

Hanan Mohamed Samir El-Gowelli

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Personal information:

Nationality: Egyptian

Current position: **Dean - Faculty of Pharmacy – Alexandria University**
Professor at the Department of Pharmacology & Toxicology
Faculty of Pharmacy – Alexandria University, Egypt.

Previous Position: **Vice Dean for Educational and Students Affairs,**
Advisor of the University President – Almain International University

Vice Dean for Educational and Students Affairs, Chairperson of the Clinical and Biological Sciences Division, the College of Pharmacy, Arab Academy for Science, Technology and maritime Transport, Egypt.

Languages: Fluent Arabic and English (written and spoken)

Scopus Author ID and h-index

Author ID: **7801444240**. **El-Gowelli, Hanan M.** Alexandria University Faculty of Pharmacy, Department of Pharmacology and Toxicology, Alexandria, Egypt

h Index: 16 Documents: **47** - Citations: **793** total citations by **575** documents, 52 Co-authors

Subject area: **Pharmacology, Toxicology, Pharmaceutics, Biochemistry, Genetics and Molecular Biology, Neuroscience.**
(<https://www.scopus.com/authid/detail.uri?authorId=7801444240> cited Sept 10, 2024)

URL: <https://orcid.org/0000-0001-8145-7608>

Web of Science ResearcherID: F-9500-2010

Google Scholar i10-index:

Hanan M. El-Gowelli: i10- index = 29, Citation = 965

<https://scholar.google.com/citations?user=5g29acAAAAJ&hl=en> cited Sept 10, 2024

AD Scientific Index for World Scientist and University Rankings 2023

Ranking in Arab Academy for Science Technology and Maritime Transport

Total i10 index #14, **Medical and Health Sciences #1, Pharmacy and Pharmaceutical Sciences #1**

<https://www.adscientificindex.com/scientist/hanan-el-gowelli/98665> cited May 5, 2023

Education:

- 2003-2006** **Ph.D. In Pharmaceutical Sciences (Pharmacology), 30/5/2006**
Faculty of Pharmacy, Alexandria University, Egypt.
- 1993-1997** **Master's degree in Pharmaceutical Sciences (Pharmacology), 25/3/1997**
Faculty of Pharmacy, Alexandria University, Egypt.
- 1987-1992** **Bachelor's degree in Pharmaceutical Sciences (June 1992)**
Grade: Excellent with Distinction Honor. **Rank:** First
Faculty of Pharmacy, Alexandria University, Egypt.
- 1974-1987** **High School certificate – El Manar Girls English School (Scotch School for Girls) (July 1987)**
Alexandria, Egypt.

Employment History:

- June 2024 – to present time** **Dean**, Faculty of Pharmacy, Alexandria University, Egypt (6/6/2024)
- Jan 2020 – 2024** **Vice Dean for Educational and Students affairs**, Faculty of Pharmacy, Alexandria University, Egypt (26/1/2020)
- Aug 2021 – 2024** **Advisor for Alamein International University President for Quality Assurance and Academic Excellence – Alamein International University – Egypt (1/8/2021)**
- April 2018 – to present time** **Professor** - Department of Pharmacology and Toxicology, Faculty of Pharmacy, Alexandria University, Egypt (24/4/2018)
- 2019 – to present time** **Reviewer in Pharmacology Promotion Committee – Supreme Council of University – Ministry of Higher Education - Egypt**
- 2019 – to present time** **External Reviewer for Quality Assurance**, National Authority for Quality Assurance and Accreditation of Education (NAQAAE), Egypt
- 2019 – 2024** **Member of the Executive Council of New and Specialized Programs**, Faculty of Pharmacy, Alexandria University, Egypt
- Sept 2020 – July 2022** **Member of the Educational Bylaws Committee**, Alexandria University, Egypt
- July 2019 – Jan 2020** **Executive Director of the Quality Assurance Unit**, Faculty of Pharmacy, Alexandria University, Egypt
- Sept 2016 - Oct 2018** **Vice Dean for Educational and Students affairs and Chairperson of Clinical and Biological Sciences Division** at College of Pharmacy- Arab Academy for Science, Technology and Maritime Transport (AASTMT)
- July 2015 - July 2016** **Vice President of Central Labs.** Faculty of Pharmacy, Alexandria University, Egypt
- Feb 2013 -April 2018** **Assistant professor** - Department of Pharmacology and Toxicology, Faculty of Pharmacy, Alexandria University, Egypt. (26/2/2013)
- June 2006 – Feb 2013** **Lecturer** - Department of Pharmacology and Toxicology, Faculty of Pharmacy, Alexandria University, Egypt. (28/6/2006)

- June 1997 – June 2006** **Assistant Lecturer** - Department of Pharmacology and Toxicology, Faculty of Pharmacy, Alexandria University, Egypt. (2/6/1997)
- Nov 1992- June 1997** **Instructor** - Department of Pharmacology and Toxicology, Faculty of Pharmacy, Alexandria University, Egypt. (4/11/1992)

Membership of Professional Societies:

- ❑ **American Society of Pharmacology & Experimental Therapeutics (ASPET)** – ID:21173
- ❑ Member in **The Egyptian Association of Advancement in Medical Basic Sciences (EAMBS)**
- ❑ External Reviewer in **National Authority for Quality Assurance and Accreditation of Education NAQAAE**
- ❑ Evaluator in **Scientific Promotions Committee for Pharmacology and Clinical Pharmacy in the Supreme Council of Universities**

Awards

- Alexandria University Prize for **Scientific Encouragement in Medical Sciences** (2014)
- **ACDIMA** award for Top Scientific Publication in Applied Pharmaceutical Sciences in the Arab world, awarded by the Arab Company for Drug Industries and Medical Appliances, Amman, Jordan (2012)
- Alexandria University wards for **enhancement of distinguished scientific publishing** for all published papers in the top 10-50% indexed peer reviewed journals

Jobs Responsibilities:

At the Faculty of Pharmacy, Alexandria university (AU)

1- As the Dean of the faculty of Pharmacy:

To provide overall leadership within the faculty and coordinate the faculty's strategic plan implementation. To chair the Faculty Council and the Executive Council of New and Specialized Programs and Council of the Quality Assurance unit as well as the specialized units. To establish and implement protocols with industrial and academic partners. To have overall budgetary authority, accountability and responsibility for all budgets allocated in the faculty along with the University president. To represent the faculty in the University Council and the Pharmaceutical Studies sector Committee at the Supreme Council of Universities.

2- **Digital Transformation:** As the vice dean of education and students' affairs, from Jan 2020 till 2024, I was able to **lead the digital transformation of educational process during the COVID-19 crisis** along with the IT center and Measurement and Assessment center at the University. This included planning and monitoring and training students and staff on Microsoft Teams and training of the non-academic staff on the university Management Information System (MIS) for registration and collection of the tuition fees. Additionally, along with the dean of the faculty, I established **a new data center at the Faculty of Pharmacy** in collaboration with the Information and Documentation Center (IDC) at the Arab Academy for Science, Technology and Maritime Transport (AASTMT) for the registration and grading of the Clinical Pharmacy Program.

3- **Student Activities:** Encouraging different students' activities such as scout team via launching **art competitions** and establishing **theater team** for acting as well as **scientific days and scientific summer schools** and involving young students in research and international scientific conferences and publications. **Our students won most first places** in all competitions.

4- **New Bylaws:** I was also a member of the Executive Council of New and Specialized Programs, and I was responsible for development of Bylaws for the new PharmD program and the coordination with different departments for the development of courses descriptions. Now I am the Chair of this council.

- 5- **Quality Assurance:** Being an **external reviewer at NAQAEE**, in July 2019, I was the **executive director of the Quality Assurance Unit**, where I reorganized the structure and Bylaws of the unit and became also **in charge of the strategic planning standard** and the **person in charge for writing the file of Government Excellence Prize in 2019**. At that time, Faculty of Pharmacy at Alexandria Universities got the 5th place among all faculties in different disciplines in all of Egypt.
- 6- **Teaching:** As a prof. of Pharmacology at my department, in addition to the teaching responsibilities to the undergraduates in the regular and clinical program, and the postgraduates in the Faculty of Pharmacy as well as in the undergraduates at the faculty of dentistry, I represent the department in different faculty committees. I was also involved in the Development of students' Assessment System Project (DSASP) to disseminate the culture of electronic marking of exams.
- 7- **Faculty Development:** Through the Continuous Improvement and Qualifying for Accreditation Project (CIQAP), and under the supervision of Dean of the faculty, I was responsible along with the president of the central lab for **upgrading all students and research labs and the animal house** to improve the quality of education and the research. We drafted all the tenders with the equipment specifications and participated in most of the purchasing steps till all equipment were installed in all labs.

I and the chairman of the Pharmacology department established, for **the first-time, a simulation lab for pharmacology** in accordance with the new trends in pharmacology internationally. We also established 2 research labs in our department through the CIQAP and upgraded the equipment in these labs through research grants.

At the Arab Academy for Science, Technology and Maritime Transport (AASTMT)

As the only Vice Dean and the only Chairperson and one of the 3 founders of the College of Pharmacy at AASTMT (Abukir campus), and the team leader for establishing college of Pharmacy at New Alamein City campus (2016-2018), and the person in charge for all the logistics of both colleges I was responsible for:

- 1- **Drafting, implementing and following the bylaws, curriculum, courses specifications as well as strategic plan of the College** to conform with the general strategic plan of the Academy and the sustainable development strategy of Egypt Vision 2030 for both higher education as well as research and innovation.
- 2- **Delivering the College 2-year budget and its justification.** The budget includes equipment and educational needs as well as the assessment of the needs for new staff with their specific specialties and qualifications. This task extended to supervising all college purchases and establishment of new labs and educational spaces and its specifications to conform with all departments needs and participating with AASTMT Committee for Hiring in interviewing the new staff.
- 3- **New Building for Pharmacy:** Along the same line, I was responsible for setting the needs for educational and research spaces of the College of Pharmacy new building at Abukir Campus with Prof. Nazik Elgindy, with all the specification for the college equipment, Labs and classrooms along with supervising the delivery and finishing of each of these spaces along with the design of the college of pharmacy buildings at Abukir and Alamein with the Engineering team from AASTMT.
- 4- **Designing and Implementing Training Program:** Being the Vice Dean for Educational and Students Affairs, I was responsible for **setting structured training program** with the pharmacy practice team, drafting protocols with our different local partners (hospitals and pharmacy chains) to launch that training, which is the most intensive in Egypt (1240 hours vs 300 hours in other pharmacy schools) to prepare well trained pharmacy workforce for the market. I also, **introduced an entrepreneurship elective course** in collaboration with the Entrepreneurship Center at the Academy to encourage young pharmacists to create new jobs for themselves via startups that create innovative business models.
- 5- **International Collaboration:** Because our goal was to set international standards for the education, I mapped our curriculum to the Canadian international standards seeking international collaboration. Eventually, I

succeeded, with the Faculty Dean, in establishing memorandum of understanding (MOU) with the School of Pharmacy at Bradford university, for summer schools in UK for the Egyptian students for training in different fields of pharmacy practice. The MOU also included training of the staff in UK and workshops by Bradford staff in Egypt to be extended to full cooperation later.

- 6- **Establishing College of Pharmacy at Alamein Campus:** As the team leader to establish the college of Pharmacy at New Alamein City, I participated with AASTMT New Alamein campus team and AC Nielsen, a global provider of market research and analysis, to analyze the market needs for the College of Pharmacy at New Alamein city. I drafted the feasibility study, the human resource needs, the ascending educational spaces needs year by year (a 10-year study plan), along with all other resources needed to establish the new college. I also participated with the Engineering team from AASTMT to deliver the design of the building for the College of Pharmacy at New Alamein campus.

At Alamein International University (AIU)

As the **University President Advisor for Quality Assurance and Academic Excellence**, and the team leader for Academic Excellence Pillar in the Strategic Plan, and the person in charge for establishing the center for educational quality assurance at the university I was responsible for:

- 1- **Drafting and following up the strategic plan pillar concerned with Academic Excellence** of the University to conform with the mission and vision of the university and the sustainable development strategy of Egypt Vision 2030. As the team leader for the academic excellence pillar, I am also responsible for setting targets and key performance indicators for each strategic objective and drafting the initiatives and activities for the execution plan and its Gantt Chart and monitoring the execution plan and writing periodic achievement reports along with my team.
- 2- **Drafting the policies and Bylaws for Postgraduate studies**
- 3- **Establishing the quality assurance center** of the university and setting the university policies for quality assurance. In addition, designing and executing the quality assurance training for all the university and monitoring the different programs performance in educational quality assurance.
- 4- **Participating in mapping the university curricula** to that of other international universities along with the program directors in different fields seeking international collaboration.

Research Projects (8)

- 1- **Member of the management team in Academy for Science, Research and Technology (ASRT)** project. Towards the Establishment of a Globally Compliant Egyptian Active Pharmaceutical Ingredient Facility for Critical Diseases. PI: Prof. sheriff Rostom, Grant Monetary 10,000,000 LE (2020-2023)
- 2- **Co-Principle Investigator in Science and Technology Development Fund (STDF)** project: "Maternal & Fetal Programming in Preeclamptic Rats Modulates Cardiovascular & Renal Manifestations of Endotoxemia" **STDF-ID 37026**. PI: Prof. Sahar Elgowelly, Grant Monetary: 1,670,000 EGP. (2021 - 2023)
- 3- **Researcher in Science and Technology Development Fund (STDF)** project: "Sexual and molecular dimorphism in nicotine protection against renal and hemodynamic derangements of endotoxic shock" **STDF-ID14895**. PI: Prof. Mahmoud M. El-Mas, Grant Monetary: 763,000 EGP. (2015 - 2019)
- 4- **Co-Principle Investigator in Alexandria University Research Enhancement Program (Alex REP)** project: "Heme oxygenase modulation of cardiovascular derangements evoked by the combined cyclosporine/NSAIDs regimen in rats: Functional, structural, and molecular studies". PI: Prof. Mahmoud M. El-Mas Grant Monetary: 130,000 EGP. (2014 - 2016)
- 5- **Co-Principle Investigator in Science and Technology Development Fund (STDF)** project: "Effect of hyperlipidemia on Posaconazole-Vincristine Drug-Drug interaction in Rat". **STDF-ID5575**. PI: Dalia Hamdy, PhD, Grant Monetary: 750,000 EGP. (2014 - 2017)

- 6- **Co-Principle Investigator in Science and Technology Development Fund (STDF)** project: Hemodynamic and renal effects of nicotine in rats with surgical menopause. (STDF project code: 502) PI: Prof. Mahmoud M. El-Mas, Grant Monetary: 1000,000 EGP (2010 -2013)
- 7- **Investigator in Alexandria University Research Enhancement Project (Alex REP)** project: A nano-technological approach to the enhancement of drug delivery systems for photodynamic therapy. PI: Noha Adel Nafee, PhD, Grant Monetary: 178,000 EGP (2010-2012)
- 8- **Investigator in Alexandria University Research Enhancement Project (Alex REP)** project: Development of Nanomaterials for drug delivery systems, sensors, and photovoltaic applications. (ALEX REP project code: NANT1). PI: Prof. Moataz Soliman, Grant Monetary: 230,000 EGP (2007-2009)

Educational Projects (4)

- 1- **Member in Erasmus Plus Project:** “Online Pharmacogenomic & Personalized Medicine Postgraduate program.” PI: Ass. Prof. Ahmed Wahid, Grant Monetary: 980,000 EUR. (2022 - 2024). Partners:
Alexandria university (Egypt), (2) Newcastle university (UK), (3) Oviedo university (Spain), (4) Thrace university (Greece), (5) Kiel university (Germany), (6) Nile university (Egypt), (7) Fayoum university (Egypt), (8) American university of Beirut (Lebanon), (9) Beirut Arab university (Lebanon), (10) 57357 Hospital (Egypt), (11) MCIT (Ministry of Communications & Information Technology) (Egypt), and (12) Al Alfy Foundation (Egypt)
- 2- Participation in delivering the ILOs of the courses for **Erasmus plus multi-beneficiaries project** Call 2015-2016 entitled “**IT-Based international diploma and certificates in clinical toxicology**”- Grant Holder institute: Cairo University (PI: Associate Professor Noha Fawzy), in collaboration with Alexandria University, Ein Shams University, Assuit University, Ministry of Communication and Information Technology, Ministry of Health in Egypt, University of Malta in Malta, University of Newcastle in UK and KTH Royal Institute of Technology in Stockholm, Sweden **(2016-2018)**
- 3- Participation in the **Continuous Improvement and Qualifying for Accreditation Project (CIQAP) (2009 -2011)**
- 4- Participation in the **Development of students’ assessment system Project (DSASP) (2009-2010)**

Memberships in Committees:

At Alamein International University:

- Strategic Plan Committee (2021 – 2024)
- University Ranking Committee (2021 – 2024)
- Professional studies & Continuing Education Committee (2021 – 2024)
- Postgraduates Studies Committee (2021 – 2024)
- Exams Committee (2021 – 2024)

At Alexandria University:

- Alexandria University Council (2024 -till present time)
- Alexandria University Council for Student and Educational Affairs (2020 – 2024)
- Committee of the University Regulations & Bylaws (2020 – 2022)

At Faculty of Pharmacy - Alexandria University:

- Head of Educational and Student Affairs Committee (2020 – 2024)
- Member in the Faculty council as the **Vice Dean for Educational and Students Affairs** (2020 – 2024)
- Member of the Executive Council of New and Specialized Programs (2019 – 2024)
- Member in the committee for selection of staff & employees (2020 – 2024)
- Member in the Faculty council representative for the **Quality Assurance Unit** (July 2019 – Feb 2020)

- Head of committee for **preparing the results of final exams of the undergraduates for the 3rd year** Pharmacy program – Faculty of Pharmacy – Alexandria University (2018 – 2019)
- Member in the committee of **enhancement of postgraduates' programs** (2018 – Feb 2020)
- Member in the committee for **Educational and Students Affairs** at the Faculty of Pharmacy (2018 – Feb 2020)
- Member in the committee for **enhancement of the Management system** at the Faculty of Pharmacy (2009 – 2016)
- Member of the **Postgraduate Studies and Research** committee at the Faculty of Pharmacy -Alexandria University (2015 - 2016)
- Member in the **Department of Pharmacology and Toxicology Council** at the Faculty of Pharmacy -Alexandria University (2006 – to present time)
- Member in committee for **preparing the results of the final exam for first year students** at the Faculty of Pharmacy -Alexandria University (2006 - 2016)
- Member in committee for **Selection of the Best Employee and the Best Worker of the Year** (2009- 2011)
- Member in the committee for **Revising and Analysis of Exams** (2009 -2010)
- Member in the committee for **Laboratories and Scientific Equipment** (2009 -2011)
- Member in the committee for **Community Service and Environment Development** (2008-2009)
- Member in the committee for preparing the **Academic Reference Standards (ARS)** for postgraduate studies (Diploma for biochemical analysis – master and PhD., degree in pharmacology) (2009 – 2011)
- Participant in the scientific activities in **Pharmaceutical Services Unit**
- Member in the **Faculty of Pharmacy Council** representative for the **Quality Assurance Unit** (2011 -2012)
- Member in the committee for **Selection of the Employee** (2011 -2014)
- Member in the **Quality Assurance Unit** in the faculty of pharmacy (2008 -2016)

At Arab Academy for Science, Technology & Maritime Transport (AASTMT):

- Member of the **Academy Council for Students Affairs** -AASTMT (2016 -2018)
- Member in the **College Council** at the College of Pharmacy -AASTMT (2016 -2018)
- Member in the committee for **Selection of the Employee & Staff** for College of Pharmacy - AASTMT (2016 -2018)
- Head of the Committee of Strategic Plan committee **the College of Pharmacy at AASTMT** (2016 -2018)

❖ Quality Assurance Responsibilities:

- 1- **University President Advisor for Quality Assurance & Academic Excellence at Alamein International University** (2021 – to present time)
- 2- In charge of the **Academic Excellence Pillar of the Strategic Plan at Alamein International University** (2021 – to present time)
- 3- **Director of the Quality Assurance Unit**, Faculty of Pharmacy Alexandria University (2019 – to 2020)
- 4- **External Evaluator in NAQAAE** (2019 - till present time)
- 5- In charge of **the strategic plan of the College of Pharmacy at AASTMT** (2016 -2018)
- 6- Member in the **Faculty of Pharmacy Council** representative for the **Quality Assurance Unit** (2011-2012, 2019)
- 7- In Charge of the Faculty of Pharmacy **Strategic Planning Committee** (2019 – 2021)
- 8- Member in the **Committee for Enhancement of the Management System** at the Faculty of Pharmacy (2009 – 2016)
- 9- Member in the **Quality Assurance Unit** in the faculty of pharmacy (2008 -2016)

❖ Quality Assurance Background:

- 1- **Diploma in Training of the Trainers (TOT)** offered by Arab Academy for Science Technology & Maritime Transport (AASTMT) (96 Hours) 2022

The diploma included: Training foundations & adult learning styles, Training design & development, training delivery skills, assessment & evaluation, reflective training & final project.

- 2- **Diploma in Total Quality Management (TQM)** offered by Quality Assurance Management Association - Arab Universities Union in collaboration with the Quality Assurance Center at Sadat University (96 Hours) 2021
The diploma included: Basics of quality and management systems, total quality management, self-assessment of organizations based on quality systems, technicalities of writing reports and projects, strategic planning based on risk management, time and meeting management, European framework of quality management, lean management, six sigma strategies, quality assurance and quality control, using statistics for quality improvement, Accreditation & Conformity (ISO:17000), Accreditation of management systems (ISO 9001:2015), Accreditation of Labs (ISO:17025, ISO: 15189), Occupational health & safety (ISO: 45001), Food safety (ISO: 22000), Energy management (ISO: 50001), Environmental management (ISO: 14001), Social responsibility (ISO: 26000)
- 3- Certificate of Achievement of successful passing training course in **Quality Management Systems as Lead Auditor in ISO 9001:2015 (IRCA Ref: 18108)** offered by Arab Academy for Science Technology & Maritime Transport (AASTMT) (Delegate Certificate number 0122108S/1/25) 2022
- 4- Attended workshop on **Program & Courses Specifications in view of Competency-based Education in the Field of Pharmacy**. Offered by NAQAAE 2022
- 5- Attended workshop on **Self-Assessment for Institutional Accreditation in Higher Education**. Offered by Alexandria University Quality Assurance Center 2021
- 6- Attended a Workshop on **Qualifying External Evaluator for Academic Programs According to the Standards of the Union of Arab Universities** offered by Union of Arab Universities in collaboration with the Quality Assurance Center at Sadat University (2021)
- 7- Attended the **3rd International conference on Digitalization and Quality Assurance in Higher Education**. Organized by the Quality Assurance Center at Sadat University in collaboration with the Quality Assurance Management Association and Arab Universities Union (2021)
- 8- Attended workshop on **Program Accreditation: Concepts and Principles**. Offered by NAQAAE 2019
- 9- Attended workshop on **Programs and Courses Descriptions and Specifications and Assessment of Educational Outcomes for Faculties and Institutes of Higher Education**. Offered by NAQAAE 2019
- 10- Attended workshop on **Strategic Planning for Faculties and Institutes of Higher Education**. Offered by NAQAAE 2019
- 11- Attended workshop on **Self-Assessment for Faculties and Institutes of Higher Education**. Offered by NAQAAE 2019
- 12- Attended workshop on **External Evaluation for Faculties and Institutes of Higher Education**. Offered by NAQAAE 2019
- 13- Attended the **6th International Conference for NAQAAE: Quality Assurance of Education: Planning International – Acting Regional** - Cairo – April 2019
- 14- Attended the **First Scientific Conference for Quality assurance of Education** - Cairo University: Quality Assurance the Road to Excellence and innovation – July 2009

❖ **Conferences Attended:**

1. **Session Moderator** in The International Conference of **Pharmaceutical and Health Care Sciences** (November 2022)
2. The symposium for the Quality Assurance and Accreditation Council at the Association of Arab Universities under the title “**Pioneering Experiences of Accreditation and Quality Bodies for Arab Higher Education Institutions**” on July 8, 2021
3. **Session Moderator** in The International Conference of **Pharmaceutical and Health Care Sciences** (November 2019)
4. The International Conference of **Alexandria Pedagogical Innovation and Technology Enhanced Learning (APITEL 2019): Transforming into a Culture of Student-Centered Learning Through Enabling Technologies** (October 2019)

5. Biovision Alexandria 2016: **New Life science: The Road Ahead**, Bibliotheca Alexandrina, Alexandria, Egypt April 2016
6. Annual Breast Cancer Conference. Alexandria Regional Center For women Health Development. December 2nd 2015.
7. Biovision Alexandria 2014: **New Life science: The next decade**, Bibliotheca Alexandrina, Alexandria, Egypt April 2014
8. The 11th Annual Conference of the Egyptian Association of Advancement of Medical Basic Sciences (EAMBS) – Faculty of Medicine - Alexandria University: **The Burn Wound from Basic to Management**. April 2014
9. The 14th Arab International Conference of Material Science. “**Materials for Biomedical Applications**”, Alexandria, Egypt 2013
10. The 10th Integrated Symposium – Faculty of Medicine - Alexandria University – The Egyptian Association of Advancement in Medical Basic Sciences (EAMBS): **Medicine and Research for The Fountain of Youth** 2013
11. The 6th Quality Assurance and Laboratory Management & the 3rd annual Conference of Alexandria Clinical Pathology Department, Faculty of Medicine, Alexandria University: **Proteomics, Transplantation and Laboratory Accreditation**. December 2010
12. The First Scientific Conference for Quality assurance of Education - Faculty of Physiotherapy – Cairo University: **Quality Assurance the Road to Excellence and innovation** – July 2009
13. The 6th Integrated Symposium, Faculty of Medicine, Alexandria University, The Egyptian Association of Advancement in Medical Basic Sciences (EAMBS): **Parasitic Liver Diseases** March 2009
14. The 5th Integrated Symposium – Faculty of Medicine - Alexandria University – The Egyptian Association of Advancement in Medical Basic Sciences (EAMBS): **Breast Cancer Hope and Cure** February 2007
15. The 12th Conference of the Medical Research Institute- Alexandria University: **Advances in Medical Research** November 2006
16. Biovision Alexandria 2006: **Changing lives**, Bibliotheca Alexandrina, Alexandria, Egypt April 2006

❖ Leadership Training Courses:

Edraak massive open online course (MOOC) platform, an initiative of the Queen Rania Foundation-Jordan Kingdom

1. Training course on **Time & Work Stress Management** - equivalent to 2 credit hours (2021)
2. Training course on **Teamwork Skills** - equivalent to 2 credit hours (2022)

Faculty and Leadership Development Center (FLDC), Alexandria University training courses - Egypt

3. Training course on **University Laws and Regulations** (2018)
4. Training course on **Executive Leadership Skills Development** (2018)
5. Training course on **Strategic Thinking and Leadership** (2018)
6. Training course on **Innovative Problem-Solving and Decision Making** (2018)
7. Training course on **Management Systems of Research Scientific References** (2016)
8. Training course on **Electronic Learning** (2016)
9. Training course on **Financial and Management aspects** (2016)
10. Training course on **Management, Legal and Marketing aspects** (2016)
11. Training course on **Management of Crises and Disasters** (2016)
12. Training course on **Strategic Planning** (2016)
13. Training course on **Organizing Scientific Conferences** (2012)
14. Training course on **Time and Meeting Management** (2012)
15. Training course on **Preparing Research Project** (2007)
16. Training course on **Writing Scientific Paper and International Publication** (2007)
17. Training course on **Teaching with Technology** (2007)
18. Training course on **Curriculum Design** (2007)
19. Training course on **Teaching Evaluation** (2006)
20. Training course on **Effective Presentations** (2005)
21. Training Course on **Effective Teaching** (2005)
22. Training course on **Methodologies in Scientific Research** (2005)
23. Training course on **Communication Skills** (2005)
24. Training course on **Scientific Thinking Skills** (2005)

❖ Workshops:

1. Workshop on **How to Design Integrated Courses** by Prof. Andries Koster (Utrecht University, Netherland), Helton Green Plaza, Alexandria, November 2019
2. Workshop on **Introduction to Competency-Based Education** by Dr. Reem Hafez (Alexandria University), Faculty of Medicine, Alexandria, October 2019
3. **Speaker** in Workshop on **Clinical Oral Diseases and Basic Drug Prescription**, Faculty of Medicine, Alexandria, March 2019
4. Workshop on **Egypt Government Excellence Award**. Faculty and Leadership Development Center (FLDC), Alexandria University. February 2019
5. Workshop on **eVAL Optical Mark Recognition (OMR) software (Electronic Marking)**. Faculty of Science, Alexandria University. 2019
6. Workshop on **Immunohistochemistry Techniques in Pathology and Their applications**. Medical Technology Center for Research and Services. Medical research institute, Alexandria University. 2013
7. Workshop on **Analysis of Research Results**. Medical Technology Center for Research and Services. Medical research institute, Alexandria University. 2007
8. Workshop on **How to Write a Research Protocol**. Medical Technology Center for Research and Services. Medical research institute, Alexandria University. 2007
9. Workshop for **Bio-Analytical Lab Workers Training**. Higher Education Enhancement Project Fund (HEEPF), Development and Application of Advanced instrumental Analysis and drug Quality Control Curriculum (DAQC) project, Faculty of Pharmacy Alexandria University. 2006
10. Workshop for **Analytical Chemists in Pharmaceutical Industry**. Higher Education Enhancement Project Fund (HEEPF), Development and Application of Advanced instrumental Analysis and drug Quality Control Curriculum (DAQC) project, Faculty of Pharmacy Alexandria University. 2006
11. Workshop for **Bio-Analytical Lab Workers Training**. Higher Education Enhancement Project Fund (HEEPF), Development and Application of Advanced instrumental Analysis and drug Quality Control Curriculum (DAQC) project, Faculty of Pharmacy Alexandria University. 2005
12. **Basic course in molecular biology** - (DNA/RNA structure, function and Purification. Medical Technology Center for Research and Services. Medical research institute, Alexandria University February 2008
13. **Intensive training course in the application of biotechnology**. Institute of Graduate Students and Research. Department of Biotechnology - Alexandria University August 2006
14. **Intensive training course in Bases of Protein Analysis**. Institute of Graduate Students and Research. Department of Biotechnology - Alexandria University March 2005
15. **Preparing the University Teacher**. Faculty of Education –Alexandria University April 1996
16. **Test of English as a Foreign language (TOEFL)** – American Embassy – Amid East- January 1996

Scientific Research:

❖ **Supervision of theses in Pharmacology (12 theses)**

1. **Effect of obesity on Cyclosporine blood trough level in Nephrotic syndrome patients** – Master thesis (Pharmacy Practice & Clinical Pharmacy) – Candidate: Enas Abdel Aziz Mohamed Abdel Aziz (Pharmacist – Faculty of Pharmacy – Alexandria University - Egypt) – 2021 -to present time
2. **Comparative study of the effectiveness and safety of Quetiapine and Olanzapine in the treatment of hyperactive delirium in the intensive care unit** – Master thesis (Pharmacy Practice & Clinical Pharmacy) – Candidate: Mohamed Sherif Ahmed Mohamed Salem (Pharmacist – Faculty of Pharmacy – Alexandria University - Egypt) – 2021 -to present time

3. **Modulatory effects of analgesics on cardiovascular and inflammatory manifestations of sepsis in rats**– Master thesis (Pharmacology & Toxicology) – Candidate: Mohamed Abdel Naby Ibrahim Darwish (Pharmacist – Faculty of Pharmacy – Alexandria University - Egypt) – 2019 -to present time
4. **A Comparative Study of Selected Remedies for Protection Against Experimentally-Induced Gastrointestinal Lesions in Rats** – Master thesis (Pharmacology & Toxicology) – Candidate: Rasha Mohamed Soliman (Pharmacist – Faculty of Pharmacy – Alexandria University - Egypt) – 2018 -2020.
5. **Nicotine interaction with sex-related hemodynamic and inflammatory influences of endotoxemia in rats.** – Master thesis (Pharmacology & Toxicology) – Candidate: Mohammed Abdalla El-Lakany (Pharmacist – Faculty of Pharmacy – Alexandria University - Egypt) – 2015 -2019.
6. **Heme oxygenase modulation of the hemodynamic interaction between cyclosporine and nonsteroidal anti-inflammatory drugs in rats** – Master thesis (Pharmacology & Toxicology) – Candidate: Kareem Samy El Sayed (Pharmacist – Faculty of Pharmacy – Alexandria University - Egypt) – 2013 to 2016.
7. **Comparative Study of Some Selected Remedies for Protection against Experimentally-Induced Ulcerative Colitis in Rats** - Master thesis (Pharmacology & Toxicology) – Candidate: Einas Ragab Ibrahim (Pharmacist – Faculty of Pharmacy – 7 April University – AlZawia -Libya) – 2012 to 2014.
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9. **Adenosinergic and estrogenic modulation of the interaction of nicotine with the renal vasculature in female rats** - Master thesis (Pharmacology) – Candidate: Lamia Khiery Elsalakawy (Pharmacist – Faculty of Pharmacy – Alexandria University - Egypt) – 2011 - 2014.
10. **Role of estrogenic pathways of nitric oxide synthase and heme oxygenase in the hemodynamic effects of nicotine in female rats** – Ph.D. thesis (Pharmacology) – Candidate: Mohamed Amin Fouda (Pharmacist – Faculty of Pharmacy – Alexandria University - Egypt) – 2011 - 2014.
11. **Investigation of the hemodynamic interaction between ethanol and antihypertensive medications in rats with acute renal failure** - Master thesis (Pharmacology) – Candidate: Osama Fathalla Harraz (Pharmacist – Faculty of Pharmacy – Alexandria University - Egypt) – 2007 - 2009.
12. **Vasculoprotective effect of pioglitazone on cyclosporine-induced vascular damage in rats** - Master thesis (Pharmacology) – Candidate: Khaled Soliman Hamed (Pharmacist – Faculty of Pharmacy – Alexandria University - Egypt) – 2007 - 2009.

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1. Salwa A. Abuiessa, Mai M. Helmy, **Hanan M. El-Gowell**, Sahar M. El-Gowilly, Mahmoud M. El-Mas. RAS Imbalances Account for Baroreflex Dysfunction and Neuroinflammation Induced by Postpartum Endotoxemia in Weaning Preeclamptic Rats. **Experimental Biology - FASEB J** May 2022 volume 36 No_1 supplement. <https://doi.org/10.1096/fasebj.2022.36.S1.R2960> (**Journal impact factor: 5.498, Top 10% in Biology**)
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4. Mohammed A El-Lakany, Mahmoud M El-Mas, **Hanan M El-Gowell**, Mohamed A Fouda, and Sahar M El-Gowilly. Nicotine Dose Dependently Uncovers Endotoxic Cardiovascular Manifestations of Hypotension and Autonomic Dysfunction in Female Rats. **Experimental Biology - FASEB J** April 2019 volume 33 No_1 supplement. Abstract number: 513.12. (**Journal impact factor: 5.498, Top 10% in Biology**)

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