

Hebaallah Mamdouh Hassan Hashiesh

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College of Medicine and Health Sciences (CMHS)
United Arab Emirates University
Al Ain, Abu Dhabi, United Arab Emirates

<https://scholar.google.com/citations?user=IS7cs6oAAAAJ&hl=en>
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Experienced assistant lecturer with Ph.D. in Biomedical Sciences from United Arab Emirates University with over ten years of experience in academia. Expert in constructing engaging lesson plans and delivering effective lectures. Dedicated to student success and educational excellence.

EDUCATION

Ph.D. | Biomedical Sciences

09/2019 - 11/2023

College of Medicine and Health Sciences

United Arab Emirates University | Al Ain, United Arab Emirates

Dissertation: "To study the role of CB2 receptor agonists in experimental models of diabetes complications"

Cumulative GPA: 4.0/4.0

MSc | Pharmacology and Toxicology

09/2010 - 06/2016

Faculty of Pharmacy

Helwan University | Cairo, Egypt

Thesis: "Possible modulation of the antitumor and nephrotoxic effects of cisplatin by rosmarinic acid"

Cumulative grade: Excellent Honour

BSc | Pharmaceutical Sciences

09/2004 - 05/2009

Faculty of Pharmacy

Helwan University | Cairo, Egypt

Cumulative grade: Excellent Honour

My **accumulated rank** on the 5th years was the 2nd among my colleagues

WORK EXPERIENCE

Assistant Lecturer

08/2016 - Current

Department of Pharmacology and Toxicology

Faculty of Pharmacy - Helwan University | Cairo, Egypt

- Delivering practical and tutorial lessons for different courses in Pharmacology & Toxicology (physiology, experimental pharmacology, clinical pharmacology, experimental toxicology, screening and biological assays, biostatistics and rational

drug use) for undergraduate students to convey all required material and deepen student understanding of subject matter

- Supervision and guidance for early career demonstrators.
- Prepare well researched lectures and delivers them to undergraduate students.
- Set tests, examination and course works
- Administer and invigilate tests and examinations
- Mark tests, course works and examination scripts, compiles and grades examination results
- Guide and advise students on the academic performance
- Conduct research and disseminate research findings through conferences, seminars, and publication
- Supervise undergraduate students undertaking research projects
- Carry out official administrative duties in the department as directed by the head of department

Teaching Assistant

09/2010 - 07/2016

Department of Pharmacology and Toxicology

Faculty of Pharmacy - Helwan University | Cairo, Egypt

- Delivering practical and tutorial lessons for different courses in Pharmacology & Toxicology (physiology, experimental pharmacology, clinical pharmacology, experimental toxicology, screening and biological assays, biostatistics and rational drug use) for undergraduate students to convey all required material and deepen student understanding of subject matter
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- Supervise undergraduate students undertaking research projects
- Carry out official administrative duties in the department as directed by the head of department

SKILLS

- Microsoft Office: daily use of Microsoft Word (thesis and publications), PowerPoint (lectures and conference presentations), Excel (data analysis), GraphPad Prism (data analysis), ImageJ (image quantification and area calculation); EndNote (references/citations)

- Excellent written, Oral communication and Presentation skills
- Outstanding leadership skills
- Creative problem solving
- Academic Research, Academic Writing, and Academic Publication
- Lecture Development, Course Development, Online Lectures, Lesson Planning, and Student Needs Assessment

PEER-REVIEWED PUBLICATIONS

1. **Hebaallah Mamdouh Hashiesh**, Azimullah Sheikh, Mohamed Fizur Nagoor Meeran, Dhanya Saraswathamma, Niraj Kumar Jha, Bassem Sadek, Ernest Adeghate, Saeed Tariq, Saeeda Al Marzooqi, Shreesh Ojha. "B-caryophyllene, a dietary phytocannabinoid, alleviates diabetic cardiomyopathy in mice by inhibiting oxidative stress and inflammation activating cannabinoid type-2 receptors." *ACS Pharmacology & Translational Science* (2023): 10.1021/acsptsci.3c00027. <https://doi.org/10.1021/acsptsci.3c00027>.
2. **Hebaallah Mamdouh Hashiesh**, Niraj Kumar Jha, Shilu Deepa Thomas, Bassem Sadek, Sanjay Kumar, Ernest Adeghate, Shreesh Ojha., Chapter 15 - Targeting the CB (2) receptor to delay progression of cardiovascular diseases. *In Medicinal Usage of Cannabis and Cannabinoids*, Preedy, V. R.; Patel, V. B.; Martin, C. R., Eds. Academic Press: 2023; pp 171-182.
3. **Hebaallah Mamdouh Hashiesh**, Charu Sharma, Sameer N Goyal, Bassem Sadek, Niraj Kumar Jha, Juma Al Kaabi, Shreesh Ojha. A focused review on CB2 receptor-selective pharmacological properties and therapeutic potential of β -caryophyllene, a dietary cannabinoid. *Biomedicine & Pharmacotherapy* 2021, 140, 111639, doi:<https://doi.org/10.1016/j.biopha.2021.111639>.
4. **Hebaallah Mamdouh Hashiesh**, Niraj Kumar Jha, Charu Sharma, Piyush Kumar Gupta, Saurabh Kumar Jha, Chandragouda R Patil, Sameer N Goyal, Shreesh K Ojha. Pharmacological potential of JWH133, a cannabinoid type 2 receptor agonist in neurodegenerative, neurodevelopmental and neuropsychiatric diseases. *European Journal of Pharmacology* 2021, 909, 174398, doi:<https://doi.org/10.1016/j.ejphar.2021.174398>.
5. **Hebaallah Mamdouh Hashiesh**, Charu Sharma, Sameer N Goyal, Niraj Kumar Jha, Shreesh Ojha. Pharmacological Properties, Therapeutic Potential and Molecular Mechanisms of JWH133, a CB2 Receptor-Selective Agonist. *Frontiers in Pharmacology* 2021, 12, 702675-702675, doi:[10.3389/fphar.2021.702675](https://doi.org/10.3389/fphar.2021.702675).
6. Niraj Kumar Jha, Charu Sharma, **Hebaallah Mamdouh Hashiesh**, Seenipandi Arunachalam, MF Meeran, Hayate Javed, Chandragouda R Patil, Sameer N Goyal, Shreesh Ojha. β -Caryophyllene, A Natural Dietary CB2 Receptor Selective Cannabinoid can be a Candidate to Target the Trinity of Infection, Immunity, and Inflammation in COVID-19. *Frontiers in Pharmacology* 2021, 12, 590201, doi:[10.3389/fphar.2021.590201](https://doi.org/10.3389/fphar.2021.590201).

7. MF Nagoor Meeran, Sheikh Azimullah, **Hebaallah Hashiesh Mamoudh**, Charu Sharma, Sanjay Kumar, Sameer N Goyal, Shreesh Ojha. Nerolidol, a Sesquiterpene from the Essential Oils of Aromatic Plants, Attenuates Doxorubicin-Induced Chronic Cardiotoxicity in Rats. *Journal of Agricultural and Food Chemistry* **2021**, 69, 7334-7343, doi:10.1021/acs.jafc.0c05667.
8. MF Nagoor Meeran, A Seenipandi, Hayate Javed, Charu Sharma, **Hebaallah Mamdough Hashiesh**, Sameer N Goyal, Niraj Kumar Jha, Shreesh Ojha. Can limonene be a possible candidate for evaluation as an agent or adjuvant against infection, immunity, and inflammation in COVID-19? *Heliyon* **2021**, 7, e05703, doi:https://doi.org/10.1016/j.heliyon.2020.e05703.
9. **Hebaallah Mamdough Hashiesh**, MF Nagoor Meeran, Charu Sharma, Bassem Sadek, Juma Al Kaabi, Shreesh K Ojha. Therapeutic Potential of β -Caryophyllene: A Dietary Cannabinoid in Diabetes and Associated Complications. *Nutrients* **2020**, 12, doi:10.3390/nu12102963.
10. **Hebaallah M Hashiesh**, Abeer A Elkhoely, Amany A Eissa, Mahmoud M Youns. Rosmarinic acid enhances cisplatin cytotoxicity in hepg2 cell line and attenuates its nephrotoxicity in mice, *International Journal of Pharmaceutical Sciences and Research* 9, 2731-2743, **2018**.
11. **Hebaallah Hashiesh**. (2018). Combination of chemotherapeutic agents with antioxidants "Rosmarinic acid enhances Cisplatin cytotoxicity in HepG2 cell line and attenuates its nephrotoxicity in mice". Riga, Latvia: *LAP LAMBERT Academic Publishing*. <https://www.morebooks.de/shop-ui/shop/product/9786139876693>

CONFERENCE PRESENTATION

1. **Hebaallah M Hashiesh**, Mohamed FN Meeran, Sheikh SA Azimullah, Ernest Adeghate, Dhanya Saraswathiamma, Saeeda Almarzooqi, Shreesh K Ojha, β -caryophyllene, a CB2 Receptor Agonist Alleviates Diabetic Cardiomyopathy via Inhibiting AGE/RAGE-Induced Oxidative Stress, Fibrosis, and Inflammasome Activation. Presented at American Society for Pharmacology and Experimental Therapeutics ASPET. *Journal of Pharmacology and Experimental Therapeutics* 18-21 May **2023**, St Louis, Missouri, USA, 385 (S3), 303. **(Poster presentation)**
2. **Hebaallah Mamdough Hashiesh**, Azimullah Sheikh, MF Nagoor Meeran, Ahmed Al Kaabi, Bassem Sadek, Shreesh Kumar Ojha. β -Caryophyllene, a dietary CB2 receptor selective cannabinoid mitigates myocardial fibrosis in a mice model of diabetic cardiomyopathy. Presented at European Congress of Endocrinology ECE, Endocrine Abstracts 21-24 May **2022**, Milan, Italy, 81 OC1.4 | DOI: 10.1530/endoabs.81.OC1.4 **(Oral presentation)**
3. **Hebaallah Mamdough Hashiesh**, Azimullah Sheikh, Ahmed AlKaabi, MF Nagoor Meeran, Shreesh Ojha., Evaluation of antihyperglycemic activity of beta-caryophyllene, a dietary cannabinoid mediating CB2 receptor activation. EDEC 24-26 Feb **2022** 12th Emirates Diabetes & Endocrine Virtual Congress. **(Poster presentation)**
4. **Hebaallah M. Hassan**, Abeer A Elkhoely, Mahmoud M Youns, Amany A Eissa. Rosmarinic acid potentiates Cisplatin cytotoxicity against human liver tumor cells.

Presented at 1st International Pharma Conference, Cairo, Egypt, 2nd Oct 2017. (Poster presentation)

5. **Hebaallah M. Hassan**, Abeer A Elkhoely, Mahmoud M Youns, Amany A Eissa. Rosmarinic acid alleviates cisplatin-induced nephrotoxicity in mice without compromising its antitumor activity. Presented at 54th Annual Conference of the Egyptian Society of Pharmacology & Experimental Therapeutics, Cairo, Egypt, 20th Dec 2014. (Poster presentation)

AWARDS

- Top publications award from office of Associate Provost for Research, United Arab Emirates University, Al Ain, United Arab Emirates, 2021.
- PhD Fellowship Award from College of Graduate Studies and Assistant Dean for Research and Graduate Studies College of Medicine and Health Sciences, United Arab Emirates University, 2019.

COURSES ATTENDED

- Basic cell culture techniques (January, 2014)
- PCR course (July, 2011)
- Effective Presentation Workshop (February, 2011)
- Quality Standards in Teaching Workshop (November, 2010)
- Strategic Planning Workshop (October, 2010)
- How to Compete for Research Fund Workshop (October, 2010)
- International Publishing of Research Workshop (November, 2010)
- Time and Conference Management Workshop (September, 2010)
- Training at Ahmed Maher Hospital (36 hours)

LANGUAGES

- Arabic (fluent)
- English (fluent)

REFERENCES

1. Professor Shreesh Ojha

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United Arab Emirates University, Al Ain PO Box - 15551, United Arab Emirates
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Zayed Bin Sultan Center for Health Sciences, United Arab Emirates University, Al Ain
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4. Professor Juma Alkaabi

Professor and Consultant Endocrinologist, Department of Internal Medicine
College of Medicine & Health Sciences
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j.kaabi@uaeu.ac.ae

5. Professor Mahmoud Mostafa Abdel Salam

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Faculty of Pharmacy
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