

Curriculum Vitae



Name: Enji Reda Abdel-Aal Ali

Title: Lecture of Pharmacology and Toxicology, Faculty of Pharmacy, Sinai University

Department: Pharmacology and Toxicology

E-mail: engy.ali@su.edu.eg

A) Academic Qualifications:

- Bachelor's Degree in Pharmacy University: October 6 University Year:2004 Excellent with Degree of Honor (92.9%), Ranked the first.

- Masters Degree in Pharmacology and Toxicology University: Zagazig University Year: 2012

- Ph.D in Pharmacology and Toxicology. University: Cairo University Year: 2019

▪ **Other Qualifications:** SPSS Course from Zagazig University

• **B) Academic promotions:**

- Demonstrator, Date: 2004

- Assistant Lecturer, Date: 2013

- Lecturer, Date: 2020

C) Scientific Merit:

- Google Scholar: <https://scholar.google.com/citations?authuser=1&user=gozAHkwAAAAJ>

- Scopes ID: 56481383000

- Citations: 172 h-index: 5 i10-index: 4

- Orcid –N: 0000-0002-9905-5401

D) Academic Administrative Experiences

1. Quality Control Specialist at Egyptian Drug Authority (EDA), 2020.
2. Lecture of Pharmacology and Toxicology, Faculty of Pharmacy, Egyptian Russian University, 2019/2020.
3. Lecture of Pharmacology and Toxicology, Faculty of Pharmacy, Sinai University, Kantara, 2020/2021, 2021/2022, 2022/2023.
4. Lecture of Pharmacy practice, Faculty of Pharmacy, Sinai University, Kantara, 2021/2022, 2022/2023.
5. Member of Quality Assurance Unit, Faculty of pharmacy, Sinai University, Kantara.
6. Preparation of courses files (Course Specifications, Course Report, Course Matrix, Course Assessment).

E) Scientific Activities

1: Training Courses/workshops:

- Training course in **Quality Standards in Teaching** from Faculty and Leadership Development Center at Cairo University, in 2019
- Training workshop “Laboratory Quality Management Systems” BTC-A03 held at Biochemistry Centre, Faculty of Pharmacy, Cairo University, in 2014

2: Conferences, Seminars and Workshops:

1. 11th National Conference of Biochemistry and Molecular Biology “Disease Diagnosis and Health Care” organized by National Committee for Biochemistry and Molecular Biology, in 2014.
2. 6th International Scientific Conference of Faculty of Pharmacy, Cairo University “2020 Vision of Pharmacy in Egypt”, in 2015.
3. 2nd Symposium of Chemistry of Flavor and Aroma Department entitled “Flavour Technology: Current and Future” organized by National Research Centre, in 2016.
4. Symposium entitled “Viral Hemorrhagic Fever” organized by National Research Centre, in 2017.
5. 14th National Conference of Biochemistry and Molecular Biology “Advances in Biomarkers, Genetic Diagnosis and Laboratory Medicine of Diseases” organized by MSA University, in 2017.
6. 2nd International Conference of Arab Society of Stem Cells and Molecular Biology “Era of Gene Therapy”, in 2017.

7. 5th FUE International Conference of Pharmaceutical Science, as **Poster Presentation**, organized by Future University, in 2019.
8. Attendance of Nature Research Academies workshop, Journal Editor, Nature Research Academies, March 2022.

3: Teaching Scopes:

- Pharmacology
- Applied Therapeutics/Pharmacotherapy
- Toxicology
- Clinical Toxicology
- Biological Screening and Standardization
- Biostatistics
- Drug Information
- Drug Interaction
- Scientific Writing
- Community Pharmacy

4: Scientific supervision number:

1. Participate in the practical part of PhD thesis for a research student in Pharmacognosy Department, Faculty of Pharmacy, Cairo University, 2019/2020.
2. Supervisor of a Master thesis at the Faculty of Pharmacy, Suez Canal University, 2021/2022.

5: Peer reviewing of scientific research/ Proects:

- Reviewer at Future Journal of Pharmaceutical Science, 2021.

6: Scientific Mission:

1. Pharmacological study on the effect of different herbal extracts and/or drugs on testicular toxicity induced by anticancer
2. Pharmacological study on the effect of different pure active ingredients on liver toxicity
3. Pharmacological study on the effect of certain herbal extract on peptic ulcer
4. Pharmacological study on the effect of certain herbal extract on different diseases of CNS
5. New antidiabetic drugs

F) Scientific Publications:

Last 10 year of published Scientific Papers

-International journales

- 1. Reda E**, Hassaneen S, El-Abhar HS. (2018). Novel Trajectories of Bromocriptine Antidiabetic Action: Leptin-IL-6/ JAK2/p-STAT3/SOCS3, p-IR/p-AKT/GLUT4, PPAR- γ /Adiponectin, Nrf2/PARP-1, and GLP-1. *Front Pharmacol*; 9:771.doi:10.3389/fphar.2018.00771
- Saleh S, El-Maraghy N, **Reda E**, Barakat W. (2014). Modulation of diabetes and dyslipidemia in diabetic insulin-resistant rats by mangiferin: role of adiponectin and TNF- α . *An Acad Bras Cienc.* 86(4):1935-48. doi: 10.1590/0001-3765201420140212.
- Abdel-All, S.R.; Shakour, Z.T.A.; Abouhoussein, D.M.N.; **Reda, E**; Sallam, T.F.; El-Hefnawy, H.M.; Abdel-Monem, A.R. Phytochemical and Biological Evaluation of a Newly Designed Nutraceutical Self-Nanoemulsifying Self-Nanosuspension for Protection and Treatment of Cisplatin Induced Testicular Toxicity in Male Rats. *Molecules* **2021**, *26*, 408.
- Arab HH, Gad AM, **Reda E**, Yahia R, Eid AH. Activation of autophagy by sitagliptin attenuates cadmium-induced testicular impairment in rats: Targeting AMPK/mTOR and Nrf2/HO-1 pathways. *Life Sci.* **2021** Jan 13:119031. doi: 10.1016/j.lfs.2021.119031.
- Abu-Elfotuh K, Abdel-Sattar SA, Abbas AN, Mahran YF, Alshanwani AR, Hamdan AME, Atwa AM, **Reda E**, Ahmed YM, Zaghlool SS, El-Din MN. The protective effect of thymoquinone or/and thymol against monosodium glutamate-induced attention-deficit/hyperactivity disorder (ADHD)-like behavior in rats: Modulation of Nrf2/HO-1, TLR4/NF- κ B/NLRP3/caspase-1 and Wnt/ β -Catenin signaling pathways in rat model. *Biomed Pharmacother.* **2022** Nov;155:113799. doi: 10.1016/j.biopha.2022.113799.
- Abu-Elfotuh K, Darwish A, Elsanhory HMA, Alharthi HH, Hamdan AME, Hamdan AM, Masoud RAE, Abd El-Rhman RH, **Reda E**. In silico and in vivo analysis of the relationship between ADHD and social isolation in pups rat model: Implication of redox mechanisms, and the neuroprotective impact of Punicalagin. *Life Sci.* **2023** Nov 5:122252. doi: 10.1016/j.lfs.2023.122252. Epub ahead of print. PMID: 37935275.

G) Quality Assurance in Higher Education:

- “Written Assessment”, 7th March 2023, Sinai University, Kantara Campus, under supervision of the Quality Assurance Center.
- “Basic Principles in Assessment”, 5th March 2023, Sinai University, Kantara Campus, under supervision of the Quality Assurance Center.
- “Academic Advisor”, 21st February 2023, Sinai University, Kantara Campus, under supervision of the Quality Assurance Center.
- “Research Plan”, 20th February 2023, Sinai University, Kantara Campus, under supervision of the Quality Assurance Center
- Training course in **Quality Standards in Teaching** from Faculty and Leadership Development Center at Cairo University

H) Skills

- **Language Skills:** Academic Test of English (TOEFL)
- **Computer Skills:** “ICDL”, International Computer Driving License, honored by the United Nations Educational, Scientific and Cultural Organization (UNESCO)