



Curriculum Vitae

- **Name:** Heba Ahmed Yassin
- **Title:** Associate Professor and Head of
Pharmaceutics Department
- **Department:** Pharmaceutics Department
- **E-mail :** Heba.yssin@su.edu.eg

A) Academic Qualifications:

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|--------------------------------------|------------------------|------------|
| - Bachelor's Degree in Pharmaceutics | University: Tanta | Year: 2011 |
| - Master's Degree in Pharmaceutics | University: Tanta | Year: 2014 |
| - Ph.D in Pharmaceutics | University: Suez Canal | Year: 2016 |

B) Academic promotions :

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| - Demonstrator, | Date: 1-9-2011 |
| - Assistant Lecturer, | Date: 1-7-2014 |
| - Lecturer, | Date: 1-9-2017 |
| - Assistant Professor, | Date: 1-9-2022 |

C) Scientific Merit:

- Google Scholar
- Scopes ID
- Citations: 120 h-index: 10 i10-index 5
- Orcid –N

D) Academic Administrative Experiences:

I am teaching different courses in the area of Pharmaceutical Technology, like Pharmaceutics, Biopharmaceutics, Physical Pharmacy, and Pharmaceutical Dosage forms, Industrial Pharmacy, Cosmetics, Pharmacy Practice, Orientation and History of Pharmacy.

E) Scientific Activities

1: Membership of Professional Organizations and Scientific Societies

2: Training Courses/workshops:

- 1- A training course on the content of the research paper and how to publish internationally.
- 2- A training course on describing and reporting courses.
- 3- A training course on crisis and disaster management.
- 4- A training course on the credit hour system.
- 5- A training course on quality standards in the teaching process.
- 6- A training course on professional ethics and behavior.

3: Conferences, Seminars and Workshops:

- 1- 11th International Scientific Conference of Faculty of Pharmacy, Cairo University, 14-15 May 2023, Conrad, Cairo, Egypt.

- 2- 5th International of Pharma Conference (5th IPC), of the Faculty of Pharmacy Helwan University, 2-3 November 2022, Cairo, Egypt.
- 3- 5th FUE International Conference of Pharmaceutical Sciences, 28-30 January 2019, Kempenski, Cairo, Egypt.
- 4- 1st International Pharmaceutical Science Conference of the Faculty of Pharmacy Menoufia University, "Drug Development: From Benchside to Bedside" 11- 12 August 2018.
- 5- 1st International Scientific Conference of the Faculty of Pharmacy, Egyptian Russian University, Recent Trends in Pharmaceutical Science" 28- 29 April 2018, Airforce Defense Hotel, Cairo, Egypt.
- 6- 1st International Conference of Pharmaceutical and Medical Sciences, 1st - 2nd April 2017, Engineering Military Authority House, Cairo, Egypt.
- 7- 4th FUE International Conference of Pharmaceutical Sciences, Jan 31th- Feb 2nd, 2017, New Cairo, Egypt.
- 8- 1st Pharma School International Conference of Pharmaceutical Sciences, February 15- 16, 2016, Mansura University, Egypt.
- 9- 2nd Young Researchers Conference October 24- 25, 2015, Ismailia, Egypt.
- 10- 5th International Conference of Pharmaceutical and Drug Industries Research Division under the theme of Advances in Pharmaceutical Research, March 29- 30, 2015, Cairo, Egypt.
- 11- 17th Scientific congress of the Association of Pharmacy Colleges in the Arab World, the 1st International Conference of Faculty of Pharmacy Ain Shams University, October 14- 16, 2014, Ain Shams University, Egypt.

4: Teaching Scopes:

Drug delivery system

Nanotechnology

Drug Targeting

6: Awards and Certificates of Appreciation:

The best PhD thesis in Suez Canal University, 2016

7: Peer reviewing of scientific research/ Projects:

Reviewer at International journal of pharmaceutics

F) Scientific Publications:

Last 10 year of published Scientific Papers

-International journals

- 1- S J Alarfaj, M M Bahaa, **H A Yassin**, E El-Khateeb, A Kotkata, M A El-Gammal, A I Elberri, E Habba, E E Zien El-Deen, M O Khriebea, T A El-Masry, W A Negm, E I Elberri, "A randomized placebo-controlled, double-blind study to investigate the effect of a high oral loading dose of cholecalciferol in non-alcoholic fatty liver disease patients, new insights on serum STAT-3 and hepassocin" European Review for Medical and Pharmacological Sciences, 27: 7615-7627; 2023.
- 2- Mohammad H. Alyami,a Amal M. Fakhry, Nancy M. El Halfawy, b Soliman M. Toto, Nada K. Sedky, **Heba A. Yassin**, Sherif Ashraf Fahmy and Fatma A. Mokhtar, "Retama monosperma chemical profile, green synthesis of silver nanoparticles, and antimicrobial potential: a study supported by network pharmacology and molecular docking"Royal Society of Chemistry, 2023, 13, 26213–26228.
- 3- Alaa S. Tulbah, Mohammed H. Elkomy, Randa Mohammed Zaki, Hussein M. Eid , Essam M. Eissa, Adel A. Alid, **Heba A. Yassin**, Basmah Nasser Aldosari, Ibrahim A. Naguib, Amira H. Hassan, "Novel nasal niosomes loaded with lacosamide and coated with chitosan: A possible pathway to target the brain to control partial-onset seizures" International Journal of Pharmaceutics: X, 6 (2023) 100206.
- 4- Hend Mohamed Abdel-Bar, Alaa S. Tulbah , Hany W. Darwish, Rania Salama, Ibrahim A. Naguib , **Heba A. Yassin** and Hadel A. Abo El-Enin, "Quetiapine Albumin Nanoparticles as an Efficacious Platform for Brain Deposition and Potentially Improved Antipsychotic Activity." Pharmaceutics, 15, 1785, 2023.

- 5- Hadel A. Abo El-Enin, Alaa S. Tulbah, Hany W. Darwish, Rania Salama, Ibrahim A. Naguib, **Heba A. Yassin** and Hend Mohamed Abdel-Bar, "Evaluation of Brain Targeting and Antipsychotic Activity of Nasally Administrated Ziprasidone Lipid-Polymer Hybrid Nanocarriers" *Pharmaceuticals* , 16, 886, 2023.
- 6- **Heba A. Yassin**, Mohamed A. Sharaf, Hanna A. El-Ghamry, Abdelaziz E, "Preparation and in-vitro evaluation of dyphylline controlled release matrix tablets" *Research Journal of Pharmacy and Technology*, 16, 10, 2023.
- 7- Mohammed H. Elkomy, Heba A. Abou-Taleb, Hussein M. Eid and **Heba A. Yassin**, "Fabrication and *In Vitro/In Vivo* Appraisal of Metronidazole Intra-Gastric Buoyant Sustained-Release Tablets in Healthy Volunteers." *Pharmaceutics*, 14: 863, 1-18, 2022.
- 8- **Heba A. Yassin**, Mohamed A. Ibrahim, and Heba A. Abou-Taleb. "Aceclofenac-Loaded Microspheres Prepared by Vesicular Ionotropic Gelation to Minimize Drug-induced Gastric Ulcers in Rats." *Current Drug Metabolism*, 23(4), 329 – 338, 2022.
- 9- Dibya Sundar Panda , Hussein M. Eid , Mohammed H. Elkomy, Ahmed Khames ,Randa M. Hassan , Fatma I. Abo El-Ela and **Heba A. Yassin**. "Berberine Encapsulated Lecithin-Chitosan Nanoparticles as Innovative Wound Healing Agent in Type II Diabetes" *Pharmaceutics*, 13: 1197, 1-21, 2021.
- 10- Soha R Abd El Hadi, Esmat E Zien El-Deen, Mostafa M Bahaa, Abdelfattah A Sadakah, **Heba A Yassin**, COVID-19: Vaccine Delivery System, Drug Repurposing and Application of Molecular Modeling Approach, *Drug Design, Development and Therapy* 15,3313-3330, 2021.
- 11- Soad A Mohamad, Hesham Salem, **Heba A Yassin**, Heba F Mansour. "Bucco-Adhesive Film as a Pediatric Proper Dosage Form for Systemic Delivery of Propranolol Hydrochloride: *In-vitro* and *in-vivo* Evaluation", *Drug Design, Development and Therapy*, 14, 4277-4289, 2020.
- 12- Esmat E. Zein, Mohamed A. Ossman, **Heba A. Yassin** and Osama Al-Rikaby. "Effect of certain polymeric resins as well as water soluble carriers on the release of aceclofenac and its ulcerogenic activity in rats" *Biomedical Research Journal*, 1(1): 1-8, 2019.
- 13- Zien El-Deen E. E., **Heba A Yassin**. "*In-Vitro* and *In-Vivo* study of gabapentin floating tablets" *European Journal of Pharmaceutical and Medical Research.*, 10(9), 5-15, 2019.

- 14- Zien El-Deen E. E., **Heba A Yassin.** and Bahlol M. "Improving Bioavailability and Minimizing Ulcerogenic Activity of Dexibuprofen by Using Pectin and Rutin" *Research & Development in Material Science.* 7(1), 2018.
- 15- Esmat E. Zein, Mohamed A. Ossman, Shaimaa S. Mahmoud and **Heba A. Yassin** " Effect of certain polymers on physicochemical properties of tenoxicam." *European Journal of Pharmaceutical and Medical Research.* 5(8): 01-14, 2018.
- 16- E. E. Zien El-Deen and **Heba A Yassin,** "Role of Different Types of Polyacrylic Polymers on Decreasing the Ulcerogenic Effect of Certain Non-Steroidal Anti-inflammatory Drugs." *Journal of Pharmaceutical Research International,* 20(4): 1-10, 2017.
- 17- Esmat Zien El-Deen, Nageh El- Mahdey, Mohamed El- Rashedy, Mamdouh Ghorab, Shadeed Gad and **Heba A Yassin,** Diclofenac-induced gastric ulceration in rats: Protective roles of pantoprazole and misoprostol, *British Journal of Pharmaceutical Research,* 11(3): 1-12, 2016.
- 18- Esmat Zien El-Deen, Mamdouh Ghorab, Shadeed Gad and **Heba A Yassin,** *In-vitro* evaluation and kinetic estimation of a proposed drug delivery system containing ketorolac, *European Journal of Pharmaceutical and Medical Research,* 3(6): 137-148, 2016.
- 19- Esmat Zien El-Deen, Mamdouh Ghorab, Shadeed Gad and **Heba A Yassin,** New simple UV spectrophotometric method for determination of certain NSAIDs present in a physical mixture with pantoprazole in different pH values. *World Journal of Pharmaceutical Sciences,* 3(5): 963-970, 2015.
- 20- Esmat Zien El-Deen, Mamdouh Ghorab, Shadeed Gad and **Heba A Yassin,** Formulation and *In-vitro* evaluation of diclofenac sodium controlled release drug delivery system, *International Journal of advances in Pharmacy, Biology and Chemistry,* 4(2):330-335, 2015.
- 21- Esmat Zien El-Deen, Mamdouh Ghorab, Shadeed Gad and **Heba A Yassin,** Design and characterization of diclofenac sodium microspheres prepared by ionotropic gelation technique for oral controlled drug delivery, *International Journal of advances in Pharmacy, Biology and Chemistry,* 4(2): 321-329, 2015.
- 22- Esmat Zien El-Deen, Mamdouh Ghorab, Shadeed Gad and **Heba A Yassin,** Effect of different polymers on the release of diclofenac sodium controlled release drug delivery system, *Journal of Pharmacy and Pharmaceutical Sciences,* 3(1): 1- 11, 2015.

- 23- Esmat Zien El-Deen, Mamdouh Ghorab, Shadeed Gad and **Heba A Yassin**, Effect of certain polymers on the ulcerogenic activity of a non-steroidal anti-inflammatory drug, *World Journal of Pharmaceutical Research*, 4(6): 2275-2290, 2015.
- 24- Esmat Zien El-Deen, Mamdouh Ghorab, Shadeed Gad and **Heba A Yassin**, Solid dispersion and ionotropic gelation technique for obtaining controlled drug delivery system containing diclofenac and pantoprazole, *European Journal of Pharmaceutical and Medical Research*, 2(4): 430-443, 2015.
- 25- Esmat Zien El-Deen, Mamdouh Ghorab, Shadeed Gad and **Heba A Yassin**, Air suspension and solid dispersion techniques for obtaining controlled drug delivery system containing ketorolac and pantoprazole, *World Journal of Pharmaceutical Research*, 4(9): 229-243, 2015.
- 26- Esmat Zien El-Deen, Mohamed El- Rashedy, Mamdouh Ghorab, Shadeed Gad and **Heba A Yassin**, *In vivo* evaluation of ulcerogenic activity of ketorolac, its solid dispersion systems, as well as its microcapsules in rats, *Journal of Pharmacy and Pharmaceutical Sciences*, 4(3): 23-37, 2015.
- 27- Esmat Zien El-Deen, Mamdouh Ghorab, Shadeed Gad and **Heba A Yassin**, Design and evaluation of enteric coated formulations for an anti-inflammatory drug based on modified release polymers, *European Journal of Pharmaceutical and Medical Research*, 2(6): 38- 48, 2015.
- 28- El-Gizawy S.A., Zein El Din E.E., Donia A.A. and **Heba A Yassin**. Formulation, *in-vitro* and *in- vivo* evaluation of ketorolac tromethamine controlled release drug delivery system *World Journal of Pharmaceutical Sciences*, 2(8):793-806; 2014.
- 29- El-Gizawy S.A., Zein El Din E.E., Sherin Hammad and **Heba A Yassin**. Solid Dispersion and Air Suspension Techniques for Obtaining Controlled Drug Delivery System Containing Ketorolac and Paracetamol *World Journal of Pharmaceutical Sciences*, 2(8): 765-774; 2014.

- National journals

- 1- El-Gizawy S.A., Zein El Din E.E., and **Heba A Yassin**, Microencapsulation Review Article, *Venture Wise*, 8-32; 2014.
- 2- El-Gizawy S.A., Zein El Din E.E., Donia A.A. and **Heba A Yassin**. Formulation and *in-vitro* evaluation of Ketorolac tromethamine controlled release drug delivery system *Mansura Journal of Pharmaceutical Sciences*, 28 (1): 1-8; 2013.



3- El-Gizawy S.A., Zein El Din E.E., Sherin Hammad and **Heba A Yassin**. Estimation of Paracetamol present in a physical Mixture containing Ketorolac tromethamine Solid Dispersion with different polymers Bulletin of Pharmaceutical Sciences, 36:129-138; 2013.

4- El-Gizawy S.A., Zein El Din E.E., and **Heba A Yassin**. Non-Steroidal Anti-inflammatory Drugs, Review Article, Venture Wise, 6-27; 2013.

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H) Skills

- Language Skills: Arabic, English
- Computer Skills: Excellent
- Presentation skills: Excellent
- Other skills: Member of “Resala” Charity Association

Member of the Egyptian Federation of Red Cross & Red Crescent Societies