAPS Annual meeting, Atlanta-USA, Nov. 2008.

5. Optimization of nano-emulsion formulations for certain emollient effect ,World Journal of pharmacy and pharmaceutical sciences, Dec. 2015.

6." Transfersomal nanoparticles of keratolytic and antibacterial agents for enhanced transdermal delivery", J. Nano. Adv. Mat., Jan. 2016.

7. "Formulation, Development and evaluation of a Meclozine hydrochloride microsphere,"J Bioequiv &Availab., January 2016.

8. "Formulation and optimization of solid self-nanoemulsifying system using porous carriers for oral delivery of Cinnarizine", International Journal of Pharmacy and Pharmaceutical Sciences, January 2016.

9. "Preparation and evaluation of anti-hyperlipidemic in topical preparation and characterization using vesicular drug delivery system", World Journal of Pharmaceutical Sciences, May 2016.

10. " A Novel Topical Spray Formulation for Ginkgo Bioloba for Antifungal, Activity", Journal of Nanomedicine & Nanotechnology, June 2016.

11. " Formulation of Novel Glycerin Nanoparticles for Enhancement the Solubility of Loratadine; Application to Transdermal Hydrogel Delivery System", Journal of Nanomedicine & Nanotechnology, January 2017.

12. " Loratadine bioavailability via buccal transfersomal gel: formulation, statistical optimization, in vitro/in vivo characterization, and pharmacokinetics in human volunteers", Drug Delivery, May 2017.

13. " Development and Characterization of a Novel Liposomal Formulation of Alendronate Sodium Loaded with Biodegradable Polymer", Latin American Journal of Pharmacy, Oct. 2017.
14. " Compatibility Studies of Simvastatin with Levofloxacin Hemihydrate and Various Excipients", Latin American Journal of Pharmacy, January 2018.
15. " Prospective Role of Simvastatin on Wound Healing: Review of the Literature", J Bioequiv & Availab., April 2018.
16. " Targeting of Somatostatin receptors expressed in blood cells using quantum dots coated with Vapreotide", Saudi Pharmaceutical Journal, Aug. 2018 .
17. " Progesterone-loaded nanosized transethosomes for vaginal permeation enhancement: Formulation, statistical optimization and clinical evaluation in anovulatory polycystic ovary", Journal of Liposomal Research, Sep. 2018 .
18. " Intranasal Niosomes of Nefopam with Improved Bioavailability; Preparation, Optimization and in vivo Evaluation", Drug Design, Development and Therapy, Dec. 2018.
19. " Nanosized transferosomes based intranasal in-situ gel for brain targeting of resveratrol: formulation, optimization, in vitro evaluation and in vivo pharmacokinetics study", AAPS Pharm Sci Tech, Feb. 2019.
20. " Formulation and evaluation of simvastatin polymeric nanoparticles loaded in hydrogel for optimum wound healing purpose", Drug Design, Development and Therapy, May 2019.
21. " Brain targeting of resveratrol through intranasal lipid vesicles labeled with gold nanoparticles: in vivo evaluation and bioaccumulation investigation using computed tomography and histopathological examination", Journal

of Drug Targeting, June 2019.

22. "Intralesional vitamin D3 versus intralesional purified protein derivative in treatment of multiple warts: A comparative clinical and immunological study", Journal of Dermatological Therapy, July 2019.

23. " Skin Permeation Enhancement of Nicotinamide through Using Fluidization and Deformability of Positively Charged Ethosomal Vesicles: A New Approach for Treatment of Atopic Eczema", Journal of drug delivery science and technology, August 2019.

24. " Nano-sized nasal emulgel of resveratrol for direct brain targeting preparation, optimization, in vitro evaluation and in vivo pharmacokinetics study", drug development and industrial pharmacy, October 2019.

25. " Preparation, Characterization and evaluation of Antifungal Activity of Clotrimazole Nanostructured Lipid Carriers", International journal of pharmaceutical sciences and research, December 2019 .

26. " The use of new quinazolinone derivative and doxorubicin loaded solid lipid nanoparticles in reversing drug resistance in experimental cancer cell lines: A systematic study", Journal of drug delivery science and technology, Feb. 2020.

27. " Alginate-coated chitosan nanoparticles act as effective adjuvant for hepatitis A vaccine in mice", International Journal of Biological Macromolecules, Feb. 2020.

28. "Nanostructured Lipid Carriers to Mediate Brain Delivery of Temazepam: Design and In Vivo Study", Pharmaceutics, May 2020.

29. "Biosynthesis, Characterization, and Wound-Healing Activity of Phenytoin-Loaded Copper Nanoparticles", AAPS Pharm Sci Tech, June 2020.

30. "Comparative studies of the effects of novel excipients amino acids with cyclodextrins on enhancement of

dissolution and oral bioavailability of the non-ionizable drug carbamazepine", European Journal of Pharmaceutical Sciences, September 2020.

31. "Topical Nano-Vesicular Spanlastics of Celecoxib: Enhanced Anti-Inflammatory Effect and Down- Regulation of TNF- α , NF- κ B and COX-2 in Complete Freund's Adjuvant-Induced Arthritis Model in Rats", International Journal of Nanomedicine, January 2021.

32. "Fabrication and Appraisal of Simvastatin via Tailored Niosomal Nanovesicles for Transdermal Delivery Enhancement: In Vitro and In Vivo Assessment", Pharmaceutics, January 2021.

33. "Novel Green Biosynthesis of 5-Fluorouracil Chromium Nanoparticles Using Harpullia pendula Extract for Treatment of Colorectal Cancer", Pharmaceutics, February 2021.

34. " Tailoring of Retinyl Palmitate-Based Ethosomal Hydrogel as a Novel Nanoplatfom for Acne Vulgaris Management: Fabrication, Optimization, and Clinical Evaluation Employing a Split-Face Comparative Study", International Journal of Nanomedicine, 24 June 2021.

35. "Tailoring of Novel Azithromycin-Loaded Zinc Oxide Nanoparticles for Wound Healing", Pharmaceutics, January 2022.