

Faculty of Pharmacy



Faculty Achievements

2019 - 2020



The Best British Higher Education in Egypt

Validated by



2019 - 2020



Organization Committee

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Dean's Word



Prof. Dr. Hanan Al-Leithy
Dean of Faculty of Pharmacy
MSA University

"We aim to graduate distinguished talented pharmacists able to compete in the work field. The faculty helps our students to explore different aspects of college life besides an enriching academic plan as it is important to establish a healthy balance between both. I am proud to say that our students have not only excelled academically but have shown outstanding skills in competitions, events participation, conferences and awareness campaigns.

Our staff is a fundamental asset of the faculty, their achievements reflect directly on our performance as a whole. They invest their time, effort and care to our students. Moreover, their contribution in the scientific field is marked through many publications in reputable scientific journals. We have witnessed many promotions throughout the departments in a short period of time, their devotion to their students and work is greatly appreciated.

We believe that a great career is built on a history of contributions as unique as the person who achieved them so it is with great pleasure I present this book as a tribute to the achievements of our faculty."



Acknowledgments

On Behalf of MSA University, we would like to thank the following respectable pharmaceutical companies for their generous contributions to our faculty activities. We are indeed grateful to you for your enthusiastic support.





Contents

Item	Page Number
<u>External Examiners and Guests Quotes</u>	4 - 6
<u>Extracurricular activities</u>	8 - 19
<ul style="list-style-type: none">• EPSF activities & campaigns• SMC awareness campaigns• Nutrition awareness campaigns• Visits	8 -11 12 13 - 16 17 - 19
<u>Research Publications</u>	21 - 40
<ul style="list-style-type: none">• Author of the year• Statistics of pharmacy publications• Staff Publications	21 22 23 - 40
<u>Academic events</u>	46 - 61
<ul style="list-style-type: none">• Conferences• (MWHO) 1st International health Simulation Model Conference• Summer Training• Scientific Days• Workshops• Seminar	46 - 51 52 53 54 - 57 58 - 59 60 - 61
<u>Awards & Comptitions</u>	62 - 68
<u>Staff Promotions & Accomplishments</u>	67 - 68
<u>Alumni Quotes</u>	69 - 70



External Examiners and Guests Quotes



"MSA University is one of few universities that offer many training opportunities to its students which is crucial to prepare them for the work field"

Dr. Amr Naggar

Head of Clinical Pharmacy Department
Araby Hospital & Maadi Military Hospital

I commend MSA for providing professional training to its students, not only do these students learn theoretical basics but they can apply their knowledge in real life situations



Dr. Mohammed Farouk

Head of Clinical Pharmacy & Clinical
Nutrition Department
Moallemeen Hospital



I thank MSA for hosting such an important conference highlighting the latest in the field of pharmacology

Prof. Dr. Mohey Mazar

Dean of Faculty of Pharmacy-BUE
Member of the Board of Directors of ESPET

It was a pleasure having MSA students as trainees in our pharmacies. They were dedicated young pharmacists always willing to learn more.



Dr. Walaa Attia

Manager of Abo Ali Pharmacies

External Examiners and Guests Quotes



Training is an important aspect of learning, so by allowing these students to be exposed to practical experience will make them stand out in the competitive work field.

Dr. Yasser El Sayed
EPICO Labs

Egyptian plans to fight antimicrobial resistance by different ways and everyone should be a part of that plan. Community service by MSA students and awareness effort should be a model for others to follow.



Dr. Omar Abo El Atta
WHO Office



It is great how MSA organizes conferences with distinguished speakers that share their knowledge with the students, raising their awareness and surely will lead to innovative graduates keen on research and a bright career in the work field pharmacological searches.

Prof. Dr. Nadia Zakhary
Professor of Biochemistry
Former Minister of Scientific Research

The conference held in MSA is an important event as it raises awareness amongst students about the importance of medical input and pharmaceutical revolution in improving human health and treating challenging diseases



Prof. Dr. Hussein Khaled
Professor of Medical Oncology
Former Minister of Higher Education

External Examiners and Guests Quotes



Dr. Katerina Lalatsa

Lecturer of Pharmaceutics & Drug delivery Greenwich University

I think MSA is a great university, it offers its students many opportunities, both in terms of their education and career development.



Dr. Samer El Daher

Head of the Sciences Department
Greenwich University



Dr. Sally Alsford

Deputy Head of Educational Development Unit
Greenwich University

The academic staff in MSA are so keen to learn and see what other people are doing and to learn from other people examples and think how they can use it to improve themselves. Their commitment to their students is impressive



Dr. Melanie Thorley

Accessibility Team Coordinator
Greenwich University

Because MSA has been very brave, I think MSA is going to be a leader in Egypt not only Cairo



In July 2019, a group of the most important projects and scientific researches were presented and discussed during the **“opening ceremony to discuss the graduation projects for undergraduate students at the Faculty of Pharmacy”** in the presence of the University of Greenwich representatives, a group of pharmacy faculties’ members from various universities and representatives of the drug industry in Egypt.

The extinguished projects were about using the roots of the Nile rose and rice straw in purifying the wastewater, discovery of innovative effective scientific solutions to treat the problem of osteoporosis, preparation of creams to treat wrinkles using nanotechnology and prove an effective way to achieve maximum benefit from radiation therapy, getting rid of its side effects and doing computer simulations for some of the vehicles that treat HIV.



Extracurricular activities

EPSF-MSA Opening Ceremony



EPSF-MSA Participation in MSA Activities week



Extracurricular activities

Awareness Campaigns

EPSF-MSA Awareness Campaigns

The members of the Egyptian Union of Pharmacy Students EPSF-MSA inside and outside the university in the commercial markets, sports clubs and different villages including:

H.Pylori awareness campaign

Stomach germ is a disease that affects 90% of Egyptians. That is why EPSF-MSA organized a campaign to spread awareness about H.pylori, its symptoms, causes, and ways to prevent it, in addition to warning against the use of antibiotics without consulting a doctor.



Extracurricular activities

Awareness Campaigns

EPSF-MSA Awareness Campaigns

Blood Donation Campaigns

EPSF-MSA organized a campaign to raise the awareness about the importance of blood donation to 1200 people and collected 59 blood bags



Extracurricular activities

Awareness Campaigns

EPSF-MSA Awareness Campaigns

Pharmacy practice awareness campaign

PPAC is aimed at educating the general public, policy makers, and other health care professionals about the pharmacists' role as an integral part of the health care team.



Extracurricular activities

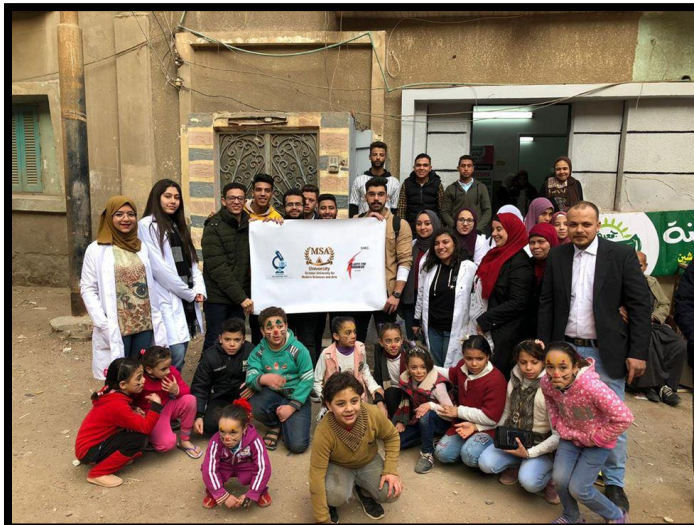
Awareness Campaigns

SMC Awareness Campaigns



Members of SMC (**Scientific Microbiology Club**) organized a medical convoy in the Badrashin area from 2nd to 10th of February (2020) under supervision of Prof. Dr. Faten Baioumy to provide different societal services:

- Raise the awareness about the symptoms and treatments of virus C and Vitiligo
- Treating 150 cases of internal medicine
- Treating 150 cases of pediatrics
- Treating 150 cases of orthopedics
- Treating 150 cases of Ear, nose and throat (ENT) medicine



Extracurricular activities

Awareness Campaigns

Nutrition Awareness Campaigns

In 2019, pharmacy students participated in the campaigns aim to raise awareness of clinical nutrition in relation to many diseases under supervision of biochemistry department staff. It also contributes to the role of the University's students in community service.



Awareness campaign about sports nutrition





Clinical nutrition for school children



Clinical nutrition for osteoporosis



OSTEOPOROSIS
 Clinical Nutrition - PB412 - GP D Prepared by: Moamen Mohamed-171757 Mazen Essam-170693 Mireet Mazen-174529
 Under supervision of: TA Hadwa Saaded

DEFINITION

It's a various medical condition that results in brittle bones, making them prone to cracks, fractures, and fragility. It's called the "silent disease" as it's a chronic condition that doesn't have any symptoms until the appearance of a fracture. Fracture is the medical disease that occurs from any major trauma like coughing, sneezing, or landing over.

SYMPTOMS

Loss of height
Fracture
Hunched Posture
Back pain

PREVENTION

Prevention of osteoporosis is directed at increasing bone mass and decreasing bone loss of postmenopausal women. Regular exercise, adequate calcium and vitamin D intake, and a diet rich in calcium and vitamin D intake is the most important preventive strategy.

Workout can boost your bone health
Eat high calcium and vitamin D containing diet

FOOD CONTAINED CALCIUM

MILK	YOGURT	CHEESE	EGG
MEAT	SEAFOOD	FRUIT	VEGETABLE
ALMOND	WHEAT	BARLEY	BARLEY
EGG	EGG	EGG	EGG

MECHANISM

Excessive breakdown of bone structure and inadequate bone formation due to imbalance in activity of bone cells responsible for bone remodeling that result from:

- Increase in osteoclast activity
- Increase in bone resorption
- Increase in osteoblast activity

RISK FACTOR

Genetics and Race
Older age
Calcium and vitamin D deficiency
Hormonal changes
Alcohol, Drugs
Lack of exercise
Smoking
Certain medical conditions

DIAGNOSIS

Bone mineral density (BMD) is measured by dual X-ray absorptiometry (DEXA)

OSTEOPOROSIS OSTEOPENIA NORMAL



T-SCORE



Extracurricular activities

Awareness Campaigns

Nutrition Awareness Campaigns

In 2020, pharmacy students participated in the campaigns aim to raise awareness of clinical nutrition in relation to many diseases even under COVID-19 pandemic circumstances, under supervision of biochemistry department staff on

Facebook page "Health and Nutrition Tips"

<https://www.facebook.com/Health-and-Nutrition-Tips-1677583739187048>



Nutritional strategies to boost immunity and prevent infection

ROLE OF NUTRITION IN

Prevention of Respiratory Tract Infections

- Vitamin C
- Vitamin D
- Omega 3
- Zinc

Prevention of Urinary Tract Infections

- Cranberry Sauce
- High Fiber Diet
- Lactobacilli Rich Food

Prevention of GIT Infections

- Glutamine
- Arginine
- Probiotics

Prevention of Covid-19

- Vitamin C
- Vitamin D
- Zinc

NATURAL STRATEGIES TO BOOST IMMUNITY AND PREVENT INFECTION

VITAMIN A

Carrot, Mango, Sweet Potatoes, Broccoli

VITAMIN B

Avocado, Sweet Corn, Tuna, Mushroom

VITAMIN C

Pineapple, Orange, Strawberry, Kiwi

VITAMIN D

Lean Meat, Dairy Products, Cereals



Clinical nutrition in iron deficiency anemia

Anemia disease
Caused by a lack of iron

Foods rich in iron

Home Remedies For Anemia

Foods rich in iron

Attention should be eating foods that contain iron, including lean meats, seafood, nuts, beans, bread, grains, and other cereal products. In addition to eating liver, beef, chicken liver and vegetables such as carrots, celery and onions.

October university of Modern Science & Arts



Clinical nutrition in infants & allergies

LET'S KNOW MORE ABOUT

INFANTS NUTRITION

INFANT'S NORMAL NUTRITION:

From birth to 6 months: Breastfeeding is the only source with vitamin D supplement.

From 6 to 8 months: breast feeding, mashed fruits, yoghurt, iron fortified cereals.

From 8 to 12 months: Mashed fruits and vegetables, pasteurized cheese by cutting cheese into small pieces, mashed beans, finely chopped meats, Scrambling eggs.

prepared by:
menntallah ashraf-172763
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mayar khaled-171247
fatima alzahraa gamal-174891
mariam hossam-170453
mariam wael-174862

MOST COMMON FOOD ALLERGIES:

Cow's milk protein allergy

Food causes this allergy:
 ✓ Injection of cow milk by the mother of breast-feeding baby
 ✓ Usage in formula for bottle feeding babies.

Tips to avoid this allergy:
 ✓ Extemporally hydrolyzed formulas (EHF).
 ✓ Rice protein-based EHF.
 ✓ Amino acid-based formula (AAF).
 ✓ Soy-protein formulas.

Wheat allergy

Food causes food allergy:
 ✓ Breads
 ✓ Cakes and muffins
 ✓ Pasta
 ✓ Cookies
 ✓ Breakfast cereals
 ✓ Couscous

Tips to avoid wheat allergy:
 ✓ The combination of wheat free flours is used for baking.
 ✓ Grains such as barley, oat, corn or rye instead of wheat are used.

Eggs' allergy

Food causes egg allergy:
 ✓ Eggs
 ✓ Meringue
 ✓ Baked goods
 ✓ Breaded foods

Tips to avoid egg allergy:
 ✓ If any, replace eggs in baking with bananas, flax and chia seeds.
 ✓ Use agar powder, coconut milk, and gelatin as flavorings in puddings instead of eggs.

Iron Rich Foods

- Red meats
- White, black and kidney beans
- Lentils
- Chickpeas
- Barley
- Rice
- Fortified cereals
- Spinach, swiss chard
- Tofu, edamame
- Eggs
- Chicken, turkey

Herbal medicine for infants:

Commonly used:

- Chamomile, lavender, fennel: mainly for colic.
- Calendula: typically for eczema.
- Thyme: for flu.

Precautions:

Seizures occur when infants < 6 months have taken herbs. Allergic reactions occur

Interactions with drugs.

Extracurricular activities

Field trips

Global Napi Field Trip



The Pharmaceutics Department organized a field trip to Global Napi Company to increase students' awareness of the importance of the pharmaceutical industry and to link the established scientific content and industrial pharmacy to the Egyptian industrial environment.



Extracurricular activities

Field trips

Eva Pharma Field Trip



Our amazing & astonishing pharmaceutical Level 4 & 5 students from the Faculty of Pharmacy had a field visit to the Eva Cosmetics factory.

Eva Cosmetics introduced them to the successful history of the factory, the different technical processes also the Drs at EVA Cosmetics gave the students lectures about R&D & QC along with listening to the students' enquiries, and giving them clear picture for their future careers.



Extracurricular activities

Baheya Foundation

Visit

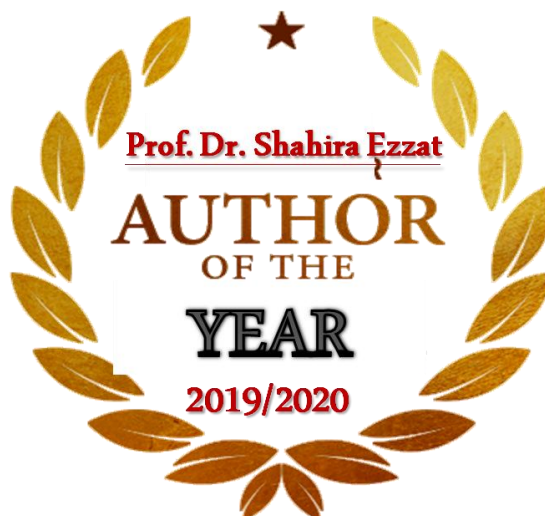


Baheya foundation for early detection & treatment of breast cancer

The members of the Scientific Club of Microbiology made an introductory trip to all the sections of the hospital, attending sessions to learn more about Oncology and the role of pharmacists in this field. Finally, organized a huge fun-day for all the cancer warriors, which included lots of gorgeous activities and special gifts in chemotherapy and radiation rooms.



PUBLICATIONS



Shahira M. Ezzat holds Ph.D. in Pharmacognosy, Faculty of Pharmacy, Cairo University (CU) since 2007. She published about 80 articles in the field of chemistry and biological activity of natural products. She is positioned as a Professor and Head of Pharmacognosy Department, Faculty of Pharmacy, MSA University since September 2017. The main field of her research is the isolation of bioactive plant constituents using advanced chromatographic techniques and elucidation of their structures using different chemical and spectral methods. Other fields include, performing different *in vitro* enzymes-based assays for biological evaluation of plant extracts and isolates, standardization of the biologically active extracts using HPLC advanced techniques. As well as, the identification of chemical constituents in plant extracts using HPLC-MS/MS and UPLC-MS/MS. Shahira is working now on studying the mechanism of anticancer activity of pure compounds in collaboration with National Cancer Institute (NCI) in Egypt, also, searching in the effectiveness of Egyptian herbs as antiaging agents.

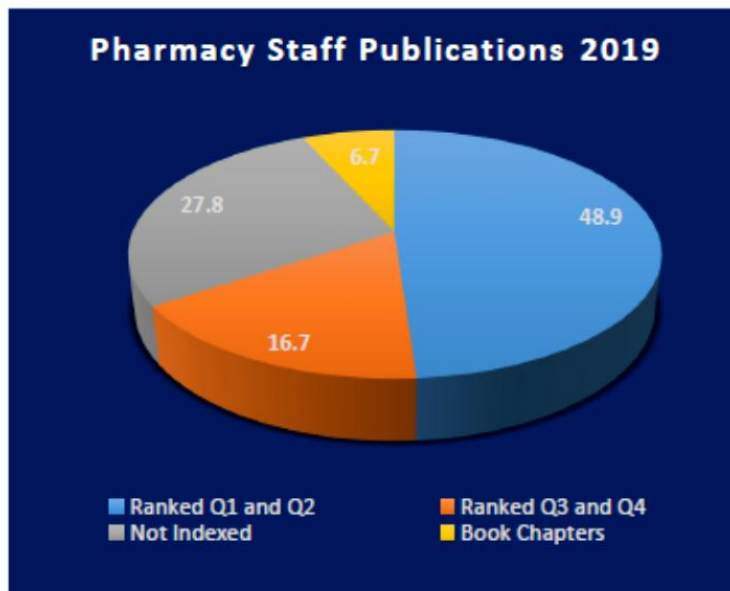
Research Publications

Staff Publications

Statistics of Pharmacy Publications for the year 2019 - 2020

STATISTICS (2019)		
	Percentage	Number
JCR Ranked Q1 and Q2	48.9	44
JCR Ranked Q3 and Q4	16.7	15
Not Indexed in JCR	27.8	25
Book Chapters	6.7	6
Total	100	90

* JCR: Journal citation report (Clarivate analytics 2019)



Research Publications

Staff Publications

Analytical Chemistry Department




Name	Title	Journal/Volume
 Prof. Dr. Manal Fouad	RP-HPLC method development and validation for simultaneous estimation of ramipril and felodipine.	European Journal of Chemistry 10 (2): 113.
	Simultaneous determination of ramipril and felodipine using Carbon Paste Electrode in Micellar Medium.	Analytical & Bioanalytical Electrochemistry 11(2): 150.
	The thermal analysis of felodipine and ramipril: application to Quality Control.	Analytical Chemistry: An Indian Journal 19(1): 146.
	Densitometric and Ratio Spectra Methods for Simultaneous Determination of Sulfaquinoxaline Sodium and Pyrimethamine in Binary Mixture.	Bulletin of Faculty of Pharmacy, Cairo University 57 (1): 35.
 Assoc. Prof. Dr. Dalia Mamdouh	Novel univariate spectrophotometric determination of the recently released solid dosage form comprising dapagliflozin and saxagliptin via factorized response spectra: Assessment of the average content and dosage unit uniformity of tablets.	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 220: 117120.
	Lanthanide-DNA probe for spectrofluorimetric determination of some 6- fluoroquinolones in eye-ear pharmaceutical preparations	Microchemical Journal 150: 104138.
	Novel LC-MS/MS method for analysis of metformin and canagliflozin in human plasma: application to a pharmacokinetic study	BMC Chemistry 13:82.



Research Publications

Staff Publications





Analytical Chemistry Department

Name	Title	Journal/Volume
 Dr. Sara Salah	Investigating advanced approaches based on iso-absorptivity coefficient in unresolved spectral signals of binary mixtures.	Journal of Analytical Methods in Chemistry, Article ID 7924821.
 Dr. Christine Maqed	Stability indicating spectrophotometric and chemometric methods for determination of aripiprazole in presence of its degradation products, A Comparative Study.	Analytical Chemistry Letters 9(2): 258
 AL. Nourhan Osama	Chemometrics-assisted voltammetric determination of timolol maleate and brimonidine tartrate utilizing a carbon paste electrode modified with iron (III) oxide nanoparticles.	Microchemical Journal 145: 313

Research Publications

Staff Publications

Analytical Chemistry Department (Intra- Department Publications)

Name	Title	Journal/Volume
 Prof. Dr. Safa'a Riad.	<p>Potentiometric diclofenac detection in wastewater using functionalized nanoparticles.</p> <p>Monitoring and optimization of diclofenac removal by adsorption technique using In-line potentiometric analyzer.</p> <p>Chemometrics for resolving spectral data of cephalosporines and tracing their residue in waste water samples.</p>	<p>Microchemical Journal 145: 90.</p> <p>Microchemical Journal 148: 521.</p> <p>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 219: 436.</p>
 Dr. Heba Elbalkiny	<p>Removal and tracing of cephalosporins in industrial wastewater by SPE-HPLC: optimization of adsorption kinetics on mesoporous silica nanoparticles.</p>	<p>Journal of Analytical Science and Technology 10:21.</p>
 Prof. Dr. Manal Fouad  Dr. Christine Maqed	<p>Rapid validated Thin-Layer Chromatography–Densitometry for the simultaneous determination of three co-formulated drugs used for common cold treatment.</p>	<p>Journal of Planar Chromatography 32(2): 127</p>

Research Publications

Staff Publications

Analytical Chemistry Department (Intra- Department Publications)

Name	Title	Journal/Volume
 <p>Assoc. Prof. Dr. Dalia Mamdouh</p>	<p>Functionalized Fe₃O₄ Magnetic Nanoparticle Potentiometric Detection Strategy versus Classical Potentiometric Strategy for Determination of Chlorpheniramine Maleate and Pseudoephedrine HCl</p>	<p>Hindawi, Journal of Analytical Methods in Chemistry, Article ID 6947042.</p>
 <p>Dr. Omnia Ali</p>	<p>Green liquid chromatographic methods with ultraviolet and tandem mass spectrometry detection: An application to ternary mixture of paracetamol, pseudoephedrine, and cetirizine in capsule.</p>	<p>Journal of AOAC International 18.</p>
 <p>AL. Souha Hossam</p>	<p>Analytical methods for the determination of paracetamol, pseudoephedrine and brompheniramine in Comtrex tablets.</p>	<p>BMC Chemistry 13:78.</p>

Research Publications




Staff Publications

Analytical Chemistry Department (Intra- Department Publications)

Name	Title	Journal/Volume
 <p data-bbox="189 768 363 794">Dr. Sara Salah</p>	<p data-bbox="415 537 875 697">Advanced approaches for the treatment and amplification of weak spectral signals produced by critical concentrations in white multicomponent systems.</p>	<p data-bbox="909 537 1218 697">Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 224: 117339.</p>
 <p data-bbox="189 1051 344 1097">Dr. Christine Maaed</p>		

Research Publications


Staff Publications

Biochemistry Department		
Name	Title	Journal/Volume
 Assoc. Prof. Dr. Iman Gomaa	Ethosomes and lipid-coated chitosan nanocarriers for skin delivery of a chlorophyll derivative: A potential treatment of squamous cell carcinoma by photodynamic therapy.	International Journal of Pharmaceutics 568: 118528.
 Dr. Nora Aborehab	Hepatoprotective effect of ginger and grape seed, alone and in combination orally, in paracetamol induced acute liver toxicity in rats.	Indian Journal of Experimental Biology 57(4): 274.
	IL-6 and NFE2L2: A putative role for the hepatoprotective effect of N. Sativa, P. Ginseng and C. Sempervirens in AFB-1 induced hepatocellular carcinoma in rats.	Toxicology Reports 6 457.
	Effect of Gallic acid in potentiating chemotherapeutic effect of Paclitaxel in HeLa cervical cancer cells.	Cancer Cell Int. 19:154.
 Dr. Mohamed Farouk	Contribution of CYP27B1 and CYP24A1 Genetic Variations to the Incidence of Acute Coronary Syndrome and to Vitamin D Serum Level.	Canadian Journal of Physiology and Pharmacology 97(12): 1152.
	The association of megalin and cubilin genetic variants with serum levels of 25-hydroxvitamin D and the incidence of acute coronary syndrome in Egyptians: A case control study.	Journal of advanced research 21: 49.


Research Publications

Staff Publications

Biochemistry Department

Name	Title	Journal/Volume
 <p data-bbox="166 739 384 803">Dr. Samer Atef Tadros</p>	<p data-bbox="415 498 856 625">Significance of serum survivin and-31G/C Gene polymorphism in the early diagnosis of breast cancer in Egypt</p>	<p data-bbox="916 498 1208 568">Clinical breast cancer 19 (2), e276-e282</p>

Clinical Pharmacy Department


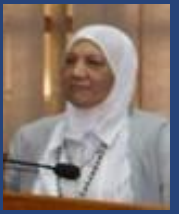
Name	Title	Journal/Volume
 <p data-bbox="172 1329 360 1406">Assoc. Prof. Dr. Abdulaziz Mohsen</p>	<p data-bbox="415 1025 856 1228">Enhanced Permeation of Methotrexate via Loading into Ultra-permeable Niosomal Vesicles: Fabrication, Statistical Optimization, Ex Vivo Studies, and In Vivo Skin Deposition and Tolerability.</p> <p data-bbox="415 1251 856 1454">Chemical composition and potentiation of insecticidal and fungicidal activities of Citrus trifoliata L. fruits essential oil against Spodoptera littoralis, Fusarium oxysporum and Fusarium solani via nano-cubosomes.</p> <p data-bbox="415 1483 856 1628">The effect of the saturation degree of phospholipid on the formation of a novel self-assembled nano-micellar complex carrier with enhanced intestinal permeability.</p>	<p data-bbox="916 1025 1208 1087">AAPS PharmSciTech 20: 171.</p> <p data-bbox="916 1251 1208 1377">Natural Product Research, DOI: 10.1080/14786419.2019.1675063</p> <p data-bbox="916 1483 1208 1580">International Journal of Pharmaceutics 569: 118567</p>




Research Publications

Staff Publications

Microbiology Department

Name	Title	Journal/Volume
 Prof. Dr. Faten Bavoumi	Circulating microRNAs as potential non-invasive biomarkers in pediatric patients with celiac disease	Eur Ann Allergy Clin Immunol . 2019 Jul;51(4):159-164
	The effect of 3D-printed polycaprolactone (PCL) scaffold with different surface coatings on the immunogenicity of stem cells from human exfoliated deciduous teeth (SHED)	Journal of Stem Cells 13(4): 170.
 Prof. Dr. Salwa Meqahed	Biomonitoring detoxification efficiency of an algal-bacterial microcosm system for treatment of coking wastewater: Harmonization between Chlorella vulgaris microalgae and wastewater microbiome.	Science of The Total Environment 677: 120.

Organic Chemistry Department

Name	Title	Journal/Volume
 Prof. Dr. Aliaa Kamal	Novel thienopyrimidine derivatives as dual EGFR and VEGFR-2 inhibitors: design, synthesis, anticancer activity and effect on cell cycle profile.	Journal of Enzyme Inhibition and Medicinal Chemistry 34(1): 838.
	Design, synthesis, molecular docking and biological evaluation of some new thiophene derivatives as anti-cancer agents.	European journal of pharmaceutical and medical research 6(12): 160.

Research Publications

Staff Publications





Pharmaceutical Chemistry Department

Name	Title	Journal/Volume
 Assoc. Prof. Dr. Tamer Mostafa	Iron oxide nanoparticulate system as a cornerstone in the effective delivery of Tc-99 m radionuclide: a potential molecular imaging probe for tumor diagnosis.	Daru 27(1): 49
	Adaptation of hard gelatin capsules for oral delivery of aqueous radiopharmaceuticals.	Daru 27(1): 259
 Dr. Mohamed El Arabv	Antiulcer potential and molecular docking of flavonoids from Ocimum forskolei Benth, family Lamiaceae.	Natural Product Research 3: 1-5.
	Antiviral potential of green synthesized silver nanoparticles of Lampranthus coccineus and Malephora lutea.	International Journal of Nanomedicine 14: 6217.
 Dr. Rana Refaey	Metabolomic profiling and biological investigation of Tabebuia Aurea (Silva manso) leaves, family Bignoniaceae	Natural Product Research 4:1

Research Publications

Staff Publications

Pharmaceutical Chemistry Department (Intra- Department Publications)

Name	Title	Journal/Volume
 Assoc. Prof. Dr. Yassin Nissan	Triazolopyridazine derivatives: Synthesis, cytotoxic evaluation, c-Met kinase activity and molecular docking.	Bioorganic Chemistry 92: 103272
 Dr. Rana Refaey		
 Dr. Mohamed El Araby	New oxadiazoles with selective-COX-2 and EGFR dual inhibitory activity: Design, synthesis, cytotoxicity evaluation and in silico studies.	European Journal of Medicinal Chemistry 111693
 AL. Mai Nour		
Assoc. Prof. Dr. Yassin Nissan Dr. M. El Araby Dr. Rana Refaey	New pyrazole derivatives: Synthesis, anti-inflammatory activity, cyclooxygenase inhibition assay and evaluation of mPGES	European Journal of Medicinal Chemistry 171:332e342

Research Publications

Staff Publications

Pharmaceutics Department

Name	Title	Journal/Volume
 Prof. Dr. Eman Saddar	<p>Tamoxifen citrate/Coenzyme Q10 as smart nanocarriers Bitherapy for Breast Cancer: Cytotoxicity, genotoxicity, and antioxidant activity.</p> <p>Folate-Chitosan Nanoparticles Triggered Insulin Cellular Uptake and Improved In vivo Hypoglycemic Activity.</p>	<p>Journal of Drug Delivery Science and Technology 51: 36.</p> <p>International Journal of Pharmaceutics 571, 118708.</p>
 Dr. Mervat Shafik	<p>Surfactant modulated interactions of hydro-phobically modified ethoxylated urethane (HEUR) polymers with penetrable surface.</p> <p>Surfactant modulated interactions of hydro-phobically modified ethoxylated urethane (HEUR) polymers with impenetrable surfaces.</p>	<p>Journal of Colloid and Interface Science 552: 9</p> <p>Journal of Colloid and Interface Science 539: 126.</p>
 Dr. Dalia Abd Elatv Mostafa	<p>Wafer Technology as a Novel Drug Delivery System.</p>	<p>International Journal of Life Sciences and Review 5(3): 30.</p>
 Dr. Nabila Sweed	<p>Combined site-specific release retardant mini-matrix tablets (C-SSRRMT) for extended oral delivery of dexketoprofen trometamol: in vitro evaluation and single versus multiple doses pharmacokinetic study in human volunteers.</p>	<p>Drug Development and Industrial Pharmacy 45(11): 1777.</p>

Research Publications

Staff Publications

Pharmaceutics Department (Intra- Department Publications)		
Name	Title	Journal/Volume
 Prof. Dr. Hanan El Laithy	Stabilizing excipients for engineered clopidogrel bisulfate prodrugosomes derived in situ cubosomes for enhanced intestinal dissolution: Stability and bioavailability considerations.	European Journal of Pharmaceutical Sciences 136: 104954
 Dr. Nihal El savvad		
 Prof. Dr. Hanan El Laithy	QbD Approach for Novel Crosslinker-Free Iontropic Gelation of Risedronate Sodium-Chitosan Nebulizable Microspheres: Optimization and Characterization.	AAPS PharmSciTech 21:14.
 AL. Omar ELkady		

Research Publications

Staff Publications

Pharmaceutics Department (Intra- Department Publications)		
Name	Title	Journal/Volume
 Dr. Dalia Abd Elatv Mostafa	Formulation and evaluation of novel brain targeting drug loaded in lipid-based nanoparticles through intranasal route for Alzheimer.	International Research Journal of Pharmacy 10 (4): 21.
 Dr. Amira Hashad		
 Assoc. Prof. Dr. Ghada Yassin	Insulin Mucoadhesive Liposomal Gel for Wound Healing: a Formulation with Sustained Release and Extended Stability Using Quality by Design Approach.	AAPS PharmSciTech 20:158.
 Dr. Marwa Hamdy		

Research Publications







Staff Publications

Pharmacognosy Department

Name	Title	Journal/Volume
 <p data-bbox="171 722 367 780">Prof. Dr. Shahira Ezzat,</p>	Bioactive glycoalkaloides isolated from Solanum melongena fruit peels with potential anticancer properties against hepatocellular carcinoma cells.	Scientific reports 9:1746.
	Antifibrotic effects of gallic acid on hepatic stellate cells: In vitro and in vivo mechanistic study.	Journal of Traditional and Complementary Medicine 9: 45.
	In vivo anti-inflammatory activity and UPLC-MS/MS profiling of the peels and pulps of Cucumis melo var. cantalupensis and Cucumis melo var. reticulates.	Journal of Ethnopharmacology 237: 245.
	Comparative DNA Fingerprinting and Botanical Study of Certain Haworthia and Gasteria Species Growing in Egypt.	Pharmacognosy Journal 11(2): 388.
	Brain Cortical and Hippocampal Dopamine: A New Mechanistic Approach for Eurycoma longifolia Well-Known Aphrodisiac Activity and Its Chemical Characterization.	Hindawi Evidence-Based Complementary and Alternative Medicine Article ID: 7543460.
	Symphytum Species: A Comprehensive Review on Chemical Composition, Food Applications and Phytopharmacology.	Molecules 24: 2272.
	Insights into Eucalyptus genus chemical constituents, biological activities and health-promoting effects.	Trends in Food Science & Technology 91: 609.
	Recent Updates in Pharmacological Properties of Chitooligosaccharides.	Hindawi BioMed Research International Article ID: 4568039.





	Quinic acid derivatives from <i>Artemisia annua</i> L. leaves; biological activities and seasonal variation.	South African Journal of Botany, 128, 200
	Phytochemistry: An in-silico and in-vitro Update. Phytochemicals as Sources of Drugs. (<i>Book Chapter</i>)	Springer, ISBN: 978-981-13-6919-3.
	Phytochemistry: An in-silico and in-vitro Update. Synthetic Analogs of Phytochemicals. (<i>Book Chapter</i>)	Springer, ISBN: 978-981-13-6919-3.
	Phytochemicals as Lead Compounds for New Drug Discovery. 1st Edition, Bioactive lead compounds and molecular targets for the treatment of heart diseases. (<i>Book Chapter</i>).	Elsevier, ISBN: 9780128178911
	Semiochemicals: A green approach to pest and disease control. 1st Edition, Natural remedies for pest, disease and weed control. (<i>Book chapter</i>)	Elsevier Academic Press, ISBN: 9780128193044
 <p>Assoc. Prof. Dr. Riham Bakr</p>	Dietary Interventions in Liver Disease 1st Edition, Foods, Nutrients and Dietary Supplements, <i>Nymphaea alba</i> and liver protection. (<i>Book Chapter</i>)	Elsevier, ISBN: 978-0-12-814466-4.
 <p>Dr. Eman Mostafa</p>	Antitumor activity of <i>Cuphea ignea</i> extract against benzo(a)pyrene-induced lung tumorigenesis in Swiss Albino mice.	Toxicology Reports 6: 1071.
	Antiulcerogenic effect of <i>Cuphea ignea</i> extract against ethanol-induced gastric ulcer in rats.	BMC Complementary and Alternative Medicine 19: 345.
	Chemical Profile of two <i>Jasminum Sambac</i> L. (AIT) Cultivars Cultivated in Egypt- Their Mediated Silver Nanoparticles Synthesis and Selective Cytotoxicity.	<i>International Journal of Applied Pharmaceutics</i> 11(6): 154.

Pharmacognosy Department (Intra- Department Publications)		
Name	Title	Journal/Volume
 Prof. Dr. Shahira Ezzat,	Phytochemicals as Lead Compounds for New Drug Discovery. 1st Edition, FDA drug candidacy acceptance criteria and steps: problems and way forward. (<i>Book Chapter</i>)	Elsevier, ISBN: 9780128178911
 Assoc. Prof. Mahitab Helmv		
 Assoc. Prof. Dr. Riham Bakr	Centaurea pumilio L. extract and nanoparticles: A candidate for healthy skin.	Colloids and Surfaces B: Biointerfaces 182: 110350.
 Dr. Eman Mostafa		
 Assoc. Prof. Dr. Riham Bakr	Antioxidant activity and molecular docking study of Erythrina × neillii Polyphenolics.	. South African Journal of Botany 121: 470–477
 AL. Salma Khaled		

Research Publications

Staff Publications

Pharmacology Department

Name	Title	Journal/Volume
 Dr. Sameh Shaaban	Pharmacological Study on Activity of Silymarin and/or Zinc Oxide Nanoparticles against Hepatic Dysfunction Using Cell Line HepG2.	<i>Virology & Immunology</i> 3(3):1.
 AL. Mohammed Sofian	Claudin-4 induction could improve the homing and anti-fibrotic effect of bone marrow mesenchymal stem cells (BM-MSCS) in thioacetamide induced liver fibrosis in rats.	<i>International Journal of Applied Research</i> 5(4): 148.

(Intra- Department Publications)

Chrysin attenuates global cerebral ischemic reperfusion injury via suppression of oxidative stress, inflammation and apoptosis.
Biomedicine & Pharmacotherapy 112, 108619.



Prof. Dr. Amany El-Barairry



TA. Iman El Khashab

Neuroprotective effects of zafirlukast, piracetam and their combination on L-Methionine-induced vascular dementia in rats.
Fundamental and Clinical Pharmacology 33(6): 634.



Dr. Ahmed Fayez



T.A Omar Hassan



T.A Nada Bahnasawy

Research Publications

Staff Publications

(Inter-Department Publications)



Prof. Dr. Shahira Ezzat,
Pharmacognosy Department



Dr. Nora Aborehab,
Biochemistry Department

Title

Rho-kinase II inhibitory potential of *Eurycoma longifolia* new isolate for the management of erectile dysfunction. *Hindawi, Evidence-Based Complementary and Alternative Medicine Article ID: 4341592*



Assoc. Prof. Riham Bakr,
Pharmacognosy Department



Assoc. Prof. Reham Amer,
Pharmaceutics Department

Title

Rho-kinase II inhibitory potential of *Eurycoma longifolia* new isolate for the management of erectile dysfunction. *Hindawi, Evidence-Based Complementary and Alternative Medicine Article ID: 4341592*



Assoc. Prof. Yassin Nissan,
Pharmaceutical Chemistry



AL. Aliya El Newahie,

Title

Design and synthesis of new quinoxaline derivatives as anticancer agents and apoptotic inducers. *Molecules 24: 1175.*

Research Publications

Staff Publications

(Inter-Department Publications)



Assoc. Prof. Dr. Mahitab Helmv.
Pharmacognosy



Dr. Nora Aborehab,
Biochemistry Department

Title

1. Chemical fingerprint of *Bacopa monnieri* L. and *Rosmarinus officinalis* L. and their neuroprotective activity against Alzheimer's disease in rat model's putative modulation via cholinergic and monoaminergic pathways. *Journal of Medicinal Plants Research* 13(11): 252.
2. Chemometric discrimination of three *Pistacia* species via their metabolic profiling and their possible in vitro effects on memory functions. *Journal of Pharmaceutical and Biomedical Analysis* 177: 112840.



Assoc. Prof. Dr. Riham Bakr,
Pharmacognosy Department



Dr. Mohammed El- Araby,
Pharmaceutical Chemistry Department

Dr. Ahmed Samir
Pharmaceutical Chemistry Department

Title

Tecoma stans: Alkaloid Profile and Antimicrobial Activity. *Journal of Pharmacy and Bioallied Sciences* 11(4): 341.

Research Publications

Staff Publications

(Inter-Department Publications)



Prof. Dr. Ghada Yassin,
Pharmaceutics Department



**Assoc. Prof. Dr. Reham
Amer.** Pharmaceutics



Dr. Ahmed Fayez,
Pharmacology Department

Title

Carbamazepine loaded vesicular structures for enhanced brain targeting via intranasal route: Optimization, in-vitro evaluation and in-vivo study. *International Journal of Applied Pharmaceutics*, 11(4): 264.



Assoc. Prof. Yassin Nissan,
Pharmaceutical Chemistrv



Dr. Rana Refaey,
Pharmaceutical Chemistry



Dr. Mai Ragab,
Clinical Pharmacy Department

Title

Neurobehavioral investigation and acetylcholine-esterase inhibitory activity study for some new coumarin derivatives. *European Journal of Medicinal Chemistry* 182: 111651.

Research Publications

Staff Publications

(Inter-Department Publications)



Assoc. Prof. Riham Bakr,
Pharmacognosy



Dr. Ahmed Fayez,
Pharmacology Department



AL. Salma Khaled,
Pharmacognosy

Title

Hepatoprotective activity of *Erythrina×neillii* leaf extract and characterization of its phytoconstituents. *Phytomedicine* 53: 9.



Assoc. Prof. Dalia Mamdouh,
Analytical Chemistry



T.A Nada Bahnasawy,
Pharmaceutics Department



T.A Omar Hassan,
Pharmacology Department

Title

UPLC-MS/MS estimation of paracetamol, pseudoephedrine hydrochloride and brom-pheniramine maleate in plasma: Application to a pharmacokinetic study on healthy Egyptian volunteers based on ethnic difference. *Microchemical Journal* 150: 104146.

Research Publications

Staff Publications

(Inter-Department Publications)



Dr. Ahmed Refaat,
Pharmacology Department



Dr. Amr Abdelhamid,
Biochemistry Department



Dr. Mai Zaafan,
Pharmacology Department

Title

Amitriptyline attenuates bleomycin-induced pulmonary fibrosis: modulation of the expression of NF- κ B, iNOS, and Nrf2. *Naunyn-Schmiedeberg's Archives of pharmacology* 392:279.



Prof. Dr. Ghada Yassin,
Pharmaceutics



Dr. Marwa Dawood,
Pharmaceutics



Assoc. Prof. Reham Wasfi,
Microbiology



Dr. Ahmed Maher,
Biochemistry



Dr. Ahmed Fayez,
Pharmacology

Title

Comparative lyophilized platelet-rich plasma wafer and powder for wound-healing enhancement: formulation, in vitro and in vivo studies. *Drug Development and Industrial Pharmacy* 45(8): 1379

Research Publications

Staff Publications

(Inter-Department Publications)



Dr. Mai Zaafan,
Pharmacology Department



Dr. Amr Abdelhamid,
Biochemistry Department



Dr. Sherine Ibrahim,
Biochemistry Department

Title

The Protective Effect of Korean Red Ginseng Against Rotenone-Induced Parkinson's Disease in Rat Model: Modulation of Nuclear Factor- κ B and Caspase-3. *Current pharmaceutical biotechnology* 20 (7): 588.



Dr. Mai Zaafan,
Pharmacology Department



Dr. Amr Abdelhamid,
Biochemistry Department

Title

Association of Chemerin rs17173608 and Vaspin rs2236242 Polymorphisms with Type Two Diabetes Mellitus and its Impact on their Corresponding Serum Levels in Egyptian Population. *Biomedical Journal of Scientific & Technical Research* 15(3): 1.

Academic Events

Conferences

Analytical Chemistry

Prof. Dr. Manal Fouad

Title: "Spectrophotometric methods for simultaneous determination of amlodipine besylate and telmisartan in their binary mixture"

Conference: (Poster Presentation) 5th FUE International Conference of Pharmaceutical Sciences,
Place: Royal Maxim Palace Kempinski, 28-30th January.

Assoc. Prof. Dr. Dalia Mamdouh

Title: "Univariate spectrophotometric determination of dapagliflozin/saxagliptin via novel approach utilizing factorized response spectra"

Conference: (Poster Presentation) 5th FUE International Conference of Pharmaceutical Sciences,
Place: Royal Maxim Palace Kempinski, 28-30th January.

Dr. Sara Salah

Title: "Application of different spectrophotometric approaches based on isobestic points for unresolved spectra of binary mixtures"

Title: "Application of recent spectrophotometric methods for simultaneous estimation of a spectrally overlapping binary mixture of ciprofloxacin hydrochloride and hydrocortisone in presence of benzalkonium chloride"

Conference: (Poster Presentation) 5th FUE International Conference of Pharmaceutical Sciences,
Place: Royal Maxim Palace Kempinski, 28-30th January.

Dr. Sara Salah

Dr. Omnia Ali

Title: "Current Trend in Chromatographic Techniques for Determination of Pesticides Residues in Crops Cultivated in Egypt"

Conference: (Poster Presentation) 5th FUE International Conference of Pharmaceutical Sciences,
Place: Royal Maxim Palace Kempinski, 28-30th January.

Academic Events

Conferences

Biochemistry Department

Dr. Mohamed Farouk

Title: "Lecturers' Recording from Lecturers' and Students' Perspective"

Conference: (Poster presentation) 3rd Annual International Teaching, Learning and Assessment Conference "Student engagement, inclusivity and well-being in the digital era"

Place: MSA University, 3rd April

Dr. Amr Abdelhamid

Title: "MicroRNA 103 as a potential diagnostic marker and promising therapeutic target for myocardial infarction"

Conference: (Poster presentation) 5th International Congress on Epigenetics & Chromatin

Place: Vienna, Austria, 22nd-23rd August.

Title: "Cardio specific MicroRNA as a potential diagnostic marker for myocardial infarction"

Conference: (Poster presentation) 16th Annual Conference of the National Biochemistry & Molecular Biology Committee Recent Trends in Biochemistry and Molecular Biology: Towards Vision 2030

Place: The American University in Cairo, 14-15th September.

Title: "MicroRNA as a potential diagnostic marker and promising therapeutic target in T2DM"

Conference: (Poster presentation) Second Conference of The Arab Association for Genetic Research

Place: Nile Ritz-Carlton Hotel, Cairo, 26-27th November.

Academic Events

Conferences

Microbiology Department

Prof. Dr. Salwa Megahed

Title: "PW276 Biomonitoring of photobioreactors established to investigate the impact of toxic load and pollutants variation in coking wastewater treatment: Harmonization between microalgae and wastewater microbiome"

Title: "PW072 spatiotemporal microbial community analysis of the Nile river along the Cairo urban metropolis"

Conference: (Poster Presentation) 8th Congress of European Microbiologists

Place: Glasgow, Scotland, 7-11th July.

Prof. Dr. Faten Bayoumi

Title: "Characterization of Enteroviruses in Irrigating Water in Egypt and in Clinical Samples with the Assessment of Ethanolic Extract of Nigella sativa in Response to these Viruses"

Conference: (Oral Presentation) Diae conferences and research center

Place: Ain Shams University, 16-17th March.

Assoc. Prof. Dr. Mahmoud Tawfik

Title: "Detection of hypermucoviscous phenotype and associated genes among k.pneumoinae isolates from bacteraemic cancer patients"

Conference: (Poster Presentation) 5th FUE International Conference of Pharmaceutical Sciences

Place: Royal Maxim Palace Kempinski, 28-30th January.

Pharmaceutics Department

Dr. Shereen Noshi

Title: "Design and characterization of surfactant-based nanovesicles for ocular delivery of econazole nitrate"

Conference: (Poster Presentation) 6th International Euro-Mediterranean Conference of Pharma, BioMedicine and Life Sciences

Place: (BioNat-6) Cairo, 1st -3rd April.



Academic Events

Conferences

Pharmacognosy Department

Prof. Dr. Shahira Ezzat

Title: "Enhancement of the antiaging activity of the Egyptian herbal drugs via the encapsulation in elastic nanovesicles"

Conference: (Oral Presentation) Dubai International Pharmaceutical & Technology Conference & Exhibition (DUPHAT)

Place: Dubai, 26 – 28th February.

Title: "In vitro antiaromatase of citrus peels together with invivo estrogenic and anti-estrogenic study of its major compounds in immature female mice"

Conference: (Oral Presentation) 5th FUE International Conference of Pharmaceutical Sciences

Place : Royal Maxim Palace Kempinski, 28-30th January

Title: "Enhancement of the antiaging activity of the Egyptian herbal drugs via the encapsulation in elastic nanovesicles"

Conference: (Poster Presentation) Dubai International Pharmaceutical & Technology Conference & Exhibition (DUPHAT)

Place: Dubai, 26 – 28th February.

Title: "In vitro immunomodulatory activity of Morinda citrifolia L. fruit extracts and isolates"

Conference: (Poster Presentation) 6th International Euro-Mediterranean Conference of Pharma, BioMedicine and Life Sciences

Place : (BioNat-6), Cairo, 1st -3rd April.

Assoc. Prof. Dr. Riham Bakr

Title: "Centaurea pumilio L. extract and nanoparticles: A candidate for healthy skin"

Conference: (Poster Presentation) 6th International Euro-Mediterranean Conference of Pharma, BioMedicine and Life Sciences

Place: (BioNat-6), Cairo, 1st -3rd April.



Academic Events

Conferences

Pharmacognosy Department

Dr. Eman Mostafa

Title: "Phytochemical and biological investigation of the leaves of *Melaleuca leucadendra* L. (Myrtaceae)"

Conference: (Poster Presentation) Dubai International Pharmaceutical & Technology Conference & Exhibition (DUPHAT)

Place: Dubai, 26 – 28th February.

Title: "Phytochemical profile, cytotoxicity and antioxidant activities of *Rosmarinus officinalis* stem grown in Libya"

Conference: (Poster Presentation) International conference on pharma and food (ICPAF)

Place: Singapore, 20-21st November.

Pharmacology Department

Dr. Sameh Shaaban

Title: "Evaluation of using zinc oxide nanoparticles as booster for hepatoprotective activity "

Conference: (Oral presentation) Trends in Pharmacology

Place: MSA University Campus, Cairo 20th April.

Academic Events

Conferences

Inter-Department Collaboration		
Analytical Chemistry	Microbiology	
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;">Prof. Dr. Manal Foad</div> <div style="border: 1px solid black; padding: 5px;">Assoc. Prof. Dr. Dalia Mamdouh</div>	<div style="border: 1px solid black; padding: 5px; text-align: center;">Assoc. Prof. Dr. Reham Wasfi</div>	
<p>Title: "Verbs hunter for intended learning outcomes"</p> <p>Conference: (Poster Presentation) 3rd Annual International Teaching, Learning and Assessment Conference "Student engagement, inclusivity and well-being in the digital era"</p> <p>Place: MSA University, 3rd April.</p>		
Pharmacognosy	Pharmaceutics	Pharmacology
<div style="border: 1px solid black; padding: 5px; text-align: center;">Assoc. Prof. Dr. Reham Bakr</div>	<div style="border: 1px solid black; padding: 5px; text-align: center;">Assoc. Prof. Dr. Reham Amer</div>	<div style="border: 1px solid black; padding: 5px; text-align: center;">Dr. Ahmed Favez</div>
<p>Title: "Anti-aging herbal product(s): micro-needles fabrication, characterization and pharmacological evaluation"</p> <p>Conference: (Poster Presentation) 5th FUE International Conference of Pharmaceutical Sciences</p> <p>Place: Royal Maxim Palace Kempinski, 28-30th January.</p>		

Academic Events

Conferences



Within the framework of the Faculty of Pharmacy to develop the skills of its students and believing in the importance of youth and health to build the future, the Faculty was honoured with the opening of **the first International Health Simulation Model Conference** in the presence of Mrs. Dr. Nawal Al-Dajwi, Prof. Dr. Khairy Abdel Hamid And Prof. Dr. Hanan Al-Leithy.

This conference aims to simulate the facts of the World Health Organization to increase health awareness among youth and university students in the medical and non-medical sectors and to discuss issues of non-communicable diseases in line with the national campaign for the President of the Republic "100 million health".



Academic Events

Summer Training

Our amazing & wonderful students delegation to UoG - UK Summer Abroad Programme (2019)

The students managed to achieve outstanding feedback from our UK partners whom viewed them as first class students as per UK standards



Academic Events

Scientific Day

Pharmaceutics Department Poster Day

Our stunning pharmacy students from fourth level presented their posters on research in the application of intelligent packaging of drug products to prevent product tampering and to assure the product dispensing accuracy.



Academic Events

Scientific Day

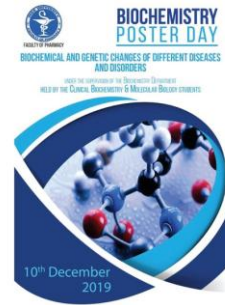
Organic Chemistry Scientific Day

2D representation of organic compounds is often used for simplicity. However, 3D models highlight important information that may be omitted by 2D representations such as shape of molecules, bond angles and stereoisomers, all of which are essential features that define a drug's physical and chemical properties in addition to its pharmacological profile.



Academic Events

Scientific Day



Biochemistry Scientific Day

Following the MSA University vision and belief in the role of the scientific research in the diagnosis and treatment of diseases and in the value of encouraging pharmacy students to participate in the scientific research, The Department of Biochemistry of Faculty of Pharmacy was honored to present the posters of the 4th year students' researches in the biochemical and genetic changes related to different diseases and disorders at the University campus. The students showed a remarkable performance in the sixth Biochemistry poster day and outstanding skills in presenting their researches.



Academic Events

Scientific Day

Pharmacoeconomics Poster Day

The Students of Faculty of Pharmacy got to present different topics and introduce the audience to some of the key concepts of pharmacoeconomics such as Budget impact analysis, value based pricing, sensitivity analysis and cost effectiveness analysis.



Academic Events

Workshop

Research collaboration workshop between MSA University & the University of Greenwich was held to present and discuss the established joint research links between MSA and UoG.



Academic Events

Workshops

EPSF

Sec-Gen Workshop

Work would be so much easier if you have a skillful Secretary General for proper documentation and improving the quality of the future events in your local association. One of the biggest things that set EPSF ahead is the talented creative team of the Sec-Gen.



Science Fantasy Workshop



Academic Events

Seminars

Breast cancer awareness seminar

المشاركة المجتمعية وتنمية البيئة وحدة ضمان الجودة والاعتماد

MSA University
October University for Modern Sciences and Arts

Baheya foundation for early detection & treatment of breast cancer

Faculty of Pharmacy

Awareness Seminar for The Early Detection of Breast Cancer

Presented By :
Dr. Shrouk Mohammed
The Surgery Specialist at Baheya Cancer Hospital

26th Sep.
From 12pm – 2pm | At SSB

Instructional Design Toolbox session

zoom

INSTRUCTIONAL DESIGN TOOLBOX

Engage Your Today's Learners

LIVE WEBINAR

April 5th , 2020
4:00 PM

MSA University

LEARNING & DEVELOPMENT SECTION

Facilitated by

Dr. Heba Magdy

7 VALUES: PERFORMANCE, PASSION, INNOVATION, AUTHENTICITY, RESPECT, TEAMWORK, GENEROSITY

CONSUMER, SOCIAL MEDIA, INNOVATION

Academic Events

Seminars

COVID-19 Awareness session



zoom


How to Survive COVID-19?

LIVE WEBINAR

June 28th, 2020
5:00 PM



Speakers

				
Dr. Samira Hamed	Dr. Heba Magdy	Dr. Mahmoud Tawfick	Dr. Lamiaa Ismail	Dr. Reham Wasfi

Awards & Competitions

Students Awards

On August 2019, the University honoured the outstanding students at Faculty of Pharmacy in the presence of Dr. Nawal Al-Dajwa (Chairman of the Board of Trustees) and Prof. Khairy Abdel Hamid (President of the University) and with distinct media and press coverage from **CBC, dmc, Al-Mehwar, Nile TV and mbc Masr.**

The honored students of the Faculty of Pharmacy who obtained **four certificates of honor from the University of Istanbul and the shield of scientific excellence from the University of Irex, Turkey** on the project of using the roots of the Nile rose and rice straw in purifying wastewater and won **the eighth position** as the best presentation of the project idea with the participation of 47 colleges of pharmacy worldwide and more than 500 research topics.

Moreover, Pharmacy students **won Two awards** at the 24th Dubai International Pharmacy and Technology Conference and Exhibition for the best research project in terms of innovation, quality of presentation, and using the natural product.



Awards & Competitions

Students Awards

Our Pride, the most amazing students who achieved a milestone in their academic life!

On December 2019, the Faculty of Pharmacy honoured the students who scored the best achievement in all courses by scoring the highest mark, the top five honour list students from levels 2 to 5 & the students who passed the probation level.

The students were honored by **Prof. Dr. Hanan Al-Leithy** the Faculty Dean, Dr. Heba Osman Head of the Quality Department, Prof. Manal Fouad the vice dean of the Faculty, Prof. Amany El Bariry, Head of Pharmacology Department & Prof. Safaa Ryad the Head of the analytical chemistry department.



Awards & Competitions

Students Awards

Israa Ibrahim Mahmoud, a student at Faculty of Pharmacy won the **first place** in the talent consent competition among all students of public and private pharmacy faculties, and the **second place** among all applicants from medical colleges in Egypt.

Israa received a valuable award that includes traveling and residing in Britain, visiting the AstraZenca factory and interviewing a group of distinguished scientists in the field of medicine in Cambridge, UK.



Awards & Competitions

Students Awards

“Two students obtain two travel contracts for a 3-week training tour around the world within the International EPSF program”



Hady Gamal who went to the heart of Africa in Tanzania as a part of Scientific Research training in the research and development lab in Muhimbili University to be a part of the **FDA quality control research** in the country as a part of the student exchange program organized by EPSF MSA.

Ayman Elnahrawy went to Poland to be a **junior research assistant** at **molecular biochemistry department** and **Animal facility of toxicological and pharmacokinetic studies** at medical university of Gdansk as a part of the student exchange program organized by EPSF MSA.

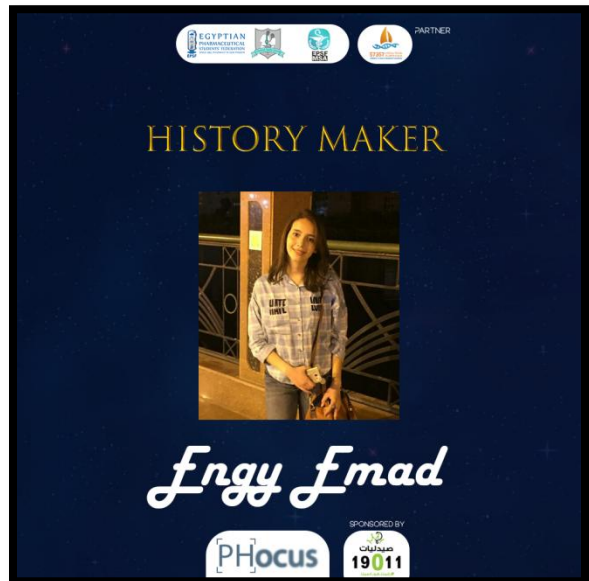


Awards & Competitions

Students Awards

EPSF- PHocus Competition

Engy Emad won the third place in the clinical competition in PHocus national finals; and **Nebal Elshanawy** on won the fourth place in the clinical competition in PHocus national finals.



Staff Promotions & Accomplishments

Awarded Academic Degrees



Master's Degree

MSc Degree Holders



Bassant Rateb

Assistant Lecturer of
Organic Chemistry, Aston
University



Nourhan Osama

Assistant Lecturer of
Analytical Chemistry, Cairo
University



Esraa Adel

Assistant Lecturer of
Pharmacognosy, Cairo
University



Salma Ayman

Assistant Lecturer of
Pharmacognosy, University
of Greenwich



Maha Alhadad

Assistant Lecturer of
Pharmacology, University of
Greenwich



Salma Khaled

Assistant Lecturer of
Pharmacognosy, Cairo
University



Nada Ali

Assistant Lecturer of
Pharmacognosy, University
of Greenwich

Staff Promotions & Accomplishments

Awarded Academic Degrees



PhD Degree Holders



Heba El-sayed Teba

Lecturer of Organic Chemistry, Cairo University



Mai Saeed

Lecturer of Pharmaceutical Chemistry, Cairo University



Heba Tarek Elbalkiny

Lecturer of Analytical Chemistry, Cairo University



Omar Elkady

Lecturer of Pharmaceutics, Cairo University



Inas Galal

Lecturer of Organic Chemistry, Cairo University



Samer Atef Tadros

Lecturer of Biochemistry, Cairo University

Professor



Prof. Dr. Ghada Ehab

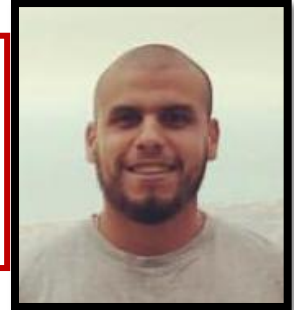
Professor of Pharmaceutics



The Alumni

Alumni's Quotes

"MSA is the place where I've discovered my passion and followed it, and here I am! This place taught me the lesson of my life and to follow my dream! My college gave me the best gift of all; believing in me! Here I've met the best professors who taught me from the heart not from books"



**Omar El Senousy
2015**

Senior Medical Representative
Pfizer

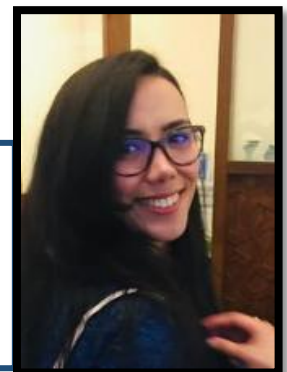


Roudaina Kabil 2014

Brand Manager
Pharco Corporation

"My undergraduate studies nurtured me to my current self, confident & adventurous"

The reward of hardworking and high GPA can be awesome. The reward of being passionate about your learning experience, which will make you work even harder is always, spectacular. The first exhausts you, the latter nourishes you. It is all about passion.



**Fatma Al Zahraa Gharbia
2015**

Research Assistant
University of Michigan-Ann Arbor
USA





The Alumni

Alumni's Quotes

MSA University was a great virtue for me to come to this stage of practical life and the most important things affecting my life is the summer training. It was a portal for me to identify the different fields in the field of pharmaceuticals, such as; pharmaceutical industry, community pharmacy or medical representative. Among other things, I learned time management and the importance of completing tasks on time with high quality which has reflected on my career later on



Medhat Kamel , 2016
Production pharmacist
Global Napi Pharmaceutical
industry (GNP)



Ahmed Keed, 2017
QC specialist
GlaxoSmithKline

MSA is not only university delivers education for students, it is an excellent environment and culture for everyone wants to be a significant shiny mark in the society. Nowadays I work in GSK due to my skills and capabilities which I gained from my education and training in MSA. MSA university delivers best education among other universities in Egypt and offers excellent training opportunities for their students and staff as well. My graduation project especially practical part gave me excellent experience in industrial field & research which gives me a priority in appointing in multinational companies





Faculty of Pharmacy

"It always seems impossible until it's done."

Nelson Mandela