

## Personal profile

**Name:** Heba Aboul-Ella Oteify Hassanien

**Date of birth:** 14/June/1998

**Gender:** Female

**Nationality:** Egyptian

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**Marital status:** Single

**Social and scientific profiles link:**

- <https://www.linkedin.com/in/heba-aboulella-a05918204>
- <https://www.facebook.com/heba.aboulella.3>



## Education

B.Sc. Of pharmacy, faculty of pharmacy and pharmaceutical manufacturing, Sinai University  
(2021) CGPA: 3.16/4 "very good with honors".

Enrolled master's degree in pharmacognosy department at faculty of pharmacy, Cairo university.  
(2023).

## Job experiences

- Teaching assistant in department of pharmacognosy, faculty of pharmacy and drug technology, Egyptian Chinese university. (2022- present)
- Quality control specialist at Panaxpharma® pharmaceutical factory, 2021
- Scientific office specialist at Misr Scientific®, 2022 "Artificial Intelligence Combat COVID-19 Project"

## Accomplishments: Courses, workshops, and training

- Organizers committee member for the International Conferences on advanced Machine Learning Technology and Application ,the AMLTA2018, AMLTA2019, AMLTA2020, AMLTA2021.
- Participates as an organizing committee member for the scientific research group in Egypt "SRGE" series of workshops on computational biology, artificial intelligence application in medical fields, and drug repositioning based on machine learning, 2017-tillpresent.
- Training internship at El-Husseiny pharmacy/Hadayek Al-Ahram, Giza, 2017.
- Training internship at Al-Ezaby pharmacy/Hadayek Al-Ahram, Giza, 2018.
- Medical representative internship at Parkville ® Company, 2019.
- 4x4 marketing course at Trendy solutions® company, 2019.
- Fundamentals of digital marketing course, Google®, 2020.
- Inbound marketing course, Hubspot® academy, 2021.
- NAWAH Scientific® virology lab Internship, 2021.
- Pharmaceuticals and Chemical industries fundamentals and prospective advances internship at Nile company®, 2022.
- Free Diploma in E-business, Alison®, 2022.
- Online marketing manager, LinkedIn®, 2022.
- Digital marketing strategy and action, University of Edinburgh, 2022 (Working).

## **Working experiences and Laboratory skills**

The following laboratory skills were gained through working as a Quality controlspecialist in the Panaxpharma pharmaceutical factory:

- Working on high-pressure liquid chromatography (HPLC, Agilent®, and Waters®).
- Working on gas chromatography (GC,Agilent®).
- Working on the ultraviolet (UV) spectrophotomete

## Languages

- Arabic (mother tongue)
- English (very good)

## Technical proficiency

Microsoft Office (Word, PowerPoint, and Excel)

## Hobbies and personal activities

- President of the supply team of the Egyptian scouting committee at Sinai Governorate(2018-2021).
- Solo Guitar player at Cairo Opera House, talents developing center, (2014-till present).
- Active member at Smile share® for charity (2020-till present).
- Active member at Obour cycling team (OCT), (2021-till present).

## Technical Presentations

- Application of Artificial intelligence to Combat COVID-19
- Oncolytic virus as anticancer weapon
- AI-driven digital twins in today's pharmaceutical drug discovery

## Publications

- Heba Aboul-Ella et al. Deep learning in drug discovery: an integrative review and future challenges, Artificial Intelligent Review, Elsevier (IF=9.5) [2nd round revision], 2022
- Hassan Aboul-Ella1\*, Asmaa Gohar2,9,10, Aya Ahmed Ali3, Lina M. Ismail4, Adham Ezz El-Regal Mahmoud5, Walid F. Elkhatib2,7, Heba Aboul-Ella6,8. Monoclonal Antibodies: From Magic Bullet to Precision Weapon (under publishing)

## References

- 1- Prof/Dr. Soad Aboul-Ella, Dean of faculty of pharmacy and pharmaceuticals industry, Sinai University, 01222571203.
- 2- Prof/Dr. Hussein Ali, Vice-dean for research and postgraduate studies at faculty of veterinary medicine, Cairo University, 01002159364.
- 3- Prof/Dr. Yaseen Elshaier, Acting vice-dean for research and postgraduate studies, faculty of pharmacy, university of Sadat City, 01028582031.
- 4- Dr. Mervat Afifi, manager of research and development (R&D) department at MemphisPharma and chemical industry, 01123023153.
- 5- Dr. Ahmed Mostafa, head of the virology department at NAWAH Scientific, 01092613320.
- 6- Dr. Ahmed Hassan, head of the Quality control department at Panaxpharma®, 01006801108.