

Hanan Mohamed Samir El-Gowelli

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Personal information:

Nationality: Egyptian

Current position: Vice Dean for Educational and Students Affairs,
Professor at the Department of Pharmacology & Toxicology
Faculty of Pharmacy – Alexandria University, Egypt.

Previous Position: 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: 14 Documents: **40** - Citations: **452** total citations by **321** documents

Subject area: **Pharmacology, Toxicology, Pharmaceutics, Biochemistry, Genetics and Molecular Biology, Neuroscience.** (<https://www.scopus.com/authid/detail.uri?authorid=7801444240> cited March 17, 2020)

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

Google Scholar i10-index:

Hanan M. El-Gowelli: *i10*- index = **18**, Citation = **538**

https://scholar.google.com/citations?user=_5g29acAAAAJ&hl=en cited March 17, 2020

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 (July 1987)**
El-Manar Girls' English School, Alexandria, Egypt.

Employment History:

Feb 2020 – to present time	Vice Dean for Educational and Students affairs , Faculty of Pharmacy, Alexandria University, Egypt
2019 – To present time	Member of the Executive Council of New and Specialized Programs , Faculty of Pharmacy, Alexandria University, Egypt
July 2019 – Jan 2020	Executive Director of the Quality Assurance Unit , Faculty of Pharmacy, Alexandria University, Egypt
2018 – To present time	Professor - Department of Pharmacology and Toxicology, Faculty of Pharmacy, Alexandria University, Egypt
2016 - 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)
2015 2016	Vice President of Central Labs. Faculty of Pharmacy, Alexandria University, Egypt
2013 -2018	Assistant professor - Department of Pharmacology and Toxicology, Faculty of Pharmacy, Alexandria University, Egypt.
2006 - 2013	Lecturer - Department of Pharmacology and Toxicology, Faculty of Pharmacy, Alexandria University, Egypt.
1997 - 2006	Assistant Lecturer - Department of Pharmacology and Toxicology, Faculty of Pharmacy, Alexandria University, Egypt.
1992-1997	Instructor - Department of Pharmacology and Toxicology, Faculty of Pharmacy, Alexandria University, Egypt.

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)**

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

- 1- Through the Continuous Improvement and Qualifying for Accreditation Project (CIQAP), and under the supervision of Prof. Mahmoud Mohy E-Din (Dean of the faculty), Prof. Nazik Elgindy (the president of the central lab at the faculty of Pharmacy) and I as well as our team were able to upgrade 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.

- 2- I and Prof. Mahmoud El-Mas, 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.
- 3- I participated in establishing all course specifications of my department for both undergraduates and postgraduates' studies from 2006 to present time. I was also involved in the Development of students' Assessment System Project (DSASP) to disseminate the culture of electronic marking of exams.
- 4- Now, 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.
- 5- I am also a member in the Executive Council of New and Specialized Programs.
- 6- I was responsible for development of Bylaws for the new PharmD program and the coordination with different departments for the development of courses descriptions.
- 7- In July 2019, I became 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.**
- 8- In February 2020, I became the vice dean of education and students' affairs.

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 the 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. The main goals of that plan were (1) delivering high quality education that conforms with the international standards, (2) preparing highly trained workforce according to the market needs, (3) implanting the self-learning and entrepreneurship spirit in the graduates, (4) Enhancing the research and teaching capabilities of the staff, and (5) reinforcing the corporate social responsibility.
- 2- I was also responsible for setting targets and indicators for each strategic goal and drafting the initiatives and activities for the execution plan and its Gantt Chart and monitoring the execution plan and writing periodic achievement reports for its follow up.
- 3- I was responsible for 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.
- 4- 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.
- 5- Being the Vice Dean for Educational Affairs, I was responsible for setting the educational timetables of the college and recruiting the part time professors and teaching assistants from other faculties to participate in delivering the courses. I was also responsible for coordination of different courses, organizing exams, checking the students appeals, 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.

- 6- Because our goal was to set international standards for the education, I mapped our curriculum to the Canadian international standards because it is the most updated internationally and widely accepted in Gulf countries and the Middle East and started contacting different universities worldwide seeking international collaboration. Eventually, I succeeded, with the University Dean, Prof. Hosny Fouad, in establishing memorandum of understanding (MOU) with the School of Pharmacy at Bradford university, for summer schools in UK for the Egyptian students and in Egypt for the British students for training in different fields of pharmacy practice. The MOU also included training of the staff on modern teaching methodology both in UK and as workshops by Bradford staff in Egypt.
- 7- 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.

Research Projects (6)

- **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)
- **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)
- **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)
- **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)
- **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)
- **Investigator in Alexandria University Research Enhancement Project (Alex REP) project:** Development of Nano-materials 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 (3)

- 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)

- Participation in the **Continuous Improvement and Qualifying for Accreditation Project (CIQAP) (2009 - 2011)**
- Participation in the **Development of students' assessment system Project (DSASP) (2009-2010)**

Memberships in Faculty Committees:

- ◇ Member in the Faculty council as the **Vice Dean for Educational and Students Affairs** (2020 – to present time)
- ◇ Head of Educational and Student Affairs Committee (Feb 2020 – to present time)
- ◇ 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 in the **College Council** at the College of Pharmacy -AASTMT (2016 -2018)
- ◇ Member of the **Academy Council for Students Affairs** -AASTMT (2016 -2018)
- ◇ 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)

❖ Quality Assurance Activities:

- 1- **Director of the Quality Assurance Unit**, Faculty of Pharmacy Alexandria University (2019 – to 2020)
- 2- **External Evaluator in NAQAAE** (2019 till present time)
- 3- Member in the **Faculty of Pharmacy Council** representative for the **Quality Assurance Unit** (2011-2012, 2019)
- 4- In Charge of the Faculty of Pharmacy **Strategic Planning Committee** (2019 – to present time)
- 5- Member in the **Committee for Enhancement of the Management System** at the Faculty of Pharmacy (2009 – 2016)
- 6- Member in the **Quality Assurance Unit** in the faculty of pharmacy (2008 -2016)
- 7- Attended the **First Scientific Conference for Quality assurance of Education** - Cairo University: Quality Assurance the Road to Excellence and innovation – July 2009
- 8- Attended the **6th International Conference for NAQAAE: Quality Assurance of Education: Planning International – Acting Regional** - Cairo – April 2019
- 9- Attended workshop on **Program Accreditation: Concepts and Principles**. Cairo – April 2019

- 10- Attended workshop on **Programs and Courses Descriptions and Specifications and Assessment of Educational Outcomes for Faculties and Institutes of Higher Education**. Cairo – 2019
- 11- Attended workshop on **Strategic Planning for Faculties and Institutes of Higher Education**. Cairo – 2019
- 12- Attended workshop on **Self-Assessment for Faculties and Institutes of Higher Education**. Cairo – 2019
- 13- Attended workshop on **External Evaluation for Faculties and Institutes of Higher Education**. Cairo – 2019

❖ Conferences Attended:

1. **Session Moderator** in The International Conference of **Pharmaceutical and Health Care Sciences** (November 2019)
2. 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)
3. Biovision Alexandria 2016: **New Life science: The Road Ahead**, Bibliotheca Alexandrina, Alexandria, Egypt April 2016
4. Annual Breast Cancer Conference. Alexandria Regional Center For women Health Development. December 2nd 2015.
5. Biovision Alexandria 2014: **New Life science: The next decade**, Bibliotheca Alexandrina, Alexandria, Egypt April 2014
6. 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
7. The 14th Arab International Conference of Material Science. **“Materials for Biomedical Applications”**, Alexandria, Egypt 2013
8. 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
9. 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
10. The First Scientific Conference for Quality assurance of Education - Faculty of Physiotherapy – Cairo University: **Quality Assurance the Road to Excellence and innovation** – July 2009
11. The 6th Integrated Symposium, Faculty of Medicine, Alexandria University, The Egyptian Association of Advancement in Medical Basic Sciences (EAMBS): **Parasitic Liver Diseases** March 2009
12. 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
13. The 12th Conference of the Medical Research Institute- Alexandria University: **Advances in Medical Research** November 2006
14. Biovision Alexandria 2006: **Changing lives**, Bibliotheca Alexandrina, Alexandria, Egypt April 2006

❖ Leadership Training Courses:

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

1. Training course on **University Laws and Regulations** (2018)
2. Training course on **Executive Leadership Skills Development** (2018)
3. Training course on **Strategic Thinking and Leadership** (2018)
4. Training course on **Innovative Problem-Solving and Decision Making** (2018)
5. Training course on **Management Systems of Research Scientific References** (2016)
6. Training course on **Electronic Learning** (2016)
7. Training course on **Financial and Management aspects** (2016)
8. Training course on **Management, Legal and Marketing aspects** (2016)
9. Training course on **Management of Crises and Disasters** (2016)
10. Training course on **Strategic Planning** (2016)
11. Training course on **Organizing Scientific Conferences** (2012)

12. Training course on **Time and Meeting Management** (2012)
13. Training course on **Preparing Research Project** (2007)
14. Training course on **Writing Scientific Paper and International Publication** (2007)
15. Training course on **Teaching with Technology** (2007)
16. Training course on **Curriculum Design** (2007)
17. Training course on **Teaching Evaluation** (2006)
18. Training course on **Effective Presentations** (2005)
19. Training Course on **Effective Teaching** (2005)
20. Training course on **Methodologies in Scientific Research** (2005)
21. Training course on **Communication Skills** (2005)
22. Training course on **Scientific Thinking Skills** (2005)
23. Training course on **Code of Ethics** (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 (9 theses)

1. **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 to present time.
2. **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 to present time.
3. **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.
4. **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.
5. **The individual and combined renal and hemodynamic effects of cyclosporine and non-steroidal anti-inflammatory drugs in rats** – Master thesis (Pharmacology & Toxicology) – Candidate: Rabab Mohamed Ali (Pharmacist – Faculty of Pharmacy – Pharos University - Egypt) – 2012 – 2014.
6. **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.
7. **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.
8. **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.
9. **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.

❖ Abstracts Published in Conferences (34):

1. Mohammed A El-Lakany, Mohamed A Fouda, **Hanan M El-Gowell**, and Mahmoud M El-Mas. Estrogen Receptor- α Counterbalances the Endotoxic Inflammatory Response and Associated Arterial Baroreflex Dysfunction in Ovariectomized Rats. **Experimental Biology - FASEB J** April 2019 volume 33 No_1 supplement. Abstract number: 513.5. (**Journal impact factor: 5.498, Top 10% in Biology**)
2. 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**)
3. Mahmoud M. El-Mas, Mohammed A. El-Lakany, Mohamed A. Fouda, and **Hanan M. El-Gowell**. The Provoked Cardiovascular and Autonomic Effects of Endotoxemia in Ovariectomized Rats Are Distinctly Affected by Estrogen and Progesterone Supplementation. **Experimental Biology - FASEB J** April 2018 volume 32 No_1 supplement. Abstract number: 697.1. (**Journal impact factor: 5.498, Top 10% in Biology**)
4. Sarah K. Amer, Ahmed Fathy Ahmed, **Hanan M. El-Gowell**, Basant M. Salama, Mohamed A. Elkholy. Evaluation of the association between Schizophrenia and Herpes Viruses infection: A computerized literature review. **DUPHAT 2017** (Dubai International and Technologies Conference & Exhibition) in Dubai International

Convention Center, Dubai, United Arab Emirates (Professional Poster Session and Oral Presentation- Awarded the Third Place in Professional Presentations)

5. Yassmina Elsayed, Shaimaa Elabbasy, Khairy Emad, Samer Osama, Mohamed Ateeba (Students), Yousra El-Banna, MSc, **Hanan M. El-Gowell**, PhD (Supervisors). Assessment of Research Conducted On Algae Worldwide for Discovery of Bioactive Molecules to Treat Different Ailments. **DUPHAT 2017** (Dubai International and Technologies Conference & Exhibition) in Dubai International Convention Center, Dubai, United Arab Emirates (Student Poster Session and Oral Presentation)
6. Karim S Ibrahim, Ahmed F El-Yazbi, **Hanan M El-Gowell**, and Mahmoud M El-Mas. Heme oxygenase byproducts variably influences myocardial and autonomic dysfunctions induced by the cyclosporine/diclofenac regimen in female rats. **Experimental Biology - FASEB J** April 2017 31:1070.13. **Journal impact factor: 5.498, Top 10% in Biology)**
7. Mahmoud M El-Mas, Karim S Ibrahim, Ahmed F El-Yazbi, and **Hanan M El-Gowell**. Modulation by NADPH-ox/Rho-kinase signaling of the cyclosporine-NSAIDs interactions on blood pressure and baroreflexes in female rats. **Experimental Biology - FASEB J** April 2017 31:848.1. **Journal impact factor: 5.498, Top 10% in Biology)**
8. Mohammed A El-Lakany, **Hanan M El-Gowell**, Mohamed A Fouda, Sahar M El-Gowilly, and Mahmoud M El-Mas. Gonadal Hormone Receptors Underlie the Resistance Of Female Rats To Cardiovascular Complications Of Endotoxemia. **Experimental Biology - FASEB J** April 2017 31:848.4. **Journal impact factor: 5.498, Top 10% in Biology)**
9. Marwa Y Sallam, Sahar M El-Gowilly, **Hanan M El-Gowell**, and Mahmoud M El-Mas. The $\alpha 7/\alpha 4\beta 2$ nAChRs Alleviate The Hypotension And Altered Cardiac Sympathovagal Balance Evoked By Endotoxemia In Male Rats. **Experimental Biology - FASEB J** April 2017 31:848.3. **Journal impact factor: 5.498, Top 10% in Biology)**
10. Mahmoud El-Mas, Karim Ibrahim, Ahmed El-Yazbi, Nevine M El-Deeb, and **Hanan El-Gowell**. Modulation of NADPH oxidase/Rho kinase oxidative pathway of chronic cyclosporine-Diclofenac hemodynamic interaction in female rats. **Experimental Biology - FASEB J** April. 2016 30: 716.8. **(Journal impact factor: 5.498, Top 10% in Biology)**
11. Karim Ibrahim, Ahmed El-Yazbi, **Hanan El-Gowell** and Mahmoud El-Mas. Divergent Effects for Celecoxib and Diclofenac on Hemodynamic and Left Ventricular Actions of Cyclosporine in Female Rats. **Experimental Biology - FASEB J** April. 2015 29: 1025.11. **(Journal impact factor: 5.498, Top 10% in Biology)**
12. MA Fouda*, **HM El-Gowell**, SM El-Gowilly, MM El-Mas. Hemin blunts the depressant effect of chronic nicotine on reflex tachycardia in female rats via activation of central NOS/PI3K pathway. **Pharmacology 2015. British Pharmacological Society**. The Queen Elizabeth II conference center. London. Tuesday 15th December: Poster session - Basic Pharmacology - 16:30 - 18:00
13. **Hanan El-Gowell**, Mariam .A. Badawi, Hoda Omar³, Ahmad Bassiouny, Mona Marei and Labiba El-Khordagui. Novel antimicrobial nanofiber-reinforced chitosan membrane for enhanced healing of infected wounds. **Biovision 2014**
14. Nesma El-Sayed, Sally Galal, **Hanan El-Gowell**, Hoda Omar and Labiba El-Khordagui. Methylene Blue-nanofibers for photodynamic therapy of infected wounds in immunocompromized rats. **Biovision 2014**
15. Mahmoud El-Mas, **Hanan El-Gowell**, Mohamed Fouda and Sahar El-Gowilly. The interplay between heme oxygenase and nitric oxide synthase and downstream PI3K/sGC/ERK signaling ameliorates the estrogen-dependent depressant effect of chronic nicotine on reflex bradycardia. **Experimental Biology - FASEB J** April. 2014 28: 837.2. **(Journal impact factor: 5.498, Top 10% in Biology)**
16. Mahmoud El-Mas, Sahar El-Gowilly, Lamia Elsalakawy and **Hanan El-Gowell**. Estrogen compromises the facilitatory effect of chronic nicotine on adenosine A_{2B} receptor/K⁺ channel-mediated renal

- vasodilations. **Experimental Biology - FASEB J April. 2014 28: 837.3. (Journal impact factor: 5.498, Top 10% in Biology)**
17. Mariam A Badawi, **Hanan M El-Gowell**, Hoda Omar, Ahmad Raafat, Mona Marei and Labiba K El-Khordagui. Composite of anti-microbial nanofiber-reinforced chitosan membrane for wound healing. The 14th **Arab International Conference of Material Science**. "Materials for Biomedical Applications", Alexandria, Egypt 1-3 December 2013, Abstract booklet page 82.
 18. Nesma El-Sayed, Sally Galal, **Hanan El-Gowell**, Hoda Omar and Labiba El-Khordagui. Wound Healing Properties of Methylene Blue-Eluting Nanofibers in an Immunocompromized Rat Model. The 14th **Arab International Conference of Material Science**. "Materials for Biomedical Applications", Alexandria, Egypt 1-3 December 2013, Abstract booklet page 90.
 19. Nesma El-Sayed, Sally Galal, **Hanan El-Gowell** and Labiba El-Khordagui. Methylene Blue-loaded Polyhydroxybutyrate Membranes for Reduction of Post-surgery Peritoneal Adhesions. **DUPHAT 2013** (Dubai International and Technologies Conference & Exhibition) in Dubai International Convention Center, Dubai, United Arab Emirates. (Professional Poster Session and Oral Presentation)
 20. Mahmoud M El-Mas, **Hanan M El-Gowell**, Mohamed A Fouda and Sahar M El-Gowilly: Modulation Of The Baroreflex Depressant Effect Of Chronic Nicotine In Female Rats By Nitric Oxide Synthase And HemeOxygenase. **Experimental Biology - FASEB J April. 2013 27:654.5. (Journal impact factor: 5.498, Top 10% in Biology)**.
 21. Eman M Gohar, Sahar M El-gowilly, **Hanan M El-Gowell**, and Mahmoud M El-Mas. Nicotine Paradoxically Alters the Facilitatory Action Of Estrogen And Progesterone On Adenosine Receptor-Mediated Renal Vasodilations. **Experimental Biology - FASEB J April. 2013 27:654.6. (Journal impact factor: 5.498, Top 10% in Biology)**
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 23. Mahmoud M El-Mas, Rabab M Abdel-Halim, Maged W Helmy, and **Hanan M El-Gowell**. Endothelin ETA/ETB receptors modulate the hemodynamic interaction of cyclosporine with selective and nonselective nonsteroidal antiinflammatory drugs in rats. **Experimental Biology - FASEB J April., 2013 27:654.8. (Journal impact factor: 5.498, Top 10% in Biology)**
 24. Maged W Helmy, **Hanan M El-Gowell**, Rabab M Abdel-Halim, and Mahmoud M El-Mas. Aggravated Nephrotoxicity Evoked By Concurrent Exposure To Cyclosporine And Indomethacin In Rats: Role Of The Endothelin ETA Receptor/TGF-beta/COX-2 Pathway. **Experimental Biology - FASEB J April., 2013 27:654.10. (Journal impact factor: 5.498, Top 10% in Biology)**
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 26. Mahmoud M El-Mas, **Hanan M El-Gowell**, Mohamed A Fouda, and Sahar M El-gowilly. Inhibition of The Estrogen-Mediated Cardiac Vagal Control Accounts For The Baroreflex Depressant Effect Of Chronic Nicotine In Female Rats. **Experimental Biology - FASEB J March. 2012 26:1124.9. (Journal impact factor: 5.498, Top 10% in Biology)**
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2. Sallam MY, El-Gowilly SM, **El-Gowell HM**, El-Lakany MA, El-Mas MM. Additive counteraction by $\alpha 7$ and $\alpha 4\beta 2$ -nAChRs of the hypotension and cardiac sympathovagal imbalance evoked by endotoxemia in male rats. *Eur J Pharmacol*. 2018 Sep 5;834:36-44. doi: 10.1016/j.ejphar.2018.07.008. (**Impact Factor (2016): 2.896, Top 50% Pharmacology & Pharmacy**)
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Documents

1- Employment history



بيان بالحالة العلمية والوظيفية
للسيدة الاستاذة الدكتور/ حنان محمد سمير مرسى الجويلي

الحالة العلمية :

- درجة البكالوريوس فى العلوم الصيدلانية من كلية الصيدلة - جامعه الاسكندرية دور يونيو عام ١٩٩٢ بتقدير ممتاز مع مرتبه الشرف .
- درجة الماجستير فى العلوم الصيدلانية (أقربازين) من كلية الصيدلة - جامعه الإسكندرية فى ١٩٩٧/٣/٢٥ .
- درجة الدكتوراه فى العلوم الصيدلانية (أقربازين) من كلية الصيدلة - جامعه الاسكندرية فى ٢٠٠٦/٥/٣٠ .

الحالة الوظيفية :

- معيد بقسم علم الأدوية والسموم بالكلية اعتبارا من ١٩٩٢/١١/٤ .
- مدرس مساعد بقسم علم الأدوية والسموم بالكلية اعتبارا من ١٩٩٧/٦/٢ .
- مدرس بقسم علم الأدوية والسموم بالكلية اعتبارا من ٢٠٠٦/٦/٢٨ .
- استاذ مساعد علم الأدوية والسموم بالكلية اعتبارا من ٢٠١٣/٢/٢٦ .
- استاذ علم الأدوية والسموم بالكلية اعتبارا من ٢٠١٨/٤/٢٤ .

بيانات أخرى:

- أعيرت للعمل بالاكاديمية العربية للعلوم والتكنولوجيا والنقل البحري اعتبارا من ٢٠١٦/٩/١ حتى ٢٠١٨/١٠/٣٠

عميد الكلية

تحريرا فى ٢٠١٩/٢/٢١

٤٥ نزهة
خديجة احمد اسماعيل



مرسى

قرار رئيس الجامعة رقم ١١٤ بتاريخ ١١/١٢/٢٠١٩ م

رئيس الجامعة:

- بعد الاطلاع على القانون رقم ٤٩ لسنة ١٩٧٢ بشأن تنظيم الجامعات والقوانين المعدلة له،
- وعلى قرار السيد رئيس الجمهورية رقم ٨٠٩ لسنة ١٩٧٥ باللائحة التنفيذية لقانون تنظيم الجامعات والقرارات المعدلة له،
- وعلى ما عرضته السيدة أ.د/ عميد كلية الصيدلة بتاريخ ٣ / ١٢ / ٢٠١٩ بتعيين السيدة أ.د/ حنان محمد سمير مرسي الجويلي الأستاذ بقسم الأدوية والسموم بكلية الصيدلة وكيلاً للكلية لشئون التعليم والطلاب

ق ر ر

- مادة (١):** تعيين السيدة الأستاذة الدكتور/ حنان محمد سمير مرسي الجويلي -الأستاذة بقسم الأدوية والسموم بكلية الصيدلة وكيلاً للكلية لشئون التعليم والطلاب لمدة ثلاث سنوات اعتباراً من تاريخه
- مادة (٢):** على جميع الجهات المختصة تنفيذ هذا القرار.

رئيس الجامعة

أ.د. عصام الكردي

لعمري
١١/١٢/٢٠١٩
١١/١٢/٢٠١٩

رزق

A00F000101 Rev(2).15/7/2018

جمهورية مصر العربية - الشاطبي ٢١٥٢٦ - الإسكندرية
ت: ٥٩١١١٥٢ (+٢٠٣) ٥٩١٠٠٩٦ (+٢٠٣) ف: ٥٩١٠٧٢٠ (+٢٠٣)
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الاسكندرية في 2016/10/16

السيدة الدكتورة/ حنان محمد سمير مرسى الجويلي

تحية طيبة وبعد ،،،

تشرف الأكاديمية العربية للعلوم والتكنولوجيا بأن تهدي إليكم أسس آيات التقدير والعرفان.

يرجى العلم بأنه سيتم تكليف سيادتكم بالعمل كوكيل كلية الصيدلة لشئون التعليم والطلاب ورئيساً لقسم العلوم الاكلينيكية اعتباراً من 2016/09/01.

وتفضلوا بقبول فائق الاحترام والتقدير،،،

رئيس الأكاديمية

أ.د. / إسماعيل عبدالفتار إسماعيل فرج

2- Membership of American Society of Pharmacology & Experimental Therapeutics (ASPET):

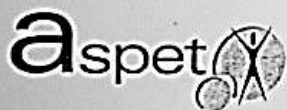
Certificate of Membership

*Member of the American Society for Pharmacology and
Experimental Therapeutics*

Hanan M. El Gowell, PhD

Membership Number: 21173

*This certificate of membership is extended this
9th Day of December 2010*



Christine K. Carrico

Christine K. Carrico, PhD, Executive Officer

3-Publications:

(These Documents were presented in March 15, 2019 to the National Board of Pharmacy Promotion Committee (Pharmacology & Clinical Pharmacy) to join the board)



كلية الصيدلة

السيد الأستاذ الدكتور / محمد لطيف

أمين عام المجلس الأعلى للجامعات

تحية طيبة وبعد ،،،

يرجى التكرم بالموافقة على السماح بتقديم السيدة الأستاذة الدكتورة/حنان محمد سمير الجويلي الأستاذة بكلية الصيدلة جامعة الاسكندرية إلى قائمة اللجنة العلمية الدائمة (الفارماكولوجي و الصيدلة الاكلينيكية) أو إلى قائمة المحكمين للانتاج العلمي للدورة الثالثة عشر (٢٠١٩-٢٠٢١).

وأشرف بالإحاطة أنه بالاطلاع على ملف خدمة سيادتها تبين أنه لا يوجد لديه أي جزاءات وغير محال إلى مجلس تأديب ولم يرد بملف خدمته ما يفيد صدور أي أحكام ضده.

وتفضلوا بقبول فائق الاحترام والتقدير ،،،

عميد الكلية

خديجة إسماعيل



El-Gowelli, Hanan M.

[View potential author matches](#)

Affiliation(s): [i](#)

Alexandria University, Alexandria, Egypt [View more](#) ▼

Subject area: [Pharmacology, Toxicology and Pharmaceutics](#) [Biochemistry, Genetics and Molecular Biology](#) [Medicine](#)
[Agricultural and Biological Sciences](#) [Materials Science](#) [Neuroscience](#) [Chemical Engineering](#) [Engineering](#) [Chemistry](#)

Documents by author

41

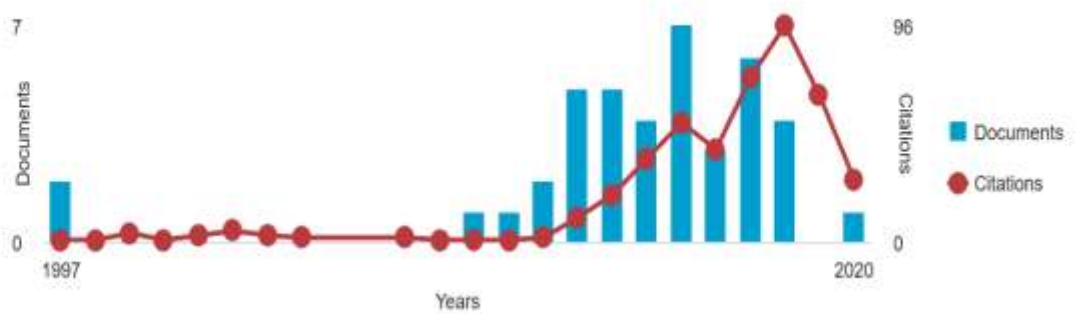
Total citations

452 by 321 documents

h-index: [i](#)

14

Document and citation trends:



<https://www.scopus.com/authid/detail.uri?authorId=7801444240>

4- Examples of the Awards:

ARAB COMPANY
FOR DRUG INDUSTRIES AND MEDICAL APPLIANCES
ACDIMA

Amman - Jordan

Established by a resolution of the Arab Economic Unity Council



الشركة العربية
للصناعات الدوائية والمستلزمات الطبية
أكديما

عمان - الأردن

أسست بقرار من مجلس الوحدة الاقتصادية العربية

Ref :

الرقم : 175/1/3

Date :

التاريخ : 2013/2/5

جائزة أكديما لأفضل بحث علمي لعام 2012 ACDIMA RESEARCH AWARD 2012

يسرنا الإعلان بأن جائزة أكديما لأفضل بحث علمي لعام 2012 حصل عليها البعثان التاليان مناصفة وهما:

البحث الأول: 3, 5-Disubstituted thiadiazine-2-thiones: New cell-cycle inhibitors

الباحثون: أ.د. طارق أبو الفضل
عواد عبده رضوان
عبد الله الضفيان
محمد كمال عبد الحميد
عبد الله عبد العزيز البدر

الجامعة: جامعة أسيوط - جمهورية مصر العربية

البحث الثاني: Bioburden-responsive antimicrobial PLGA ultrafine fibers for wound healing

الباحثون: أ.د. لبيبة خليل الخردجي
أ.د. نبيلة عبدالرحيم برعي
د. حنان الجويلي
د. عفاف خميس العوفي
عمر محمد الحلفاوي
سميراء سمير سعيد

الجامعة: جامعة الإسكندرية - جمهورية مصر العربية

وستقيم الشركة حفلا لتقديم الجائزتين للفائزين في مقرها بعمان - المملكة الأردنية الهاشمية فور الانتهاء من اجتماع الجمعية العامة العادية للشركة المقرر عقده يوم الخميس الموافق 2013/6/6. وإذ نهئى الفائزين بهذه الجائزة، لتنتقل إلى المزيد من التوفيق والنجاح والمواصلة في التميز في خدمة البحث والتطوير في جميع مجالات العلوم الصيدلانية التطبيقية. كما نقدم شكرنا لجميع الذين شاركوا في هذه الجائزة متمنين أن بحالفهم الحظ مستقبلا.



هاتف : 962-6-5821618 فاكس : 962-6-5821649 ص.ب : 925161 عمان 11190 الأردن بريد إلكتروني : acdima@go.com.jo
Tel.: 962-6-5821618 Fax :962-6-5821649 P.O.Box : 925161 Amman 11190 Jordan e-mail: acdima@go.com.jo
Website : www.acdima.com



شهادة تقدير وتكريم

قرر مجلس جامعة الاسكندرية بجلسته المنعقدة في ٢٥/ ١١/ ٢٠١٤ منح

السيدة الدكتور **حنانا محمد سمير الجويلى**
الاستاذ المساعد بقسم علم الادوية دكتوراه بكلية الصيدلة
جائزة الجامعة للتشجيع العلمي لعام ٢٠١٤

تقديراً لتميزه وتحفيزاً لاستمراره في أداء رسالته البحثية لخدمة العلم والمجتمع

رئيس جامعة الاسكندرية


اداء شكري لقرانه

5- List of Research Projects:



كلية الصيدلة
قسم علم الأدوية و السموم

بيان بالمشروعات البحثية والتعليمية المقدمة من الدكتورة/ حنان محمد سمير الجويلي
للحصول على اللقب العلمي وشغل وظيفة استاذ بقسم علم الأدوية و السموم - كلية صيدنة -
جامعة الاسكندرية

(i) المشروعات البحثية:

- باحث مشارك للباحث الرئيس (Co-Principle Investigator) في الفريق البحثي لمشروع " Sexual and molecular dimorphism in nicotine protection against renal and hemodynamic derangements of endotoxic shock " - الممول من خلال صندوق العلوم و التنمية التكنولوجية STDF-ID 14895 (2015-2018).
- باحث مشارك للباحث الرئيس (Co-Principle Investigator) في الفريق البحثي لمشروع " Heme oxygenase modulation of cardiovascular derangements evoked by the combined cyclosporine/NSAIDs regimen in rats: Functional, structural, and molecular studies " - الممول من Alexandria University Research Fund - AURF - Alexandria University Research Enhancement Program (Alex REP) (2011-2016).
- باحث مشارك للباحث الرئيس (Co-Principle Investigator) في الفريق البحثي لمشروع " Effect of hyperlipidemia on Posaconazole-Vincristine Drug-Drug Interaction in Rat " - الممول من خلال صندوق العلوم و التنمية التكنولوجية STDF-ID5575 (2011-2016).
- باحث مشارك للباحث الرئيس (Co-Principle Investigator) في الفريق البحثي لمشروع " Hemodynamic and renal effects of nicotine in rats with surgical menopause " - الممول من خلال صندوق العلوم و التنمية التكنولوجية STDF-ID 502 (2010-2013).
- باحث (Researcher) في الفريق البحثي لمشروع " A nano-technological approach to the enhancement of drug delivery systems for photodynamic therapy " - الممول من خلال صندوق دعم البحث العلمي بجامعة الإسكندرية (Alexandria University Research Fund - AURF) Research Enhancement Program (ALEXREP) (2010-2013).
- باحث (Researcher) في الفريق البحثي لمشروع " Development of Nano-materials for drug delivery systems, sensors, and photovoltaic applications " - الممول من خلال صندوق دعم البحث العلمي بجامعة الإسكندرية (Alexandria University Research Fund - AURF) Research Enhancement Program (ALEXREP) (2007-2009).

(ii) المشروعات التعليمية:

- عضو الفريق التنفيذي في مشروع " التطوير المستمر و التأهيل للاعتماد CIQAP " في كلية الصيدلة - جامعة الإسكندرية (2009-2010)
- عضو بمشروع " تطوير نظم تعليم الطلاب و الامتحانات في جامعة الإسكندرية " و الممول من إدارة مشروعات تطوير التعليم العالي (2010-2011)

رئيس مجلس قسم علم الأدوية و السموم
أ.ب.محمود محمد محمود العباس

عميد الكلية

وكيل الكلية لشؤون الدراسات العليا

6- Examples of attended leadership workshops:



جامعة الإسكندرية
ALEXANDRIA
UNIVERSITY

Attendance Certificate

Faculty and Leadership Development Center

This is to certify that

Dr. Hanan Mohamed Samir El-Gowelli
Prof. Dr. - Faculty of Pharmacy - Alexandria University

Completed the Training Matrix
To Qualify the Leaders

شهادة حضور

مركز تنمية قدرات أعضاء هيئة التدريس والقيادات
بإسكندرية

المسيدة الأستاذة الدكتور / حنان محمد سمير الجويلي
أستاذة كلية الصيدلة - جامعة الإسكندرية

قد أتم حضور مصفوفة البرامج التدريبية
لتأهيل القيادات

Training Program

- 1- University Financial Aspects
- 2- University Laws and Regulations
- 3- Executive Leadership Skills Development
- 4- Strategic Thinking and Leadership
- 5- Innovative Problem - Solving and Decision - Making

Period

5,12,13 March 2016	الفترة ٥،١٢،١٣ مارس ٢٠١٦
31 October 2018	٣١ أكتوبر ٢٠١٨
1 - 2 December 2018	٢-١ ديسمبر ٢٠١٨
2 - 3 December 2018	٣-٢ ديسمبر ٢٠١٨
8 December 2018	٨ ديسمبر ٢٠١٨

البرنامج التدريبي

- ١- الجوانب المالية والإدارية
- ٢- القوانين واللوائح الجامعية
- ٣- تنمية مهارات القيادة التنفيذية
- ٤- القيادة والفكر الإستراتيجي
- ٥- ابتكارية حل المشكلات وصنع القرار

Executive Director

18/5/13
2019

Dr. Abdelaziz F. Omara

رئيس الدورة
الاسم
اللقب

Certified by




المدير التنفيذي
أ.د.م/ عبد العزيز إبراهيم سلامة

0071174

7- Photos showing some of the educational spaces that I played a principle role in their renewal and upgrading (the simulation lab and the animal house) at the Faculty of Pharmacy – Alexandria University during the CIQAP:

- ▶ I established the **New Animal House** with **Professor Mahmoud El-Mas** chairman of the department of Pharmacology and Toxicology with minimum cost using locally manufactured utilities

Before renewal



After renewal



- ▶ I participated with **Professor Nazik Elgindy** in the development and **upgrading of all the old students/research laboratories** in the Faculty of Pharmacy at Alexandria University through my experience in (1) assessment of students' educational needs, (2) purchasing equipment and (3) designing of different kinds of research and educational facilities.

Before renewal



After renewal



8- Photos showing the activities of my Students at the Arab Academy for Science, Technology & Maritime Transport:



New Alamein Building

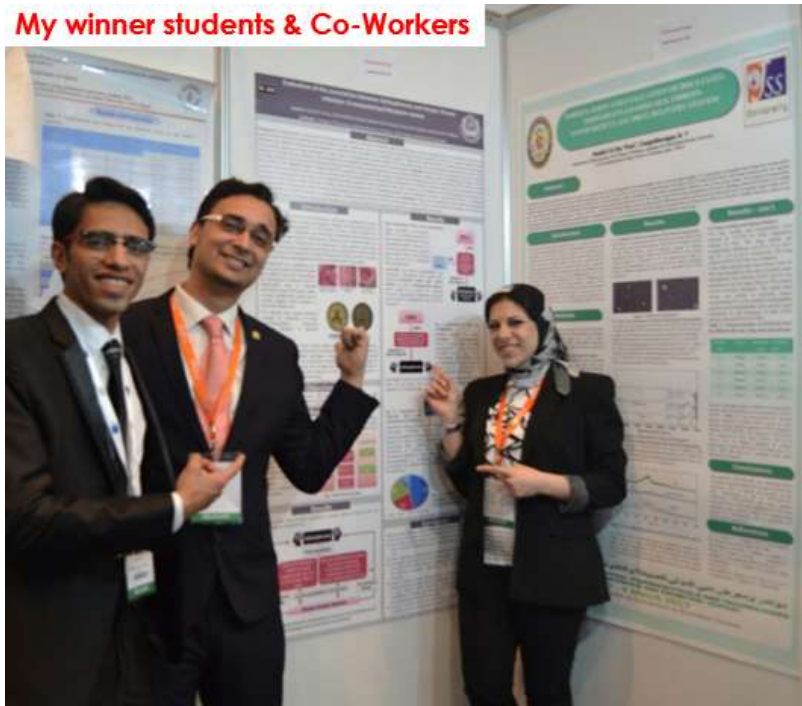


New Labs



Abukir Building

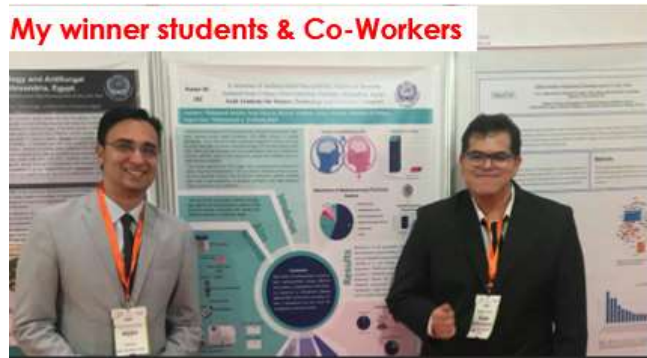
My winner students & Co-Workers



DUPHAT 2017



My winner students & Co-Workers



DUPHAT 2018



Fundays, sports day, visits to pharmaceutical factories and hospitals, youth leadership enhancement programs...etc.





The Participation of the Students' Union of the College of Pharmacy in I Lead AAST Program for Enhancement of Youth Leadership 2017



Participation of the College of Pharmacy in the International Forum of the Youth in Sharm El-Sheikh 2017



Fourth National Youth Conference in Alexandria 2017

57357 Hospital Visit

