

CURRICULUM VITAE

Personal information

- **Name:** **Omaima Aly Ahmedy**
- **Date of birth:** June 10th, 1978
- **Place of birth:** Cairo – Egypt
- **Work address:** Faculty of Pharmacy, Cairo university, Kasr El-Aini St., Cairo
11562, Egypt.
- **Home address:** Block 81, 2B Zakaria Othman Str. Nasr city, Cairo, Egypt
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Degrees

- **Board Certified Oncology Pharmacist (BCOP)** *July 2021*
American Pharmacist Association, Specialty Council on Oncology Pharmacy, USA
- **Doctor of Philosophy in Pharmaceutical Sciences (Pharmacology and Toxicology) Ph.D** *October 2016*
Faculty of Pharmacy – Cairo University, Cairo, Egypt.
- **Masters of Science Degree in Pharmacology and Toxicology (M.Sc.)** *March 2009*
Faculty of Pharmacy – Cairo University, Cairo, Egypt.
- **Bachelor of Pharmaceutical Sciences (B. Pharm).** *May 2000*
Faculty of Pharmacy – Cairo University, Cairo, Egypt.

Work Experience

- **Assistant professor (lecturer) of Pharmacology and Toxicology**
Faculty of Pharmacy – Cairo University, Cairo, Egypt. *Since Nov. 2016*
- **Assistant lecturer of Pharmacology and Toxicology**
Faculty of Pharmacy – Cairo University, Cairo, Egypt. *July 2009-Nov. 2016*
- **Candidate for Masters degree in Pharmacology and Toxicology**
National Cancer Institute, Pharmacology department, Cairo University, Egypt.
(group of Prof. Dr. Abdel Moneim Osman) *Feb 2002- July 2007*
- **Teaching Assistant of Pharmacology and Toxicology**

Faculty of Pharmacy – Cairo University, Cairo, Egypt.

2000-2009

- **Community Pharmacist (Part Time)**

El-Sewaify Pharmacy, Cairo, Egypt.

2000-2004

- **Scientist (Part time)**

Prof. Dr. Ali Ahmedy, Microbiology and Immunology Laboratory

1994- 2015

Teaching Experience

- Basic and clinical pharmacology to undergraduate students of Faculty of Pharmacy, Cairo University (*main stream and clinical pharmacy program*).
- Basic toxicology courses to undergraduate students of Faculty of Pharmacy, Cairo University.
- Bioassay to postgraduate (diploma), Faculty of Pharmacy, Cairo University.
- Pharmacology and Bioassay to students of Pharmacology and Bioassay Diplomas Faculty of Pharmacy, Cairo University.

Research projects

Principal Investigator

- Apigenin promotes mitochondrial fusion/mitophagy against LPS neurotoxicity in mice: A mechanistic approach (***Publication in progress***).
- Study of the hepatoprotective effect of naringenin flavonoid on fulminant hepatitis in vivo (***Publication in progress***).
- Effect of cranberry extract against hepatocellular carcinoma in rats (***Publication in progress***).
- Assessment of the anticancer effect a novel naringenin nanoformulation in hepatocellular carcinoma in rats.
- Study of the possible protective action of berberine alkaloid on bleomycin induced pulmonary inflammation and fibrosis in mice.
- Evaluation of the possible modulatory effect of a citrus flavonoid nanoformulation cisplatin toxicity.
- Study of the anticancer effect of melittin against colon cancer in vitro and vivo.

- Exploring the anticancer effect of naringenin nanoformulation in hepatocellular carcinoma.

Co-investigator

- Evaluation of the antidiabetic effects of certain compounds separated from Artemisia Annua extract (**collaboration with King Khaled University KSA**).
- Study of the possible analgesic activity of a certain antipyrene compound (**collaboration with King Khaled University KSA**).

Pre-clinical Research

“Study of the Possible Modulatory Effects of Some Antioxidants on the Efficacy and Safety of a Certain Anticancer Drug in Chemically-induced Hepatocellular Carcinoma in Rats”

PhD Thesis (2009-2016)

Department of pharmacology and Toxicology
Faculty of Pharmacy, Cairo University, Cairo, Egypt.

Advisor: Mostafa E. El-sayed

Co-advisors: Afaf A. Ain Shoka, Hekma A. Abd El-Latif, Ashraf K. Bahgat.

“A Pharmacological Study on the Effects of a Calcium Channel Blocker and an Antioxidant on the Activity and Toxicity of Doxorubicin in Tumour Bearing Mice.”

Masters (M.Sc.) Thesis, 2002-2009

Department of Pharmacology and Toxicology, Faculty of Pharmacy and Department of Pharmacology, National Cancer Institute, Cairo University.

Advisors: Afaf A. Ain Shoka, Abdel Moneim M. Osman.

Co-advisors: Hanan Salah El Din El-Abhar.

Publications

- **Ahmedy OA**, Salem HH, Ibrahim SM, Kandil EA: *Antiulcerogenic Effect of Melittin via Mitigating TLR4/TRAF6 Mediated NF- κ B and p38 MAPK Pathways in Acetic Acid-induced Ulcerative Colitis in Mice*. Journal: Chemico-Biological Interactions **Sep, 2020**.
- **Ahmedy OA**, El-sayed ME, Ain Shoka AA, Abd El-Latif HA, Bahgat AK, Mansour SZ, Hassan A: *Chemotherapeutic Effect of Celery Seed Oil Against Hepatocellular Carcinoma Induced by Diethylnitrosamine in Rats*. *International journal of development research*, May, 2016; 06(05): 7732-7740.

- **Ahmedy OA**, El-sayed ME, Ain Shoka AA, Abd El-Latif HA, Bahgat AK, Hassan A: *Study of the Anticancer Potential of Celery Seed Oil Against Chemically Induced Hepatocellular Carcinoma in Rats: A Mechanistic Approach. Az. J. Pharm. Sci, March, 2016;(53): 14-28.*
- *El-Abhar HS, Ahmedy OA, Osman AM, Ain Shoka AA: Potential modulatory effect of selenium on the antitumor activity and toxicity of doxorubicin in tumor-bearing mice.: Az. J. Pharm. Sci, March, 2009; 183-197.*

Computer Skills

- **Office:** Microsoft Word, Excel, Powerpoint.
- **Operating system:** Windows 8, Windows Vista, Windows XP, Windows 98.
- **Graphics:** Graphpad Prism.
- **Statistics:** SPSS, Graphpad prism.

Languages

- Arabic: Fluent (mother tongue)
- French: Fluent (mother tongue)
- English: Fluent

Conferences and Meetings Symposium

- **Virtual Scientific Conference of Faculty of Pharmacy Tanta University 2020 “New Avenues in Pharmacy and Health Care”**
Faculty of Pharmacy, Tanta University, Egypt Oct 2020
- **Virtual conference “Human Immunity for COVID-19: What does it take to develop an effective vaccine to COVID19?”**
Maarefah Virtual Conferences, Dubai, UAE Oct 2020
- **Friends of Cancer Research Virtual Meeting: “An International Framework for Real-World Evidence”**
Friends of Cancer Research, Washington, USA Sep 2020
- **The 1st International Online Conference of Pharmaceutical and Medical Sciences: A Response to COVID-19 Theme: Support Healthcare Workers**
Faculty of Pharmacy Alazhar University for Girls, Egypt Sep 2020

- **Friends of Cancer Research Virtual Meeting: “Do Changes in ctDNA Reflect Response to Treatment”**
Friends of Cancer Research, Washington, USA Aug 2020
- **Friends of Cancer Research Virtual Symposium “The Future Use of Complex Biomarkers “**
Friends of Cancer Research, Washington, USA Jul 2020
- **American Association for Cancer Research (AACR) 2020 Virtual annual conference**
American association for cancer research Philadelphia, USA June 2020
- **1st International Pharmaceutical Sciences Conference of Faculty of Pharmacy Menofia University “Drug Development: From Benchside to Bedside”**
Faculty of Pharmacy, Menofia University, Egypt Aug. 2018
- **5th International Scientific Conference of Faculty of Pharmacy Cairo University**
Faculty of Pharmacy, Cairo University, Egypt April 2014

Articles Review (WoS Journal)

- **Phytomedicine**
Four articles review Since Sep 2021
- **Medical Science Monitor**
One article review June 28, 2021

Workshops, Seminars and Training Courses

- **“Spot Light on Fat Transfer in Breast Reconstruction: between techniques, results and oncological implications” 7Th Breast Surgery Webinar**
Alexandria Medical Training Center (AMTC), Egypt Oct 2021
- **“Pharmacotherapy Management of Diabetes Complication Workshop”**
Dasman Diabetes Institute, Kuwait Sep 2020
- **Nature Research Academies workshops Jan. & Feb. 2021**
 - **Journal Editor 1&2**
 - **Successful Pre-submission Strategies**
 - **Effective Academic Writing**
 - **Publishing and Research Data**
 - **Logical manuscript structure**
- **“Intellectual property” general course**
WIPO The World Intellectual Property Organization & NIPA National Intellectual Property Academy Nov. & Dec. 2020
- **“Effective Leadership Webinar”**
Faculty and Leadership Development Center, Cairo University, Egypt. Sep. 2020
- **“H index, Impact Factor and Citation Webinar”**
Performance Appraisal and Quality Assurance Unit, Faculty of Pharmacy Cairo University, Aug 2020
- **“Chemdraw Professional Tips and Tricks Webinar”**
Performance Appraisal and Quality Assurance Unit, Faculty of Pharmacy Cairo University, Aug 2020
- **“Training Of Trainer (TOT) Webinar”**
Diplomatic Training and Consulting Center, Egypt, Aug 2020
- **“Windows 10 Useful Features Webinar”**
Faculty of Pharmacy, Cairo University, Egypt. Jul. 2020
- **“Brief About Database and Microsoft Access Webinar”**
Faculty of Pharmacy, Cairo University, Egypt. Jun. 2020
- **“Mendeley Citation Manager Workshop”**
Performance Appraisal and Quality Assurance Unit, Faculty of Pharmacy Cairo University. Feb. 2020
- **“Fundamentals of Photoshop Towards Designing a Graphical Abstract Workshop”**

Performance Appraisal and Quality Assurance Unit, Faculty of Pharmacy Cairo University. Jan. 2020

- **“Critical Thinking Workshop”**
Faculty and Leadership Development Center, Cairo University, Egypt. Feb. 2020
- **“Examination systems and Student Assessments Workshop”**
Faculty and Leadership Development Center, Cairo University, Egypt. Dec. 2019
- **“Decision Making and Problem Solving Workshop”**
Faculty and Leadership Development Center, Cairo University, Egypt. May 2016
- **“The Credit Hours Systems Seminar”**
Faculty and Leadership Development Center, Cairo University, Egypt. April 2016
- **“Creative Thinking Workshop”**
Faculty and Leadership Development Center, Cairo University, Egypt Dec. 2015
- **“Quality Standards in Teaching” Workshop**
Faculty and Leadership Development Center, Cairo University, Egypt. June 2015
- **“International Publishing of Scientific Researches” Workshop**
Faculty and Leadership Development Center, Cairo University, Egypt Aug 2015
- **Computer Course (Windows, Word, Excel, PowerPoint, Internet)**
Computer Center Faculty of Pharmacy, Cairo University, Egypt. Jan-Dec 2015
- **“Competing for Research Funds” Workshop**
Faculty and Leadership Development Center, Cairo University, Egypt June 2014
- **“Managing Research Teams” Workshop**
Faculty and Leadership Development Center, Cairo University, Egypt April 2014
- **“Ethics of Scientific Research” Workshop**
Faculty and Leadership Development Center, Cairo University, Egypt June 2008
- **“Advanced Communication Skills” Workshop**
Faculty and Leadership Development Center, Cairo University, Egypt June 2008
- **“Organization of Conference”s Workshop**
Faculty and Leadership Development Center, Cairo University, Egypt. April 2008
- **“Research Methodology” Workshop**
Faculty and Leadership Development Center, Cairo University, Egypt. June 2007
- **“New Trends in Teaching” Workshop**
Faculty and Leadership Development Center, Cairo University, Egypt. June 2007

Continuous Medical Education (CME)

- **Monthly Oncology Tumor Boards: “Optimal Multidisciplinary Management of Advanced Esophageal Cancer”**
NCCN (National Comprehensive Cancer Network), USA Oct 31, 2021
- **“Time for Even More Precision in Testing and Treatment of *EGFR*-Mutated NSCLC: Refining and Expanding Best Practices in Advanced and Early-Stage Disease Settings”**
PeerView Institute for Medical Education, USA Oct 29, 2021
- **“Implementing Synergistic Multimodal Approaches with Tumor Treating Fields to Extend Survival in Aggressive Cancers”**
PeerView Institute for Medical Education, USA Oct 24, 2021
- **“Pediatric Oncology Educational Series” Part 2**
IVPN-Oncology Listserv (ACPE accreditation) Oct 24, 2021
- **Monthly Oncology Tumor Boards: “Updates in Management of Renal Cell Carcinoma”**
NCCN (National Comprehensive Cancer Network), USA Oct 20, 2021
- **“NCCN Pharmacy Updates: Best Practices For Transitioning Oncology Therapies from the Inpatient to the Outpatient Setting”**
NCCN (National Comprehensive Cancer Network), USA Sep 26, 2021
- **“Pediatric Oncology Educational Series” Part 1**
IVPN-Oncology Listserv (ACPE accreditation) Sep 26, 2021
- **“Parenteral Nutrition Updates: Focus on Safety, Quality and Technologies”**
IVPN-AR (ACPE accreditation) Sep 18, 2021
- **“Harnessing the Potential of HER2-, HER3- and TROP2-Targeted Therapies to Address Unmet Needs in Advanced NSCLC”**
PeerView Institute for Medical Education USA Sep 14, 2021
- **“Multiple Myeloma: Value of Innovation in Cancer Treatments”**
IVPN-AR (ACPE accreditation) Sep 11, 2021
- **“Personalized Medicine: A look at Pharmacy Future” Series**
“Addressing Challenges for CAR-T therapy in Oncology Pharmacy Practice”
IVPN-AR (ACPE accreditation) Sep 3, 2021
- **“Parenteral Nutrition Role in the Hospitalized Patients: An Overview**

IVPN-AR (ACPE accreditation)

Sep 1, 2021

- **“Clinical Research: New perspectives and Insights”**

IVPN-AR (ACPE accreditation)

Aug 13, 2021

- **“Personalized Medicine: A look at Pharmacy Future” Series**
“Metabolomics A Personalized Medicine Gate”