

CURRICULUM VITAE

Enas Youssef Othman Abdalla, Ph.D (Pharmacology & Toxicology)

Areas of interest:

- 1- Pharmacology & Toxicology
- 2- Neuropharmacology
- 3- Cell Biology
- 4- Biochemical and Biophysical research
- 5- Animal studies
- 6-Health care
- 6-Biochemistry
- 7- Protein aggregation
- 8-Air pollution
- 9- Climate changes
- 10-Data analysis

CERTIFICATIONS

1- B.Sc. degree (Pharmaceutical Sciences), Faculty of Pharmacy, Tanta University, Egypt (2003)-
Excellent with honor.

2- M.Sc. degree (Pharmaceutical Sciences), Faculty of Pharmacy, Tanta University, Egypt (2010).

M.Sc. title: Protective effect of some drugs in experimentally-induced testicular damage.

3-Ph.D degree (Pharmacy), Faculty of Pharmacy, Tanta University, Egypt (2016).

Ph.D.tilte: Potential protective effects of celecoxib or omega-3 fatty acid against experimentallyinduced schizophrenia in rats.

EXPERIENECS

Field experiences

- 1-Pharmacist: Abu Ghasiba private pharmacy (2003-2004)
- 2- Pharmacist: Ophthalmology hospital (summer 2004)

Academic experiences

- 1- Demonstrator of Pharmacology & Toxicology- Faculty of Pharmacy, Tanta University, Egypt (2004-2010).
- 2- Assistant lecturer of Pharmacology & Toxicology- Faculty of Pharmacy, Tanta University, Egypt (2010-2017).
- 3- Lecturer of Pharmacology & Toxicology- Faculty of Pharmacy, Tanta University, Egypt (2017now).

- 4- A postdoc fellowship at the University of Florence, Section of Biochemistry, Department of Experimental and Clinical Biomedical Sciences, Italy (January 2021-June 2022).
- 5- A postdoc researcher at the department of Neuroscience and Imaging, The "Gabriele d'Annunzio" University, Chieti-Pescara, Italy (January 2023-January 2024) .

Work experiences

1-Member of the following:

- a- The executive team for quality assurance and accreditation - Faculty of Pharmacy, Tanta University, Egypt (2011-2015).
- b- Continuous Pharmaceutical education committee- Faculty of Pharmacy, Tanta University, Egypt (2012-2015).
- c- Environmental issues committee - Faculty of Pharmacy, Tanta University, Egypt (2016-2018).

Teaching experiences

Teaching the following courses:

1-Pharmacology

2-Toxicology

3-Bioassay

4-Biostatistics

5-Clinical Pharmacology

6-Therapeutics

7-First aid

8-Advanced pharmacology

9-Advanced Toxicology

Activities related to academic process

1-Preparing the scientific contents of courses in department of Pharmacology and Toxicology- Tanta University-Egypt.

2- Supervisor for M.Sc. Candidates and Ph.D. candidates.

3-Academic guide for undergraduate students in credit hour system-Faculty of Pharmacy- Tanta University.

Practical Capabilities

1-Animal Handling

2-Tissue and blood sampling

3-HPLC analysis

4-ELISA reader analysis

5-Spectrophotometry and spectrofluorimetric analysis

6-DLS (dynamic light scattering)

7- CD (circular dichroism)

8- Florescence anisotropy

9-Computed simulation pharmacology programs

10-Animal behavioral testing 11- Tissue culture

13-R , Labview and Python.

Languages and IT skills

Good command at:

1- English

2- Italian

3- French

4- Word. ,Power point, and Excel

Social skills and competences

1-Ability to work under pressure

2-Adaptive and creative

3-Excellent team work

4-Good communication skills

Conferences and workshop attended

- 1-Applications of Biotechnology intensive training course – Institute of Graduate Studies and Research-Biotechnology training center –Alexandria university – Egypt (2005).
- 2-The Third Conference for Enhancing Scientific Research (ESR 2012)-Tanta University (2012).
- 3-Schizophrenia research conference –Florence- Italy (2014).
- 4-The 32th Annual congress –Faculty of Medicine – Tanta university-Egypt (2017).
- 5-Conference of Bioinformatics and Proteomics- Chairman of session-Paris- France (2017).
- 6- Performance evaluation and file completion workshop- Tanta University Quality Assurance Center (TQAC) (2018).
- 7-The First African Health Conference – Cairo-Egypt (2019).
- 8- European Neurology Congress-Venice-Italy (2019).
- 9- Protein Society webinar on LLPS- Virtual (2020)
- 10-Steroid –poylamines against neurodegeneration –from the physics-chemistry to the clinical trials- virtual workshop (2021).

Training courses

- 1-Civil Protection Workshop- Civil protection Training center –Gharbia Governorate (2010).
- 2-Intrenational computer driving license (ICDL): International studies center for distance learning – Tanta University- Egypt (2016)
- 3-IBT- TOFEL: International studies center for distance learning –Tanta University- Egypt (2016)
- 4-General training for workers- The "Gabriele d'Annunzio" University, Chieti-Pescara, Italy .

Honors and awards

- 1-Merit award: Faculty of Pharmacy -Tanta university Egypt (2003).
- 2- Merit award: Egyptian Syndicate of Pharmacists (2003).
- 3- Merit award: Gharbia Syndicate of Pharmacists (2003).

4-Merit award: Egyptian Syndicate of Pharmacists (2011).

5- Certificate of Recognition for poster presentation- Schizophrenia research conference – Florence-Italy (2014).

6-Certificate of Appreciation from Faculty of Pharmacy- Tanta University- Egypt (2015).

7-Speaker Certificate- The 32th Annual congress –Faculty of Medicine – Tanta university-Egypt (2017).

8- Certificate of Appreciation for active participation in Pharmacology session during The 32th Annual congress –Faculty of Medicine – Tanta university-Egypt (2017).

9- Certificate of Recognition for chairing the session on Bioinformatics and Computational /Bioinformatics algorithms and databases –The 9thConference of bioinformatics and proteomics,Paris- France (2017).

10-Certificate of Recognition for poster presentation- The 9th Conference of bioinformatics and proteomics,Paris- France (2017).

11- Certificate of Appreciation for valuable Scientific contribution - The First African Health Conference – Cairo-Egypt (2019).

12- Certificate for Phenomenal and worthy poster presentation - European Neurology Congress- Venice-Italy (2019).

13-Certificate for general training of workers- The "Gabriele d'Annunzio" University, Chieti-Pescara, Italy .

Projects

1-Principal researcher in a student projects “ Effects of probiotics on experimentally- induced depression “. **Faculty of Pharmacy, Tanta University, Egypt .**

2- A postdoc researcher in the project “Investigation of the Inhibitory Role of Squalamine and Trodusquemine in α -Synuclein Aggregation and Cytotoxicity Inside the cells”. **Section of Biochemistry, Department of Experimental and Clinical Biomedical Sciences, University of Florence, Italy.**

3- A postdoc researcher in the project “Integration of atmospheric sensors on drones“. **The department of Neuroscience and Imaging, The "Gabriele d'Annunzio" University, Chieti-Pescara, Italy.**

List of Publications

- 1- Silvia Errico, Giacomo Lucchesi, Davide Odino, **Enass Youssef Osman**, Roberta Cascella, Lorenzo Neri, Claudia Capitini, Martino Calamai, Francesco Bemporad, Cristina Cecchi, William A. Kinney, Denise Barbut, Annalisa Relini, Claudio Canale, Gabriella Caminati, Ryan Limbocker, Michele Vendruscolo, Michael Zasloff, and Fabrizio Chiti (2023).
Quantitative Attribution of the Protective Effects of Aminosterols against Protein Aggregates to Their Chemical Structures and Ability to Modulate Biological Membranes. *J. Med. Chem.* 2023, 66, 9519–9536.
- 2- Abuohashish, N. A., Ibrahim, S., & **Osman, E. Y.** (2023). Comparing the Efficacy of Carvedilol and Celecoxib to Prednisolone in Acetic Acid-Induced Ulcerative Colitis in Male Albino Rats. *Journal of Advances in Medicine and Medical Research*, 35(16), 55-68.
- 3- - Andrea De Micheli , Umberto Provenzani , Marco Solmi , Albertine Van Lawick Van Pabst , **Enas Youssef** , Philip McGuire , Paolo Fusar-Poli (2023).Prevalence of tobacco smoking in people at clinical high-risk for psychosis: Systematic review and meta-analysis .*Schizophrenia Research* 254 ; 109–115
- 4- Alaa E. Elsis, Esraa H. Elmarhomy, **Enass Y. Osman**, (2022). Protective effect of cilostazol and verapamil against thioacetamide-induced hepatotoxicity in rats may involve Nrf2/GSK-3 β /NFKB signaling pathway. *Toxicology research*: 11, 718–729
- 5- Yusuf A. Haggag, Ahmed Kh. Abosalha, Murtaza M. Tambuwala, **Enass Y. Osman**, Sanaa A. ElGizawy, Ebtessam A. Essa and Ahmed A. Donia (2020): Polymeric nanoencapsulation of zaleplon into PLGA nanoparticles for enhanced pharmacokinetics and pharmacological activity. *Biopharm Drug Dispos.* 42:12–23.
- 6- Esraa H Afify, Samia S Sokar and **Enass Y Osman** (2020):[Dexamethasone and losartan combination treatment protected cigarette smoke-induced COPD in rats.](#) *Human and Experimental toxicology* Vol. 40(2) 284–296.
- 7- [Andrea De Micheli, Albertine van Lawick van Pabst, Enass Yossef, Philip McGuire, Paolo Fusar-Poli](#) (2020). [TOBACCO SMOKING AND CLINICAL HIGH RISK: A SYSTEMATIC REVIEW AND META-ANALYSIS OF THE EVIDENCE.](#) *Schizophrenia Bulletin*, Volume 46, Issue Supplement_1, April 2020, Pages S94–S95
- 8- **Enass Yossef Osman** (2019): Lactobacilli probiotics compared to citalopram in treatment of acute stress-induced depression in lab murine models (European Neurology Congress-Venice-Italy).

- 9- Abdalla M. Abdrabou, **Enass Y. Osman**, Osama A. Aboubakr (2018): Comparative therapeutic efficacy study of Lactobacilli probiotics and citalopram in treatment of acute stress-induced depression in lab murine models. Human Microbiome Journal 10 (2018) 33–36.
- 10- **Enass Yossef Osman** (2017): Potential role of celecoxib and omega-3 fatty acids as adjuvant therapy with risperidone in experimentally-induced schizophrenia: Possible effects on Lysosomal membrane integrity and neuroinflammation (Conference of bioinformatics and proteomics, Paris-France).
- 11- Alaa El-Sayed El-Sisi, Samia Salem Sokkar, Magda El-Sayed El-Sayad, Ehab Sayed Ramadan, **Enass Yossef Osman** (2016): Celecoxib and omega-3 fatty acids alone and in combination with risperidone affect the behavior and brain biochemistry in amphetamine-induced model of schizophrenia. Biomedicine & Pharmacotherapy 82 (2016) 425–431.
- 12- **Enass Yossef Osman** (2014): The potential beneficial effects of celecoxib or omega-3 as adjuvant therapy in schizophrenia induced in experimental animals (poster presentation, Schizophrenia Research Conference, Florence, Italy).