

Curriculum Vitae

Raghda Abd el Aziz Abou Ayana, Ph.D.

**Lecturer of
Pharmacology & Experimental Therapeutics**

Department of Pharmacology and Experimental therapeutics
Medical Research Institute
Alexandria University
Egypt

2023

Personal information:

Name : Raghda Abd el Aziz Abou Ayana

Date of birth : July 22nd, 1986

Nationality : Egyptian

Current positions: Lecturer of Pharmacology & Experiment therapeutics, Medical Research Institute, Alexandria University, Egypt.

Academic Field : Pharmacology and Experimental Therapeutics

Specialization Field: Biochemical and Molecular Pharmacology

Country of Birth : Alexandria (Egypt)

Marital Status : Married with two children

Languages Proficiency: Arabic and English.



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Educational Background:

- 1. Doctor of Philosophy in Pharmacology & Experiment therapeutics**, Medical Research Institute, Alexandria University, Egypt (August 2018), “**Evaluation of Insulin - Like Growth Factor Pathway as a Potential Target for Restoring Tamoxifen Sensitivity in Breast Cancer Cell Line**”
- 2. Master Degree in Pharmacology & Experiment therapeutics**, Medical Research Institute, Alexandria University, Egypt (December 2014), “**A Comparative Study on the Effects of Epigenetic Therapy, Melatonin or Cholecalciferol on Mammary Tumor Induced by Dimethylbenza(a)Anthracene In Female Rats**”
- 3. Bachelor degree of pharmaceutical sciences**, Faculty of pharmacy, Alexandria University, Egypt (June 2008), Excellence with honors degree.

Employment History:

- Lecturer of Pharmacology & Experiment therapeutics, Medical Research Institute, Alexandria University, Egypt, from 23/10/2018 till now.
- Assistant lecturer of Pharmacology & Experiment therapeutics, Medical Research Institute, Alexandria University, Egypt, from January 2015 till 22/10/2018.
- Demonstrator of Pharmacology & Experiment therapeutics, Medical Research Institute, Alexandria University, Egypt, from 9/4/2009 till January 2015.

Teaching and Academic Experiences:

1. Participation in teaching the following postgraduate students' courses in the Department of Pharmacology and Experimental Therapeutics, Medical Research Institute, Alexandria University, including:
 - A. Pharmacology (Course code: 1704720)** for master degree students, Spring 2018/2019, spring 2019/2020, spring 2020/2021, spring 2021/2022 and spring 2022/2023.
 - B. Methods in pharmacology (Course code: 1704704)** for master's degree students, Spring 2018/2019.
 - C. Advanced topics in pharmacology I (course code 1704707)** for master's degree students fall 2019/2020.

- D. Therapeutics in special patient groups (course code 1704703)** for master's degree students fall 2020/2021.
- E. Toxicology (course code: 1704706)** for master's degree students fall 2019/2020 and fall 2022/2023
- F. Clinical pharmacology and therapeutics II (Course code: 1704801)** for PhD degree students, Spring 2018/2019.
- G. Pharmacology (Course code: 1707820)** for PhD degree students, from each fall from 2018/2019 till now.
- H. The practical part for pharmacology course (Course code: 1707820 and 1704820),** from 2015 till 2018.
2. Teaching a Pharmacology course (course code 1026) for Condensed course students of Faculty of Nursing, Alexandria university University, Egypt as a main lecturer and Course coordinator (from 8/12/2018 till 21/3/2019 and from 29/6/2019 and will be finished on 10/10/2019).
 3. Teaching a pharmacology and therapeutic course II (Code: PD 324) in Arab Academy for Science, Technology & Maritime Transport, College of Pharmacy spring 2021/2022.
 4. Participation in Quality Assurance Unit through Academic advising for the pharmacology and Experimental Therapeutics master's degree students, medical research institute, Alexandria University, Egypt, from February 2019 till now.
 5. Participation in Quality Assurance Unit through being as assistant to the quality coordinator of pharmacology department, MRI.
 6. Being a member in Strategic Planning Committee of the medical research institute from 2021 till now.
 7. Participation in a workshop of basic and advanced pharmacovigilance held in the medical technology center.
 8. Participation in a training course entitled; "Medical Reb" organized by Career Development Center & Entrepreneurship, Alexandria University, Egypt with cooperation of Pharmaoverseas Company (from 10/3/2017 till 21/4/2017).

9. Active participation in the preparation and execution of a workshop on: Experimental Animal Models of various diseases-1 held at the medical technology center, medical research institute, Alexandria university on 25th February, 2023.
10. Active participation as a speaker in the 19th Medical research institute, 7th international conference entitled “Milestone in Cancer Research from Genomics to Practice. Action in Challenging Times” held on 13-14 May, 2023 at Hilton Green Plaza, Alexandria, Egypt.
11. Active participation in the preparation and execution of a workshop on: Experimental Animal Models of various diseases-II Cancers held at the medical technology center, medical research institute, Alexandria university on 25th June, 2023.

Conferences Attended:

1. Cardio Alex 23 “A Fresh Perspective on the Cardiovascular World” held on 13-16 June in Bibliotheca Alexandria, Egypt.
2. The 19th Medical research institute, 7th international conference entitled “Milestone in Cancer Research from Genomics to Practice. Action in Challenging Times” held on 13-14 May, 2023 at Hilton Green Plaza, Alexandria, Egypt.
3. The 17th EAMBS Conference “Save Your Kidney” which took place on 9th March 2023, in Faculty of Medicine Alexandria University.
4. The 2nd international conference and exhibition on pharmaceutical and health care sciences PHS 2022 on 23-24 November 2022 held in Hilton Alexandria Green Plaza.
5. “24th Allergy” Day held by Society of Clinical Immunology, Allergy and COPD in collaboration of faculty of medicine Alexandria university “Impact Of Long Covid Syndrome On Allergic And Autoimmune Disorders” 10th of November 2022, Tulip Royal Hotel, Alexandria, Egypt.
6. Participation as a chair person in the scientific day entitled “The World Hepatitis Day” on July 25th, 2022 held at the Medical Technology Center, Alexandria, Egypt.

7. 18th Conference “6th International “Medical Research Institute –Alexandria University- Multidisciplinary Approach in Cancer Management “23rd -26th September, 2013, Tulip Hotel, Alexandria, Egypt.
8. The 17th conference (5th International) held by Medical research institute, Alexandria University, Egypt under title of “**Advances in Medical Research; Obesity** “(13th-16th November, 2012).
9. The 16th conference (4th International) held by Medical research institute, Alexandria University under title of “**Advances in Medical Research; Quality in Medical Education and Practice**” (19th - 22nd October, 2010), Sheraton Montazah Hotel, Alexandria, Egypt.
10. The 15th conference (3rd International) held by Medical research institute, Alexandria University under title of “**Advances in Medical Research; From Molecular Medicine to Clinical Application**” (20th-23rd October, 2009), Sheraton Montazah Hotel, Alexandria, Egypt.

Workshops and Training Courses Attended

1. A webinar entitled “Open Access for Egypt” on 30th May 2022 by springer nature summit
2. “An online training: Digital Transformation Leaders” entitled “**Moodle Learning Management System**” held by Innovation in Pedagogy and Aiding Distance Learning Unit (ADiP), Alexandria university, from 6th to 29th June 2020.
3. Workshop of "**Nanostructure Materials & Applications**" held in March 2017 by Medical Technology Center for Research, Medical Research Institute, Alexandria University, Egypt.
4. Workshop of "**Hands on Basic Techniques Needed in the Use of Laboratory Animals in Experimental Medicine and Research** " held in February 2017 by Medical Technology Center for Research, Medical Research Institute, Alexandria University, Egypt.
5. Workshop of "**Basic Techniques in Cell Culture and Stem Cell Research**" held in December 2015 by Medical Technology Center for Research, Medical Research Institute, Alexandria University, Egypt.
6. Training Course on “**Research Ethics, Designing and Developing the Digital Content, Use of International Database, References Management System, Competitive Research Projects and Rights and Responsibilities of Faculty**

Staff Assistants", organized by Faculty and leadership Development Center, Alexandria University (January-May 2017).

7. The **Granting of the International Computer Driving License (ICDL)**, (November 10th, 2009) endorsed by Ministry of communication and Information Technology, Egypt.
8. Training Course on **“Communication Skills, Exam & Students Evaluation Systems, Research Ethics, Writing Scientific Paper & International Publication and the Credit Hour System ”**, organized by Faculty and leadership Development Center, Alexandria University (July/August 2009).
9. Training Course on **“Presentation Skills”** organized by Al Madina Pharmaceutical Industries at Faculty of Pharmacy, Alexandria University, Egypt (July 15th, 2007).

Membership in Scientific Committees:

Member in the Egyptian association of medical basic sciences (EAMBS).

Research Interest:

1. Investigate new therapeutic alternatives for better management of breast cancer, hepatocellular carcinoma and other types of cancer.
2. Investigate more effective therapeutic strategies for cardiovascular diseases and neurological diseases such as Alzheimer's.
3. Investigate new therapeutic alternatives for treatment of different chronic diseases.