

Curriculum Vitae



I- Personal information:

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| 1) Full Name: | ▪ Heba Abdel Hady El Gizawy |
| 2) Title: | ▪ Associate Professor, Faculty of Pharmacy, October 6 University |
| 3) Nationality: | ▪ Egyptian |
| 4) Date of birth: | ▪ 29/11/1976 |
| 5) Place of birth: | ▪ Giza-Egypt |
| 6) Marital status: | ▪ Married |
| 7) Address: | ▪ Faculty of Pharmacy, October 6 University |
| 8) E-Mail: | ▪ hebaelgizawy@o6u.edu.eg |
| 9) H-Index (according to Scopus): | ▪ 6 |
| 10) Website: | ▪ ----- |
| 11) ORCID: | ▪ 0000 0002 1543 8844 |
| 12) Scopus author ID: | ▪ 56922052000 |

II- Education:

- **Ph.D.** in Pharmaceutical Sciences
(Pharmacognosy Department, , **Cairo University**, 2014)
Ph.D. Thesis: Pharmacognostical study of *Fortunella japonica* Family Rutaceae cultivated in Egypt.
- **Master Degree** in Pharmaceutical Sciences
(Pharmacognosy Department, **Cairo University**, 2008)
- **M.Sc.** Thesis: Chemical and biological investigation of the volatile constituents of certain *Eucalyptus* species.
- **B. Pharm. Sci** (**Faculty of Pharmacy, Cairo University**, 1999) very good degree with honor.



III- Professional occupations:

- **Demonstrator, Faculty of Pharmacy, Pharmacognosy Department, October 6 university 1999- 2008**
- **Assistant Lecturer, Faculty of Pharmacy, Pharmacognosy department, October 6 university 2008- 2014**
- **Lecturer, Faculty of Pharmacy, Pharmacognosy Department, October 6 University, 2014 till 2018.**
- **Associate Professor, Faculty of Pharmacy, Pharmacognosy Department, October 6 University 2018 till now.**

IV- Experience:

a) Teaching experience:

Teaching Experience:

Undergraduate Courses

1. Practical Course of Botany and Medicinal Plants for First year students, Faculty of Pharmacy, October 6 University.
 2. Practical Course of Herbal production and Quality Control for Fifth year students, Faculty of Pharmacy, October 6 University.
 4. Practical Course of Phytochemistry for Fourth year students, Faculty of Pharmacy, October 6 University
 5. Practical Course of Pharmacognosy-2 for Second year students, Faculty of Pharmacy, October 6 University.
 6. Practical Course of Pharmacognosy-1for Second year students, Faculty of Pharmacy, October 6 University
 7. Theoretical Course of Pharmacognosy-1for Second year students, Faculty of Pharmacy, October 6 University.
 8. Theoretical Course of Pharmacognosy-2 for Second year students, Faculty of Pharmacy, October 6 University
 9. Theoretical Course of Herbal medicine for Third year students, Faculty of Pharmacy, October 6 University
 10. Practical Course of Herbal medicine for Third year students, Faculty of Pharmacy, October 6 University
- Participate in practical, oral and written exams for 2nd & 3rd year pharmacy students' academic years (2014- till now).



- Participate as external examiner in oral exams for pharmacy students in Cairo University, Helwan University, Tanta University, Zagazig University, ACU, Future University, Russian University and MUST University.
- Involved in the control of 1st, 2nd, 3rd and 4th year pharmacy students' academic year (2000- till now).

Post graduate courses:

- Application of spectroscopy for natural products (Structure elucidation)

b) Research experience and list of publications:

- El Zalabani S.M., Koheil M.M., Meselhy K.M., **El Gizawy H.A.**, Sleem A.A. The influence of seasonal variation on composition and bioactivity of the essential oil of *Eucalyptus camaldulensis* DEHN. grown in Egypt *Bull. Fac. Pharm.* Cairo University 2008
- El Zalabani S.M., Koheil M.M., Meselhy K.M., **El Gizawy H.A.**, Sleem A.A. Effect of seasonal variation on composition and bioactivity of the essential oil of *Eucalyptus citriodora* HOOK grown in Egypt " Egyptian Journal of Biomedical Sciences 2007"
- **El Gizawy H.A.**, Osman S.M., Abdelkawy M.A., Koheil M.A., El Halawany A.M., Hussein M.A. Seasonal Variation of Essential Oil, Oxygenated Compounds Content and Antioxidant Capacities of Leaves and ripe & unripe Fruits of *Fortunella japonica* Swingle. (Kumquat). "World Journal of Medicine 2013; 1(4):204-215".
- **Publication of the Master Thesis in Lambert Academic Publishing upon their request. December 2016.**
- **Heba A El Gizawy** and Mohammed A Hussein Fatty acid Profile, Nutritional Value, Antidiabetic and Antioxidant Activity of the Fixed Oil of *Malva parviflora* growing in Egypt. "International Journal of Phytomedicine 7 (2015) 219-230".
- **Heba A El Gizawy** and Mohammed A Hussein Isolation , Structure Elucidation of Ferulic and Coumaric acids from *Fortunella japonica* Swingle leaves and their Structure



Antioxidant Activity Relationship "Free radicals and Antioxidants", 2017; 7(1):1-8.

- Mohammed A Hussein, **Heba A El Gizawy**, Naglaa A Gobba and Yasser O Mosaad Synthesis of Cinnamyl and Caffeoyle derivatives of Cucurbitacin E glycoside isolated from Citrullus colocynthis fruits and their structures Antioxidant and Anti-inflammatory Activities relationship " Current Pharmaceutical Biology 2017,18.677-693"
- **Heba A El Gizawy**, Ahmed S Alazzouni and Alaadin E El Haddad. "Pharmacognostical and Biological Studies of *Delonix regia* growing in Egypt: HPLC Profiles" Pharmacogn. Commn. 2018;8(3):125-131
- **Heba Abd-Elhady El-gizawy** , Yasser Omar Mosaad, Naglaa Abd El Khalik Gobba and Mohammed Abdalla Hussein. "Chemical Composition of the Essential oil of The Leaves of *Pimenta dioica* (L.) Merr. & *Pimenta racemosa* (Mill.) cultivated in Egypt and Evaluation of Their in-vitro Antioxidant and Antidiabetic Activities". International Journal of Phytomedicine, Vol 10, No. 4 (2018) ; ISSN:0975-0185
- **Heba Abd-Elhady El-gizawy**, Farghaly Abdelhamid Omar and Mohammed Abdalla Hussein "Acridone-based acetylcholinesterase inhibitors: synthesis, antioxidant activity and molecular modeling". International Journal of Drug Delivery. Vol 10, No. 3 (2018), ISSN: 0975-0215
- **Heba Abd El Hady El Gizawy**, Mohammed Abdalla Hussein and Essam Abdel-Sattar Biological activities, Isolated Compounds and HPLC Profile of *Verbascum nubicum*. Pharmaceutical Biology.
- **Heba A. Elgizawy**, Ali A. Ali, and Mohammed A. Hussein, Resveratrol: Isolation, and Its Nanostructured Lipid Carriers, Inhibits Cell Proliferation, Induces Cell Apoptosis in Certain Human Cell Lines Carcinoma and Exerts Protective Effect Against Paraquat-Induced Hepatotoxicity. Journal of Medicinal Food.J Med Food 24 (1) 2021, 89–100



- Riham O. Bakr, Ahmed Tawfike, Heba A. El-Gizawy, Nashwa Tawfik, Usama Ramadan Abdelmohsen, Miada F. Abdelwahab, Walaa A. Alshareef, Sahar M. Fayez, Shereen M. S. El-Mancy, Ahlam M. El-Fishawy, Mostafa A. Abdelkawy and Marwa A. A. Fayed. The metabolomic analysis of five Mentha species: cytotoxicity, anti-Helicobacter assessment, and the development of polymeric micelles for enhancing the anti-Helicobacter activity. *RSC Adv.*, 2021, 11, 7318–7330.
- Heba A. El Gizawy, Heba M. Abo-Salem, Ali A. Ali, and Mohammed A. Hussein. Phenolic Profiling and Therapeutic Potential of Certain Isolated Compounds from *Parkia roxburghii* against AChE Activity as well as GABAA $\alpha 5$, GSK-3 β , and p38 α MAP-Kinase Genes. *ACS Omega* 2021, 6, 20492–20511
- **Heba A. El Gizawy**, Sylvia A. Boshra, Ahmed Mostafa, Sara H. Mahmoud, Muhammad I. Ismail, Aisha A. Alsouk, Azza T. Taher and Ahmed A. Al-Karmalawy. Pimenta dioica (L.) Merr. Bioactive Constituents Exert Anti-SARS-CoV-2 and Anti-Inflammatory Activities: Molecular Docking and Dynamics, In Vitro, and In Vivo Studies. *Molecules* 2021, 26, 5844. <https://doi.org/10.3390/molecules26195844>.
- **Heba A. El Gizawy**, Heba M. Abo-Salem, Ali A. Ali, and Mohammed A. Hussein
Phenolic Profiling and Therapeutic Potential of Certain Isolated Compounds from *Parkia roxburghii* against AChE Activity as well as GABAA $\alpha 5$, GSK-3 β , and p38 α MAP-Kinase Genes. *ACS Omega* 2021, 6, 20492–20511
- **Heba A. El Gizawy**, Alaadin E. El-Haddad, Yasmin M. Attia, Sally A. Fahim, Mai M. Zafer and Amr M. Saadeldeen
In Vitro Cytotoxic Activity and Phytochemical Characterization (UPLC/T-TOF-MS/MS) of the Watermelon (*Citrullus lanatus*) Rind Extract. *Molecules* **2022**, 27, 2480.
- **Heba A. El Gizawy**, Alaadin E. El-Haddad, Amr M. Saadeldeen and Sylvia A. Boshra
Tentatively Identified (UPLC/T-TOF-MS/MS) Compounds in the Extract of *Saussurea costus* Roots Exhibit In Vivo Hepatoprotection via Modulation of HNF-1 α , Sirtuin-1, C/ebp α , miRNA-34a and miRNA-223. *Molecules* **2022**, 27, 2802.
- Shaimaa A. El Zanaty, Noha A. Seif Eldein, Eman A. El Gebaly, Elsayed M. El Ghaly and **Heba A. El Gizawy**



Chemical composition and antimicrobial activity of the essential oils of *Thevetia peruviana* and *Plumeria rubra* cultivated in Egypt. *Azhar Int J Pharm Med Sci* 2022; Vol 2 (2):34-42

c) Training and Attendance of conferences :

- 5th International Scientific Conference of Faculty of Pharmacy- Cairo University Pharmacy At The Cutting Edge : Facing Future Challenges (Attendee)23-24 April 2014
- 6th International Scientific Conference of Faculty of Pharmacy- Cairo University 2020 Vision of Pharmacy in Egypt (Poster presenter) 25-26 April 2015
- 13th National Conference (Advances in Biochemistry and Molecular Biology in Diagnosis and Treatment) 23-24 March 2016, Faculty of Pharmacy – October 6 University.
- 8th International Scientific Conference of Faculty of Pharmacy- Cairo University Pharmacy in Egypt: Ensuring Access to Health (Poster presenter) 22 April 2017
- دورة تدريبية عن " طرق التدريس " من مركز التميز للتدريب والتنمية البشرية بالتعاون مع كلية التربية جامعة ٦ أكتوبر ابريل ٢٠١٠
- دورة تدريبية من الهيئة القومية لضمان جودة التعليم عن نواتج التعلم وخرائط المنهج في الفترة من ٦-١٠ ديسمبر ٢٠١٢
- شهادة شكر وتقدير على المشاركة كعضو في لجنة المشاركة المجتمعية وتنمية البيئة في حصول كلية الصيدلة جامعة ٦ أكتوبر على الاعتماد الأكاديمي فبراير ٢٠١٤
- دورة تدريبية عن الساعات المعتمدة والارشاد الأكاديمي من مركز ضمان الجودة جامعة ٦ أكتوبر ٢٨ فبراير ٢٠١٥
- Appreciation certificate from October 6 university-Community Service Center for efforts as a Chief of Community and Environment Developing Committee March 2015.
- دورة تدريبية عن دورة نظم الامتحانات وطرق تقويم الطلاب من الهيئة القومية لضمان جودة التعليم والاعتماد ٩-١٠ مايو ٢٠١٦
- دورة تدريبية عن توصيف البرامج والمقررات وتقويم نواتج التعلم لمؤسسات التعليم العالي من الهيئة القومية لضمان جودة التعليم والاعتماد ٢٧-٢٩ سبتمبر ٢٠١٦



- **Appreciation certificate from October 6 university-Community Service Center November 2016**
- دورة تدريبية عن التقويم الذاتي لكليات ومعاهد التعليم العالي من الهيئة القومية لضمان جودة التعليم والاعتماد ٧-٩ مارس ٢٠١٧
- دورة تدريبية عن تنمية مهارات اعضاء هيئة التدريس والهيئة المعاونة من مركز التدريب والاستشارات جامعة ٦ أكتوبر ١٦-٢٠ مارس ٢٠١٧
- دورة اعداد المعلم الجامعي من مركز التدريب والاستشارات جامعة ٦ أكتوبر ومركز التدريب والارشادات والتعليم المستمر بكلية التربية ٢٢-١٨/٢/٢٠١٨
- ورشة عمل بعنوان: **writing effective exams questions: learning domains and construction of valid and reliable exams. Optimize your questions and write an effective exam** كلية الصيدلة جامعة ٦ أكتوبر ١٦ من ابريل ٢٠١٨
- شهادة شكر وتقدير كلية الصيدلة - جامعة ٦ أكتوبر كرئيس للجنة المشاركة المجتمعية وتنمية البيئة عن العام الجامعي (٢٠١٧/ ٢٠١٨)
- دورة تدريبية عن استراتيجيات التدريس والتعلم الفعال لمؤسسات التعليم العالي من مركز ضمان الجودة جامعة ٦ أكتوبر في الفترة من ١-٢ أكتوبر ٢٠١٨
- دورة تدريبية عن التعريف بوسائل الدعم المقدمة من مكتب الابتكار من مركز ضمان الجودة جامعة ٦ أكتوبر في ديسمبر ٢٠٢٢
- ورشة عمل **Education with Jove** - جامعة ٦ أكتوبر - أكتوبر ٢٠٢٢
- دورة تدريبية عن توصيف البرامج و خرائط المنهج من مركز ضمان الجودة جامعة ٦ أكتوبر في الفترة من ١٥-١٦ مايو -٢٠٢٣
- دورة تدريبية عن المعايير القومية المرجعية -مركز ضمان الجودة جامعة ٦ أكتوبر في مايو ٢٠٢٣
- دورة تدريبية عن الاتجاهات الحديثة في التدريس -مركز ضمان الجودة جامعة ٦ أكتوبر في مايو ٢٠٢٣

V- Awards:

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VI- Memberships in the committee:

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VII- Other activities:

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