

# **Hebatullah Samy Mohamed Helmy**

## **Personal information**

Date of Birth: 18<sup>th</sup> of Oct., 1980

Nationality: Egyptian

Marital Status: Married

## **Qualifications**

### Academic:

- Bachelor of Pharmaceutical Sciences (July 2003), Cairo University, Faculty of Pharmacy. General grade: excellent honor, second rank on graduation class and first rank in Biochemistry
- Masters of Pharmaceutical Sciences (Biochemistry) (2011), Cairo University, Faculty of Pharmacy
- PhD of Pharmaceutical Sciences (Biochemistry) (2016), Cairo University, Faculty of Pharmacy

## **Work Experience**

1. **Demonstrator of biochemistry, faculty of pharmacy, Cairo university [2003- 2011]**
2. **Assistant Lecturer of biochemistry, faculty of pharmacy, Cairo university [2011- 2016]**

### Job tasks include

- Preparing and conducting laboratory practical sessions for undergraduate and postgraduate students.
- Attending conferences, seminars.
- Supervising and evaluating students' scientific activities.
- Conducting scientific research and undertaking consultancies in biochemistry and pharmaceutical sciences.

3. **Lecturer of biochemistry, faculty of pharmacy, Cairo university [2016- 2021]**
4. **Associate professor of biochemistry, faculty of pharmacy, Cairo university [2021- current]**

### Job tasks include

- Delivering lectures of biochemistry courses to undergraduate and postgraduate students.
- Setting and marking theoretical examinations.
- Supervising laboratory practical sessions for undergraduate and postgraduate students.
- Attending conferences, seminars, some departmental and faculty meetings.
- Academic advising for undergraduate students.
- Conducting scientific research and supervising masters and PhD students.

## **Other responsibilities**

- Biochemistry Department Council Secretary for the academic year 2016-2017.
- Head of the chemical committee of biochemistry department.
- Departmental coordinator at the unit of quality appraisal and assurance of Faculty of Pharmacy - Cairo University
- Member of the scientific committee of the annual Conference of Faculty of Pharmacy - Cairo University

## Languages

- Arabic: Mother tongue
- English: very good (IELTS overall band score 7)
- German: good
- French: fair

## Training courses

#	Course Name	Location
1	Legal and financial aspects in university environment	Faculty and Leadership Development Center, Cairo University (FLDC)
2	Credit hours system	
3	Quality standards in teaching process	
4	Methods of academic research	
5	Ethical aspects in research	
6	Competitive research projects	
8	Exams and students evaluation systems	
9	E-learning	
10	Effective presentation skills	
11	Leadership and conducting a research team	
12	Arabic and English editing in scientific research	
13	Change management	
14	Statistical analysis of bio-experiments	
15	Use of technology in teaching	
16	Academic skills; Communication and Rhetorical Techniques.	
17	Self-marketing	
18	Proposal Writing GERLS	

## Conferences

- Delivery of an oral presentation titled "*Effect of pegylated interferon- $\alpha$ 2a versus 5-fluorouracil on cancer stem cells in a rat model of hepatocellular carcinoma*" in the 12<sup>th</sup> national conference of the committee of biochemistry and molecular biology in March, 2015.
- Actively participating and taking part in the organization of the 7th International Scientific Conference of Faculty of Pharmacy - Cairo University (Translational Research in Pharmacy: From Bench to Market) held in April, 2016.
- Attending the 9th breast- Gynecological & Immunooncology International Cancer Conference in January 2017.
- Actively participating and taking part in the organization of the 8th International Scientific Conference of Faculty of Pharmacy - Cairo University (Pharmacy in Egypt: Ensuring Access to Health) held in April, 2017.
- Presenting a poster titled "*Potential role of novel herbal mixture formula in treatment of acute and chronic model of rheumatoid arthritis in rats*" in the 9th International Conference of Biochemistry and Molecular Biology held at the premises of the German University in Cairo in January 2018.
- Actively participating and taking part in the organization of the 9th International Scientific Conference of Faculty of Pharmacy - Cairo University (towards globally recognized Egyptian pharmaceutical ingredients: a national priority) held in April, 2018.
- Attending the International Conference of Pharmaceutical Sciences held in Misr University for science and technology in October 2018.

## Workshops

- Course Specifications and Blueprint Writing
- Endnote Citation Manager
- Preparation of Online courses
- SPSS (Statistical Analysis)

## Reviewer for research papers for international journals e.g.

- Gene reports, Elsevier.
- Experimental and Therapeutic Medicine, Spandidos Publications.
- Drug design development and therapy, Dove press.

## Publications

1. **Modulating Effect of Carvedilol on Doxorubicin-Induced Cardiomyopathy and Hepatic Damage.** Journal of American Science **2010**; 6(12)
2. **Role of Selenium in Attenuating Cardiac and Hepatic Damages Induced By the Antitumor Agent, Doxorubicin.** Life Science Journal, Volume 7, Issue 4, **2010**

3. **Comparative study of the effects of PEGylated interferon- $\alpha$ 2a versus 5-fluorouracil on cancer stem cells in a rat model of hepatocellular carcinoma.** Tumor Biology. Volume 37, Issue 2, 1 February **2016**, Pages 1617-1625
4. **Circulating Bone-related Markers and YKL-40 Versus HER2 and TOPO2a in Bone Metastatic and Nonmetastatic Breast Cancer: Diagnostic Implications.** Clinical Breast Cancer. Volume 18, Issue 3, June **2018**, Pages e321-e328
5. **Therapeutic effects of lornoxicam-loaded nanomicellar formula in experimental models of rheumatoid arthritis.** International Journal of Nanomedicine. Volume 12, 22 September **2017**, Pages 7015-7023
6. **Venlafaxine Mitigates Depressive-Like Behavior in Ovariectomized Rats by Activating the EPO/EPOR/JAK2 Signaling Pathway and Increasing the Serum Estradiol Level.** Neurotherapeutics. Volume 16, Issue 2, 15 April **2019**, Pages 404-415
7. **Association of MTMR3 rs12537 at miR181a binding site with rheumatoid arthritis and systemic lupus erythematosus risk in Egyptian patients.** Scientific Reports. Volume 9, Issue 1, 1 December **2019**, Article number 12299
8. **Lercanidipine boosts the efficacy of mesenchymal stem cell therapy in 3-NP induced Huntington's disease model rats via modulation of the calcium/calcieneurin/NFATc4 and Wnt/ $\beta$ -catenin signalling pathways.** Neurochemistry International. Volume 131, December **2019**, Article number 104548
9. **Colon targeting of celecoxib nanomixed micelles using pulsatile drug delivery systems for the prevention of inflammatory bowel disease.** International Journal of Pharmaceutics. Volume 576, 25 February **2020**, Article number 118982
10. **Aberrations of miR-126-3p, miR-181a and sirtuin1 network mediate Di-(2-ethylhexyl) phthalate-induced testicular damage in rats: The protective role of hesperidin.** Toxicology. Volume 433-434, 30 March **2020**, Article number 152406
11. **Serum expression and diagnostic potential of long non-coding RNAs NEAT1 and TUG1 in viral hepatitis C and viral hepatitis C-associated hepatocellular carcinoma.** Clinical Biochemistry. In press. PubMed ID: 32526227
12. **Immunomodulatory Effect Of Diallyl Sulfide On Experimentally Induced Benign Prostate Hyperplasia Via The Suppression Of CD4+T/IL 17 And TGF B1/ERK Pathways.** Infammopharmacology. Volume 28, Issue 5, 1 October 2020, Pages 1407-1420