

Curriculum Vitae of Dr. Azza El-Sheikh

Associate Professor of Pharmacology of Faculty of Medicine
Minia University
Egypt

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Statement of interests:

Seeking participation in teaching, performing research and innovation in the field of **Pharmacology** or related fields, to utilize more than 24-year experiences acquired in Minia University (Egypt), in Radboud Nijmegen University (the Netherlands) and in Princess Nourah bint Abdulrahman University (Saudi Arabia).

1. Personal Data:

Full Name: Azza Ali Kamel El-Sheikh

Date of birth: 23/11/1969 **Nationality:** Egyptian

Place of birth: Cairo, Egypt **Social status:** Married, with 2 daughters

Contact Information:

Current Work Address: Basic Health Sciences Department, College of Medicine,
Office Number 1.217.13, Princess Nourah bint Abdulrahman
University, 11671 Riyadh, Saudi Arabia

Permanent Work: Pharmacology Department, Faculty of Medicine, Minia
University, Minia, Egypt

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2. Academic/Professional particulars:

(a) Field of Specialization:

Major Field of Specialization: Basic Medical Sciences
Fine Field of Specialization: Pharmacology

(b) Academic Qualifications

- MD in Pharmacology (2009):

After evaluation of European PhD as equivalent to Egyptian MD by the Higher Council of Egyptian Universities.

- PhD in Pharmacology (2008):

Radboud University Nijmegen (the Netherlands). Dissertation title: "Immunopharmacology".

- Master in Pharmacology (1998):

Faculty of Medicine, Minia University (Egypt). Dissertation title: "Possible Antioxidant Effect of SH-Containing Angiotensin Converting Enzyme Inhibitors in Ameliorating Atherogenesis".

- Bachelor in Medicine and Surgery (1993):

Faculty of Medicine, Minia University (Egypt).

(c) Academic Honors and Awards (arranged chronologically):

1. Awarded a research grant as co-principal investigator from the Deanship of Scientific Research of Princess Nourah bint Abdulrahman University on 22th November 2018 (Grant No# 39/PR/2) of 17,900 SR entitled: "Use of over-the-counter cosmeceuticals by PNU students".
2. Awarded a research grant as a principal investigator from the Deanship of Scientific Research of Princess Nourah bint Abdulrahman University on 16th September 2018 (Grant No# 240/S/39) of 98,500 SR entitled: "Effect of analgesics on cisplatin-induced toxicity".
3. Honored during Minia University yearly Science and Gratitude day (8th of May 2018) for acquiring a funded research project of 2,057,000 EGP as a principal investigator, entitled: "Multidrug resistance protein-oriented anticancer drug discovery".
4. Awarded excellence in research international publication prize of 8,000 SR from Princess Nourah bint Abdulrahman University (18th April 2018).
5. Mansoura Medical Prize for kidney disease research (2016; announced in December 2017) of 75,000 EGP awarded by the Academy of Scientific research and Technology prizes for bodies and individuals.
6. Minia University International Publication Prize of academic year 2016/2017, for publishing: (Azza A.K. El-Sheikh, Kamel MY. Ginsenoside-Rb1 ameliorates lithium-induced nephrotoxicity and neurotoxicity: Differential regulation of COX-2/PGE2 pathway. Biomed Pharmacother. 2016; 84: 1873-1884).
7. Awarded Health Research Grant of 2,057,000 EGP by the Egyptian Science, Technology and Development Fund (STDF), proposal ID 22934, entitled: "Multidrug resistance protein-oriented anticancer drug discovery (MRP-ADD)", proposal accepted on 17th of January 2017.
8. Minia University International Publication Prize, for publishing: (El-Sheikh AA, Morsy MA, Abdalla AM, Hamouda AH, Alhaider IA. Mechanisms of

thymoquinone hepatorenal protection in methotrexate-induced toxicity in rats. *Mediators Inflamm.* 2015;2015:859383), May 2016.

9. Awarded a workshop support grant from International Union of Basic and Clinical Pharmacology (IUPHAR) of 8,300 Euro to support ESPET 55th Annual Conference and Workshop on European-Egyptian Collaboration in Pharmacovigilance, 2016.
10. The 2nd Place for best Poster Presentation, "Protective effect of resveratrol against cyclophosphamide-induced toxicity in rats", in the 4th MNGHA Research Day at King Abdulaziz Hospital, King Abdullah International Medical Research Center, King Saud bin Abdulaziz University for Health Sciences, Ministry of National Guard Health Affairs (MNGHA), Eastern Region, Al-Ahsa, Saudi Arabia. April 23, 2015.
11. Elected as board member of the Egyptian Society of Pharmacology and Experimental Therapeutics (February 2016).
12. Awarded Minia University Prize for International Publication for publishing 4 articles internationally in the academic year 2014-2015.
13. Awarded a research grant as co-principal investigator, offered by King Faisal University, Al-Hassa, Kingdom of Saudi Arabia, entitled: Effect of Resveratrol on Methotrexate-induced Toxicity in Rats, acceptance number 141002 (dated 13/10/1434 Hijri), in 2013.
14. Best oral presentation certificate during the "Drug-related research PhD competition" from Radboud University Nijmegen, and elected to participate in the Dutch National PhD competition During Ficon Conference 2006, the Netherlands. This participation was quoted in the "Conceptuur" magazine, in December 2006 issue, volume 49, page 10 (article in Dutch).
15. Best discussion prize during the "Nijmegen Center for Molecular Life Sciences PhD 2-day conference" held on 27th-28th April 2006 at the National Sports Center, Papendal Hotel, Arnhem, the Netherlands.
16. Awarded a full scholarship sponsoring a 4-years PhD research in the Netherlands, granted by the Egyptian Ministry of higher education in 2003.

(d) Membership of Professional Bodies

1. Member in the Acian Council of Science Editors (2017-present).
2. Member of the Egyptian Society of Pharmacology and Experimental Therapeutics (1998-present), and elected board member of the society (2016-present).
3. Member of the Egyptian Medical syndicate (1994-present).

(e) Language Proficiency

- Arabic: Mother tongue, excellent spoken/written/blind typing
- English: Excellent spoken/written/blind typing, with International computer-based TOEFL Exam with score 267 (2003) Cairo (Egypt)
- French: Fair spoken/written
- Dutch: Fair spoken/written

3. Career Details

(a) Academic Positions Held

- *Chair of Respiratory Block (Academic year 2017-Present):*

Basic Health Sciences Department, College of Medicine, Princess Nourah bint Abdulrahman University (Saudi Arabia)

- *Subject Chairperson of Pharmacology (January 2017-Present):*

Basic Health Sciences Department, College of Medicine, Princess Nourah bint Abdulrahman University (Saudi Arabia)

- *Associate Professor of Pharmacology (September 2014-January 2017):*

Pharmacology Department, Faculty of Medicine, Minia University (Egypt)

- *Assistant Professor of Pharmacology (June 2009 – September 2014):*

Pharmacology Department, Faculty of Medicine, Minia University (Egypt)

- *Assistant lecturer of Pharmacology (October 2008 - June 2009):*

Pharmacology Department, Faculty of Medicine, Minia University (Egypt)

- *PhD researcher of Pharmacology (November 2004 - October 2008):*

Radboud University Nijmegen (the Netherlands)

- *Assistant lecturer of Pharmacology (February 1999 - November 2004):*

Pharmacology Department, Faculty of Medicine, Minia University (Egypt)

- *Demonstrator of Pharmacology (March 1995 - February 1999):*

Pharmacology Department, Faculty of Medicine, Minia University (Egypt)

- *General Practitioner (March 1994 - February 1995):*

Mataria Educational Hospital, Cairo, Egypt

(b) Administrative Positions (arranged chronologically)

1. Vice head of the scientific committee of the department of basic health sciences, at College of Medicine, Princess Nourah bint Abdulrahman University, Saudi Arabia, since 2018 till present.
2. Academic advisor of undergraduate and postgraduate scholars at College of Medicine, Princess Nourah bint Abdulrahman University, Saudi Arabia, since 2018 till present.
3. Vice-head of the research center of College of Medicine, Princess Nourah bint Abdulrahman University, Saudi Arabia, since 2018 till present.

4. Member in Academic Accreditation Unit of College of Medicine, Princess Nourah bint Abdulrahman University, Saudi Arabia, since 2018 till present.
5. Member in teaching load committee of College of Medicine, Princess Nourah bint Abdulrahman University, Saudi Arabia, 2018.
6. Member in the scientific committee of the research center of College of Medicine, Princess Nourah bint Abdulrahman University, Saudi Arabia, since 2018 till present.
7. Member in Library and Books committee in College of Medicine, Princess Nourah bint Abdulrahman University, Saudi Arabia, 2017.
8. Member of the board of Minia University higher council of training and development, 2015-2017.
9. Director of Minia University Erasmus+ focal point (an international agency offering grants of EU for reforming higher Education) 2014-2017.
10. Director of Minia Grants and International Cooperation office (GICO), of Minia Technology, Innovation and Commercialization Office (Minia-TICO), funded by a 2-year grant (690,000 EGP) offered by Academy of Scientific Research and Technology, since 2013-2017.
11. Associate editor of Minia Journal of Medical Research (MJMR; 2013-2017): website: <http://mjmr.org/User/Article.aspx?art=159>
12. Member of the Research Ethics Committee of Faculty of Medicine, Minia University, 2013-2017.
13. Director of Minia focal point for the Research, Development and Innovation Program (RDI), as appointed by the Egyptian Ministry of Scientific Research and Minia University, via funded by the European Commission, 2012-2017.
14. Course coordinator of Pharmacology for:
 - a. Postgraduate studies in Medical and Dental Faculties (2016-2017)
 - b. Postgraduate studies in Nursing Faculty (2014-2017)
 - c. Dental Faculty (2013-2014)
 - d. Nursing Faculty (2012-2014)
 - e. Nursing Institute (2010-2012)
 - f. Nursing School (2009-2010)

4. Teaching

(a) Summary of Courses Taught

- Teaching undergraduates of College of Medicine in Princess Nourah bint Abdulrahman University (2017-2018): Single-handed teaching all Pharmacology curriculum for first- and second-year students.
- Problem Based Learning Facilitator in Princess Nourah bint Abdulrahman University (2017-Present):

- Cardiovascular Block
 - Respiratory Block
 - Renal Block
 - Central Nervous Block
 - Endocrine Block
 - Gastro-intestinal Block
- Teaching undergraduates of College of Medicine in Princess Nourah bint Abdulrahman University (2016-2017):
 - Antiarrhythmic drugs
 - Thrombolytic therapy
 - Anti-hyperlipidemic therapy
 - Treatment of diabetic ketoacidosis
 - Treatment of anaphylaxis
 - Treatment of COPD and asthma
 - Treatment of erectile dysfunction and androgens
 - Treatment of Rhinitis and cough
 - Treatment of AIDS
 - Diuretics
- Teaching postgraduates of faculties of Medicine, Dental and Nursing in Minia University (2009-2017):
 - Introduction to CNS Pharmacology
 - Sedative Hypnotic drugs
 - Anti-parkinsonian drugs
 - Anti-epileptic drugs
 - Anti-psychotic drugs
 - General anesthetic drugs
 - Disease modifying Anti-rheumatic drugs
 - Non-steroidal anti-inflammatory drugs
 - Opioid analgesics
 - Immunosuppressive drugs
 - Immuno-modulator drugs
 - Anti-cancer drug chemotherapy
 - Drugs of abuse
 - Handling of Medical emergencies
 - Drug-induced toxicity
 - Anti-diuretic drugs
 - Anti-asthmatic drugs
 - Pharmacovigilance

- Mechanisms of drug transport
- Teaching undergraduates of faculties of Medicine, Dental & Nursing in Minia University (2009-2017):
 - All topics taught to postgraduates, modified for undergraduate level
 - Drugs used for treatment of hypertension
 - Drugs used in blood disorders
 - Drugs used in treatment of diabetes
 - Autacoids
 - Drugs used in treatment of Migraine
 - Drugs used in treatment of peptic ulcer
- Teaching of basic medical sciences to a paid training course of physiotherapist technicians (taught in Arabic) in Minia University (2014-2016):
 - Pharmacokinetics and pharmacodynamics
 - Dosage forms and routes of drug administration
 - Drugs used in treatment of rheumatoid disorders.
 - Antibacterial drugs
 - Anticoagulant drugs
 - Drug therapy of osteoporosis
- Teaching for practical sections of Faculty of Medicine undergraduates: Practical and case studies of drugs used in Minia University (1995-2004):
 - Angina pectoris
 - Congestive Heart Failure
 - Hypertension
 - Bronchial Asthma
 - Diabetes Mellitus
 - Gastric and Duodenal Peptic Ulcer
 - Shock
 - Glaucoma
 - Prescription Writing

(b) Participation in Academic Accreditation

- 1- Member in Academic Accreditation Unit of College of Medicine, Princess Nourah bint Abdulrahman University, Saudi Arabia, since 2018 till present.
- 2- Contributing to the CIQAP academic accreditation project, section "Scientific research and activities", Faculty of Medicine, Minia University, since 2013-2017.

(c) Research Students Supervised/Trained

Level	Number of Trainees
Postdoctoral Fellows	4
PhD Students	4
Master Students	6
Undergraduate Students	10

- 1- Medical research supervision of 5 undergraduate students, at Princess Nourah bint Abdulrahman University, Saudi Arabia, entitled: Self-medication for weight control among PNU students, 2018
- 2- Medical research supervision of 5 undergraduate students, at Princess Nourah bint Abdulrahman University, Saudi Arabia, entitled: Use of over-the-counter cosmeceuticals by PNU students, 2017
- 3- Doctoral (M.D.) Thesis of Mrs. Asmaa Mohamed Mahmoud, entitled: The Effect of Direct Acting Antiviral in Liver Injury, at the Department of Pharmacology, Faculty of Medicine, Minia University, 2016.
- 4- Master (M.Sc.) Thesis of Ms. Alyaa Abdelfattah Abdelmonaem, entitled: Effect of xanthine oxidase inhibitors on haematopoietic and cardiac toxicity in cyclophosphamide-treated rats, at the Department of Pharmacology, Faculty of Medicine, Minia University, 2016.
- 5- Master (M.Sc.) Thesis of Mrs. Marwa El-Gendi, entitled: Relevance of heme oxygenase-1 in the Pathogenesis of diabetic nephropathy and Its Modulation by Different Pharmacological Agents, at the Department of Pharmacology, Faculty of Pharmacy, Minia University 2015.
- 6- Doctoral (M.D.) Thesis of Mrs. Marwa M. Refaie, entitled: Effect of Mast Cell Stabilizers, Leukotriene inhibitors and Phosphodiesterase enzyme inhibitors on Alloxan Induced Diabetes in Rats, at the Department of Pharmacology, Faculty of Medicine, Minia University, 2013.
- 7- Master (M.Sc.) Thesis of Mrs. Asmaa Mohamed Mahmoud, entitled: The possible effect of diacerein on cisplatin-induced nephrotoxicity in rats, at the Department of Pharmacology, Faculty of Medicine, Minia University, 2012.
- 8- Doctoral (M.D.) Thesis of Mr. Mina Thabet Gayed, entitled: Effect of Some Antioxidant, Antihypertensive and Antidiabetic Drugs on The Toxicity of Some Antineoplastic Drugs in Rats, at the Department of Pharmacology, Faculty of Medicine, Minia University, 2012.
- 9- Doctoral (M.D.) Thesis of Mrs. Mervat Zaki Mohammed Zedan, entitled: Effects of Angiotensin Receptor Blockers, Peroxisome Proliferator Activated Receptors Agonists and Ursodeoxycholic Acid on Hepatic Fibrosis-Induced by Thioacetamide in Rats, at the Department of Pharmacology, Faculty of Medicine, Minia University, 2012.

- 10- Master (M.Sc.) Thesis of Mrs. Hanaa M. Khalaf, entitled: The Effect of Peroxisome Proliferator Activated Receptors Agonists on Methotrexate-induced Nephrotoxicity, at the Department of Pharmacology, Faculty of Medicine, Minia University, 2012.
- 11- Master (M.Sc.) Thesis of Mrs. Marwa M. Refaie, entitled: The protective effect of antioxidants on doxorubicin nephrotoxicity, at the Department of Pharmacology, Faculty of Medicine, Minia University, 2010.
- 12- Bachelor internship of Ms. Lianne Bos, entitled: Interactions of Immunosuppressant Drugs with Human Renal Basolateral Organic Anion transporters, at the Department of Pharmacology and Toxicology, Radboud University Nijmegen, the Netherlands, 2008.
- 13- Bachelor internship of Ms. Maarke M.J.E. Roelofs, entitled: Drug interactions at Human Renal Proximal Tubules Apical Transporters MRP4 and URAT1, at the Department of Pharmacology and Toxicology, Radboud University Nijmegen, the Netherlands, 2007.
- 14- Master internship of Iris M.J. Dros, entitled: Characterization of Mycophenolic Acid and its Metabolite as a Substrate of Human MRP2 Transporter, at the Department of Pharmacology and Toxicology, Radboud University Nijmegen, the Netherlands, 2007.
- 15- Paper writing supervision of I.H.J. Ploemen and K. van den Dries, entitled: Thiazides, uricosurics and xanthine oxidase inhibitors: interactions with urate transport mediated by the multidrug resistance protein MRP4, at the Department of Pharmacology and Toxicology, Radboud University Nijmegen, the Netherlands, 2006.
- 16- Paper writing supervision of H.S. Hendriks and W.M. Rensen van den Dries, entitled: Influence of NSAIDs on Methotrexate Transport by Multidrug Resistance Proteins MRP2 and MRP4, at the Department of Pharmacology and Toxicology, Radboud University Nijmegen, the Netherlands, 2005.

(d) Participation in Thesis and Oral Examination Committees

Level	Type	Number of Examinations
Master/PhD Students	Thesis Defense	3
PhD Students	Oral	29
Master Students	Oral	N/A (too many to count)

(e) Training and courses attended

- 1- Minia Central Unit of IT training obligatory courses, intended for promotion as a professor Including:
 - SPSS training course, at Minia University, Egypt, 23rd-25th June 2019

- Staff members website construction training course, at Minia University, Egypt, 26th-27th June 2019
- Endnote training course, at Minia University, Egypt, 1st-3rd July, 2019
- 2- ExamSoft training course at College of Medicine, Princess Nourah bint Abdulrahman University, February and March, 2019.
- 3- Simulation-based medical education training course, Princess Nourah bint Abdulrahman University Simulation center, 27th of December 2018.
- 4- Faculty and Leadership Development Project (FLDP) training obligatory courses, intended for promotion as a professor Including:
 - Ethics of scientific research course, at Minia University, Egypt, 6th-7th August 2018.
- 5- SPSS training course, College of Medicine, Princess Nourah bint Abdulrahman University, 26th December 2017.
- 6- REDcap training course, Health sciences research center, College of Medicine, Princess Nourah bint Abdulrahman University, 6th December 2017.
- 7- National committee of BioEthics of King Abdulaziz City for Sciences and Technology web-based training course of “Bioehtics online training course”, 10th December, 2017.
- 8- National Institute of Health web-based training course of “protecting Human Research Participants”, 25th of November 2017.
- 9- Faculty and Leadership Development Project (FLDP) training obligatory courses, intended for promotion as an associate professor, including:
 - Organization of scientific conferences course at Ain Shams University, Cairo, Egypt, 9th-10th September 2014.
 - Higher University Administrative Management course at Cairo University, Egypt, 6th-7th September 2014.
 - Credit hours evaluation course at Minia University, Egypt, 8th-9th January 2014.
 - Management of research team course at Minia University, Egypt, 5th-6th January, 2014.
 - Competitive research projects course at Minia University, Egypt, 16th-17th December 2013.
 - International publication course at Minia University, Egypt, 2nd-3rd December 2013.
- 10- Faculty and Leadership Development Project (FLDP) obligatory 2-days training courses, intended for the promotion as an assistant professor, at Minia University, Egypt in 2009, including:
 - Quality academic standards in teaching process course
 - Strategic planning course
 - Communication skills in different types of education course

- Educational professional ethics course
 - Financial and legal rules of the university course
 - Effective educational presentation course
- 11- Nijmegen Center for Molecular Life Sciences (NCMLS) full PhD Research training program Diploma (2004-2008), the Netherlands including:
- PhD student orientation course (initial semester)
 - NCMLS Seminars, forums, and PhD workshops
 - NCMLS PhD student yearly 2-day conferences
 - Participating in weekly department meetings
 - Participating in monthly colloquiums
 - Training on molecular laboratory techniques as cell culturing, virus-induced transduction for protein over-expression, cell membrane vesicles isolation, transport/inhibition studies using radiolabelled compounds, drug monitoring using high performance liquid chromatography, western blotting, immunohistochemical staining of tissues and cells, as well as ELISA technique, spectrophotometry and *in vivo* experiments using knockout animals.
- 12- The Seventh Dutch Nephrology Winter School course (5 days), organized by the Dutch Kidney Foundation (2007) held in Zandvoort, the Netherlands.
- 13- Radiation Hygiene 3-weeks course and examination (2007), held in Wageningen, the Netherlands.
- 14- Immunology Master Course and examination (1 semester): Infection, immunity and tissue repair theme (2005) in Radboud University Nijmegen, the Netherlands.
- 15- Preparatory Leadership Development course (1 week) of International Missions and Cultural Relations, at the Leadership Development Institute in Helwan, Egypt 2004.
- 16- ICDL training certificate with excellent computer skills (2004) Cairo University (Egypt).

5. RESEARCH

(a) Research Interests

- 1- Role of transporter proteins in pharmacology and toxicology
- 2- Mechanisms of drug-induced toxicity and means of prevention.
- 3- Novel anticancer drug discovery.

(b) Publications/Citations Data

Type of Publication	Number of Publications
- Articles in International Refereed Journals	25
- Conference Papers	16
- Academic Books/Book Chapters	5

- International Book Chapters 2
- <https://www.scopus.com/authid/detail.uri?authorId=15753598200> (till 25 June, 2019).
- Number of Citations: 642
- H-index: 13

(c) Grants

1. Awarded a research grant as co-principal investigator from the Deanship of Scientific Research of Princess Nourah bint Abdulrahman University on 22th November 2018 (Grant No# 39/PR/2) of 17,900 SR entitled: "Use of over-the-counter cosmeceuticals by PNU students".
2. Awarded a research grant of 98,500 SR as a principal investigator from the Deanship of Scientific Research of Princess Nourah bint Abdulrahman University on (16/09/2018; Grant No# 240/S/39) entitled: "Effect of analgesics on cisplatin-induced toxicity".
3. ealth research grant of 2,057,000 EGP, as principal investigator by the Egyptian Science, Technology and Development Fund (STDF), proposal ID 22934, entitled: "Multidrug resistance protein-oriented anticancer drug discovery (MRP-ADD)", proposal accepted on 17th of January 2017.
4. Workshop support grant from International Union of Basic and Clinical Pharmacology (IUPHAR) of 8,300 Euro to support ESPET 55th Annual Conference and Workshop on European-Egyptian Collaboration in Pharmacovigilance, 2016.
5. A 2-year grant to support Minia Technology, Innovation and Commercialization Office (Minia-TICO), of 500,000 EGP offered by Academy of Scientific Research and Technology, where I participated as director of Minia Grants and International Cooperation office (GICO), 2016-2017.
6. A 2-year grant to initiate Minia Technology, Innovation and Commercialization Office (Minia-TICO), of 690,000 EGP offered by Academy of Scientific Research and Technology, where I participated as director of Minia Grants and International Cooperation office (GICO), 2013-2015, extended till 2016.
7. A 1 year research grant as co-principal investigator, offered by King Faisal University, Al-Hassa, Kingdom of Saudi Arabia, entitled: Effect of Resveratrol on Methotrexate-induced Toxicity in Rats, acceptance number 141002 (dated 13/10/1434 Hijri), in 2013.
8. Travel grant offered by Research, Development and Innovation program to support my attendance of a workshop entitled: "MedSpring Training on Horizon2020 for Mediterranean national contact points (NCPs)", at Millennium hotel, Amman, Jordan, 9-11 December, 2013.
9. Travel grant offered by Research, Development and Innovation program to support my attendance of MIRA workshop on legal and financial issues of an

EU research project, at the National Council for Scientific Research (CNRS), Beirut, Lebanon, in January, 2013.

10.A full scholarship sponsoring a 4-years PhD research in the Netherlands, granted by the Egyptian Ministry of higher education in 2003.

(d) Participation in Regional & International Conferences

a. Invited Speaker at Scientific Meetings/Workshops

- 1- Invited speaker at the drug awareness campaign at the secondary school of Princess Nourah bint Abdulrahman University on 11th March 2019.
- 2- Invited speaker at the College of Pharmacy research day, Princess Nourah bint Abdulrahman University on 18th January 2019.
- 3- Invited speaker at the Scientific Research Day of College of Pharmacy of Princess Nourah bint Abdulrahman University on 17th January 2018, with a talk entitled: "Excellence in Scientific Research".
- 4- Invited speaker at the Egyptian Society of Pharmacology and Experimental therapeutics (ESPET) 55th Annual Conference themed European-Egyptian Collaboration in Pharmacovigilance, 2016.
- 5- Invited main speaker at the Egyptian Society of Pharmacology and Experimental therapeutics 55th annual conference, at a workshop entitled: "European-Egyptian Collaboration in Pharmacovigilance", at British University of Egypt, Cairo, Egypt, 5th of March 2015.
- 6- Invited speaker at workshop entitled: "Grants and available funding opportunities", at Minia University, 16 December 2014.
- 7- Invited speaker at Minia University, Faculty of Medicine Pharmacology department yearly conference, April 2014.
- 8- Invited speaker at the Annual Scientific Conference of the Egyptian Society of Pharmacology and Experimental Therapeutics, held in Cairo University, Egypt, with a presentation entitled: Egyptian Nationwide Educational Course of Adverse Drug Reactions and Pharmacovigilance, 10th of March 2012.

b. Attending conferences, workshops and seminars in Saudi Arabia (without publishing):

- 1- Tenth Medical Career day conference, Princess Nourah bint Abdulrahman University, 20th-21st February 2019.
- 2- Problem based learning workshop, College of Medicine, Princess Nourah bint Abdulrahman University, 25th December 2018.
- 3- Endnote Workshop, Health Sciences Research Center, Princess Nourah bint Abdulrahman University, 3rd October, 2018.

- 4- Workshop writing ILOs for accreditation and aligning courses ILOs with course competencies for SaudiMed, College of Medicine, Princess Nourah bint Abdulrahman University, 1st of October 2018.
- 5- Black chapters of biomedical research seminar, College of Medicine, Princess Nourah bint Abdulrahman University, 16th September 2018.
- 6- Support quality and configuration for the accreditation workshop, Central Conferences Halls, Princess Nourah bint Abdulrahman University, 4th January 2018.
- 7- Orientation on grants offered by Medical research center, College of Medicine, Princess Nourah bint Abdulrahman University, 30th November 2017.
- 8- Sampling techniques and sample size workshop, College of Medicine, Princess Nourah bint Abdulrahman University, 19th November 2017.
- 9- Hands on literature search using PubMed facilities workshop, College of Medicine, Princess Nourah bint Abdulrahman University, 5th November 2017.
- 10-Course specification workshop, College of Medicine, Princess Nourah bint Abdulrahman University, 29th October 2017.
- 11-Competencies of medical colleges in the kingdom workshop, College of Medicine, Princess Nourah bint Abdulrahman University, 19th October 2017
- 12-Proposal writing workshop, College of Medicine, Princess Nourah bint Abdulrahman University, 15th October 2017.
- 13-Workshops of orientation week for new faculty members, College of Medicine, Princess Nourah bint Abdulrahman University, 1-5 October 2017
- 14-SWOT workshop, College of Medicine, Princess Nourah bint Abdulrahman University, 27th September 2017.
- 15-International Patent Order Submission Workshop, College of Medicine, Princess Nourah bint Abdulrahman University, 20th February 2017
- 16-Research Publication Workshop, Health Sciences Research Center, Princess Nourah bint Abdulrahman University, 9th February 2017
- 17-Academic Quality: Practical Tips for Course Chair, College of Medicine, Princess Nourah bint Abdulrahman University, 8th February 2017
- 18-Creating Multiple Choice Questions Workshop, College of Medicine, Princess Nourah bint Abdulrahman University, 18th January 2017.
- 19-Create Blue Print Workshop, College of Medicine, Princess Nourah bint Abdulrahman University, 12th January 2017

c. Attending conferences and workshops in Egypt (without publishing):

- 1- 5th Annual International Delta Diabetes Association Conference, Cairo Marriott Hotel, 18-20th July, 2018.
- 2- Second Cairo International Exhibition of Innovation, Baron Palace in Cairo, 24th-25th November, 2015.

- 3- Industry Academia Collaboration conference 2015 (IAC2015), at Al-Azhar conference center, April 2015.
- 4- Research, Development and Innovation Program awarding ceremony at Conrad Hotel, Cairo, Egypt, 31st January 2015.
- 5- RDI/ShERACA Plus legal and financial training workshop, Semiramis Hotel, Cairo, Egypt, 17th-18th December, 2014.
- 6- First Cairo International Exhibition of Innovation, Greek Campus, American University in Cairo, 19th-20th November, 2014.
- 7- First international conference of industry academia cooperation (IAC2014), at Fairmont Heliopolis Hotel, 3-5 March, 2014.
- 8- Regional launch of Horizon2020: Meeting EuroMed Common Challenges – Research and Innovation Cooperation, at Sofitel Cairo El-Gezira Hotel, 9 February, 2014.
- 9- Workshop entitled: "Technology Transfer from Research to Community", organized by the German Science Centre in Cairo (DWZ) and the Delegation of the European Union to Egypt, at Sofitel Gezira hotel, Cairo, Egypt, 30 November-1 December, 2013.
- 10- Workshop entitled: "Overview of Technology, Innovation and Commercialization Centre Mandate" (code: TCO101), Nile University, Smart Village, Cairo, Egypt, 3rd November, 2013.
- 11- Workshop entitled: "Technology Scouting: Understanding and Recognizing Innovation w/ Case Studies" (code: TCO102), Nile University, Smart Village, Cairo, Egypt, 4th November, 2013.
- 12- Workshop entitled: "Preparing a Winning Grant Application" (code: GCO201), Nile University, Smart Village, Cairo, Egypt, 10th-11th November, 2013.
- 13- EU-Egypt Innovation Seminar Series: "Research and Innovation for Economic Development: The Pathway to Prosperity", Sofitel El Gezira Hotel, Cairo, Egypt, 9th of October, 2013.
- 14- Academy of Scientific Research and Technology, Launching of Transfer Technology and Innovation Office (TICO), at Nile University, Smart Village, 6th October district, Cairo, Egypt, 28th of July 2013.
- 15- The Research, Development and Innovation (RDI) Programme, ShERACA Project (FP7 grant 244364), RDI-ShERACA final training seminar, Flamengo Hotel, Cairo, Egypt, 21 April 2013.
- 16- The Research, Development and Innovation (RDI) Programme, ShERACA Project (FP7 grant 244364), RDI-ShERACA training seminar for FP7 advisors and information multipliers, Ain Shams University, Cairo, Egypt, February, 2013.

- 17- European Commission Research Seventh Framework Programme (FP7) Information Day, Cairo University, Conference Center, Student Hostel Campus (Hall C), Cairo, Egypt, October 2012.
- 18- The Research, Development and Innovation Programme Network (RDIN) Meeting, Ain Shams University, Cairo, Egypt, July 2012.
- 19- The Research, Development and Innovation Programme (RDI) first information day on Scheme-1 call for proposal, Cairo University, Conference Centre, Student Hostel Campus (Hall C), Cairo, Egypt, June 2012.
- 20- The Research, Development and Innovation Programme (RDI; Phase II) workshop "Innovation Clusters in Egypt: Challenges and Opportunities, Marriott Hotel; Aida Ballroom, May 2012.

d. Attending international conferences and workshops (without publishing):

- 1- Workshop entitled: "MedSpring Training on Horizon2020 for Mediterranean national contact points (NCPs)", at Millennium hotel, Amman, Jordan, 9-11 December, 2013.
- 2- MIRA workshop on legal and financial issues of an EU research project, at the National Council for Scientific Research (CNRS), Beirut, Lebanon, in January, 2013.

6. SERVICE

(a) Membership of Scientific Advisory Boards

- 1- Elected board member of the Egyptian Society of Pharmacology and Experimental Therapeutics (2016-2017).
- 2- Nominated by the head of the university as a member of the board of Minia University higher council of training and development (2015-2017).
- 3- Member of the Research Ethics Committee of Faculty of Medicine, Minia University (2013-2017).
- 4- Representative member of Pharmacology Department in several committees of Minia Medical Faculty, including faculty accreditation quality reassurance and self-study (2013-2017), curriculum vitae preparation (2014-2017) and research equipment and furniture organization (2014-2017) committees.

(b) Membership of Conference/workshop organization Committees

- 1- Main organizer of Bulimia and Anorexia Nervosa awareness Campaign held in Princess Nourah bint Abdulrahman University on the 10th of February 2019.
- 2- Main organizer of "Questionnaire-based Research Workshop", held at Health Sciences Research Center of Princess Nourah bint Abdulrahman University on the 29th of October 2018.

- 3- Organizer and main speaker of “Antibiotics: which, when and why?” workshop held in the college of Medicine in Princess Nourah bint Abdulrahman University on the 18th of April 2018.
- 4- Organizer and main speaker of Over-the-Counter cosmeceutical drugs workshop held in the college of Medicine in Princess Nourah bint Abdulrahman University on the 28th of November 2017.
- 5- Member of organizing committee and key speaker of Types of narcotics and methods of protection workshop held in the college of Medicine in Princess Nourah bint Abdulrahman University on the 26th of October 2017.
- 6- Member of organizing committee and key speaker of Types of narcotics and methods of protection workshop held in the faculty of Pharmacy in Princess Nourah bint Abdulrahman University on the 23rd of October 2017.
- 7- Member of organizing committee of the Egyptian Society of Pharmacology and Experimental therapeutics 55th annual conference (planned to be conducted on 5th of March 2015 at British University of Egypt, Cairo, Egypt).
- 8- Head of organizing committee of a workshop entitled: "Grants and available funding opportunities", at Faculty of Science, Minia University, Egypt, on 16 December 2014.
- 9- Head of organizing committee of the Pharmacology department yearly conference 2014, held in Faculty of Medicine, Minia University, on April 2014.
- 10- Organizer of the monthly seminar of Pharmacology Department, Faculty of Medicine, Minia University (2012-2015).

(c) Service as Reviewer

- Reviewer for Biomedicine and Pharmacotherapy journal, since 2017.
- Reviewer of Minia Journal of Medical Research (MJMR; ISSN: 1110-2446) (2012-2017).
- Reviewer for the African Journal of Pharmacy and Pharmacology (ISSN: 1996-0816), since 2013.
- Reviewer for Journal of Physiology and Pharmacology (ISSN: 0867-5910), since 2014.
- Reviewer for Life Sciences (ISSN: 0024-3205), since 2014.
- Registered expert as a reviewer in the European commission (Expert candidature number: EX2013D156795).

(d) Membership of Journal Editorial Boards

Associate editor of Minia Journal of Medical Research (MJMR; ISSN: 1110-2446), 2013-2017, URL: <http://mjmr.org/User/Article.aspx?art=159>

(e) University Service

1. Member of the board of Minia University higher council of training and development, since 2015.
2. Director of Minia University Erasmus+ focal point (an international agency offering grants of EU for reforming higher Education) since 2014.
3. Director of Minia Grants and International Cooperation office (GICO), of Minia Technology, Innovation and Commercialization Office (Minia-TICO), funded by a 2-year grant (690,000 EGP) offered by Academy of Scientific Research and Technology, since June 2013.
4. Member of the Research Ethics Committee of Faculty of Medicine, Minia University, since 2013.
5. Director of Minia focal point for the Research, Development and Innovation Program (RDI), as appointed by the Egyptian Ministry of Scientific Research and Minia University, via funded by the European Commission, since 2012.

(f) Public Service

Public service as a General Practitioner (March 1994 - February 1995) at Mataria Educational public Hospital, Cairo, Egypt

7. List of Publications

(a) International Refereed Journals

1. Mohamed A. Morsy, Snehal S. Patel, Azza A.K. El-Sheikh, Jignasa K. Savjani, Anroop B. Nair, Jigar N. Shah, Katharigatta N. Venugopala. Computational and Biological Comparisons of Plant Steroids as Modulators of Inflammation through Interacting with Glucocorticoid Receptor. Mediators of Inflammation, 2019, 3041438. <https://www.hindawi.com/journals/mi/2019/3041438/>
2. Azza A.K. El-Sheikh, Mohamed A. Morsy, Rania G.Abdel-latif. Modulation of eNOS/iNOS by nebivolol protects against cyclosporine A mediated nephrotoxicity through targeting inflammatory and apoptotic pathways. Environmental Toxicology and Pharmacology 69 (2019) 26–35. <https://www.sciencedirect.com/science/article/pii/S1382668919300389>
3. Asmaa M. Abdel-Aziz, Mohamed A. Ibrahim, Azza A.K El-Sheikh, Maha Y. Kamel, Nagwa M. Zenhom, Salam Abdel-Raheim, Hisham Abdelhaleem. Effect of Sofosbuvir Plus Daclatasvir in Hepatitis C Virus Genotype-4 Patients: Promising Effect on Liver Fibrosis. J Clin Exp Hepatol. 2018; 8 (1): 15-22.* <https://www.ncbi.nlm.nih.gov/pubmed/29743792>
4. Mohamed A. Ibrahim, Asmaa Abdel-Aziz, Azza A.K. El-sheikh, Maha Kamel, Hisham Abdel-Haleem. Hepatic effect of sofosbuvir and daclatasvir in thioacetamide-induced liver injury in rats. Clin Exp Hepatol, 2018; 4, 3: 175-

- 181.* <https://www.termedia.pl/Hepatic-effect-of-sofosbuvir-and-daclatasvir-in-thioacetamide-induced-liver-injury-in-rats,80,33650,1,1.html>
5. Asmaa M.M. Mohamed, Mohamed A. Ibrahim, Azza A.K. El-Sheikh, Nisreen A. Osman, Ayman Geddawy and Aly M.O. Abdelrahman. Renal protection of Diacerein against Cisplatin-induced nephrotoxicity in rats. *Int. J. Pharmacol.*, 2018.* <http://scialert.net/qredirect.php?doi=ijp.0000.86791.86791&linkid=pdf>
6. Morsy MA, El-Sheikh AAK, Ibrahim ARN, Khedr MA, Al-Taher AY. In silico comparisons between natural inhibitors of ABCB1/P-glycoprotein to overcome doxorubicin-resistance in the NCI/ADR-RES cell line. *Eur J Pharm Sci.* 2018; 112: 87-94. <https://www.ncbi.nlm.nih.gov/pubmed/29133241>
7. Marwa A.M. Ali, Gehan H. Heeba, Azza A.K. El-Sheikh. Modulation of heme oxygenase-1 expression and activity affects streptozotocin-induced diabetic nephropathy in rats. *Fundam Clin Pharmacol.* 2017; 31 (5): 546-557. <https://www.ncbi.nlm.nih.gov/pubmed/28543864>
8. Azza A.K. El-Sheikh, Mohamed A. Morsy, Ahmed M. Okasha. Inhibition of NF- κ B/TNF- α pathway may be involved in the protective effect of resveratrol against cyclophosphamide-induced multi-organ toxicity. *Immunopharmacol Immunotoxicol.* 2017; 2: 1-8. <https://www.ncbi.nlm.nih.gov/pubmed/28463035>
9. Azza A.K. El-Sheikh, Kamel MY. Ginsenoside-Rb1 ameliorates lithium-induced nephrotoxicity and neurotoxicity: Differential regulation of COX-2/PGE2 pathway. *Biomed Pharmacother.* 2016; 84: 1873-1884. <https://www.ncbi.nlm.nih.gov/pubmed/27847198>
10. Azza A.K. El-Sheikh, Morsy MA, Al-Taher AY. Protective mechanisms of resveratrol against methotrexate-induced renal damage may involve BCRP/ABCG2. *Fundam Clin Pharmacol.* 2016; 30(5): 406-418. <https://www.ncbi.nlm.nih.gov/pubmed/27213989>
11. Azza A.K. El-Sheikh, Morsy MA, Hamouda AH. Protective Mechanisms of Thymoquinone on Methotrexate-induced Intestinal Toxicity in Rats. *Pharmacogn Mag.* 2016; 12(Suppl 1): S76-81. <https://www.ncbi.nlm.nih.gov/pubmed/27041864>
12. Azza A.K. El-Sheikh, Mohamed A. Morsy, Ahlam Abdalla, Azza Hamouda, Ibrahim Alhaider. Mechanisms of Thymoquinone Hepato-Renal Protection in Methotrexate-Induced Toxicity in Rats. *Mediators of Inflammation, Mediators Inflamm.* 2015;2015:859383. <https://www.ncbi.nlm.nih.gov/pubmed/26089605>
13. Azza A.K. El-Sheikh, Mohamed A. El-Moselhy. Gastro-protection of Atorvastatin in Indomethacin-induced Ulcer: Role of Tumor Necrosis Factor- α and Prostaglandins. *Asian J Pharmaceut Res Health Care*, 2014; 6 (2): 15-20.

<https://docs.google.com/viewerng/viewer?url=http://jprhc.in/index.php/ajprhc/article/viewFile/168/131>

14. Azza A.K. El-Sheikh, Mohamed A. Morsy, Abdulla Y Al-Taher. Multi-drug resistance protein (Mrp) 3 may be involved in resveratrol protection against methotrexate-induced testicular damage. *Life Sci.*, 119 (1-2): 40-46, 2014. <http://www.ncbi.nlm.nih.gov/pubmed/25445225>
15. Azza A.K. El-Sheikh, Rehab A. Rifaai. Peroxisome proliferator activator receptor (PPAR)- γ ligand, but not PPAR- α , ameliorates cyclophosphamide-induced oxidative stress and inflammation in rat liver. *PPAR Research*, PPAR Res., 2014: 626319, 2014. <http://www.ncbi.nlm.nih.gov/pubmed/24803924>
16. Maggie M. Ramzy, Azza A.K. El-Sheikh, Maha Y. Kamel, Soha A. Abdelwahab, Mohamed A. Morsy. Mechanisms of testicular protection of carvedilol in streptozotocin-induced diabetic rats. *Indian J Pharmacol.*, 46 (2): 1-5, 2014. <http://www.ncbi.nlm.nih.gov/pubmed/24741186>
17. Azza A.K. El-Sheikh, Mohamed A. Morsy, Marwa M. Mahmoud, Rehab A. Rifaai. Protective mechanisms of coenzyme-Q10 may involve up-regulation of testicular P-glycoprotein in doxorubicin-induced toxicity. *Environ Toxicol Pharmacol.*, 37 (2): 772-781, 2014. <http://www.ncbi.nlm.nih.gov/pubmed/24632013>
18. Mohamed A. Ibrahim*, Azza A.K. El-Sheikh, Hanaa M. Khalaf, Aly M. Abdelrahman. Protective effect of peroxisome proliferator activator receptor (PPAR)- α and - γ ligands against methotrexate-induced nephrotoxicity. *Immunopharmacol Immunotoxicol.*, 36 (2): 130-137, 2014. <http://www.ncbi.nlm.nih.gov/pubmed/24521009>
19. Mohamed A. El-Moselhy, Azza A. El-Sheikh. Protective mechanisms of atorvastatin against doxorubicin-induced hepato-renal toxicity. *Biomed Pharmacother.*, 68 (1): 101-110, 2014. <http://www.ncbi.nlm.nih.gov/pubmed/24268999>
20. Azza A.K. El-Sheikh, Jan B. Koenderink, Alfons C. Wouterse, Petra H. van den Broek, Vivienne G.M. Verweij, Rosalinde Masereeuw, Frans G.M. Russel. Renal glucuronidation and multidrug resistance protein 2-/ multidrug resistance protein 4-mediated efflux of mycophenolic acid: interaction with cyclosporine and tacrolimus. *Transl Res.*, 164 (1): 46-56, 2014. <http://www.ncbi.nlm.nih.gov/pubmed/24486136>
21. Azza A.K. El-Sheikh, Rick Greupink, Heleen M. Wortelboer, Jeroen J.M.W. van den Heuvel, Marieke Schreurs, Jan B. Koenderink, Rosalinde Masereeuw, Frans G.M. Russel. Interaction of Immunosuppressive drugs with Human Organic Anion Transporters OAT1 and OAT3 and Multidrug Resistance-associated

* Publications extracted from Master or PhD theses supervision.

- Proteins MRP2 and MRP4. *Translational Research*, 162 (6): 398-409, 2013.
<http://www.ncbi.nlm.nih.gov/pubmed/24036158>
22. Ashraf Taye, Azza A.K. El-Sheikh. Lectin-like Oxidized Low Density Lipoprotein Receptor 1 Pathways. *Eur J Clin Invest*, 43 (7): 740-745, 2013.
<http://www.ncbi.nlm.nih.gov/pubmed/23594336>
23. Azza A.K. El-Sheikh, Mohamed A. Morsy, Marwa M. Mahmoud, Rehab A. Rifaai and Aly M. Abdelrahman. Effect of coenzyme-Q10 on doxorubicin-induced nephrotoxicity in rats. *Adv Pharmacol Sci*, 2012: 981461, 2012. [doi: 10.1155/2012/981461]. <http://www.ncbi.nlm.nih.gov/pubmed/23346106>
24. Azza A.K. El-Sheikh, Jeroen J.M.W. van den Heuvel, Jan B. Koenderink, and Frans G.M. Russel: Effect of hypouricemic and hyperuricemic drugs on renal urate efflux transporter multidrug resistance protein (MRP) 4. *Br. J. Pharmacol.*, 155: 1066-1075, 2008.
<http://www.ncbi.nlm.nih.gov/pubmed/18724382>
25. Azza A.K. El-Sheikh, Jeroen J.M.W. van den Heuvel, Elmar Krieger, Frans G.M. Russel, and Jan B. Koenderink: Functional role of Arginine 375 in transmembrane helix 6 of multidrug resistance protein 4 (MRP4/ABCC4). *Mol. Pharmacol.*, 74: 964-971, 2008.
<http://www.ncbi.nlm.nih.gov/pubmed/18612080>
26. Azza A.K. El-Sheikh, Rosalinde Masereeuw and Frans G.M. Russel: Mechanisms of renal anionic drug transport. *Eur. J. Pharmacol.*, 585: 245-255, 2008.
<http://www.ncbi.nlm.nih.gov/pubmed/18417112>
27. Azza A.K. El-Sheikh, Jeroen J.M.W. van den Heuvel, Jan B. Koenderink, and Frans G.M. Russel: Interaction of nonsteroidal anti-inflammatory drugs with multidrug resistance protein (MRP) 2/ABCC2- and MRP4/ABCC4-mediated methotrexate transport. *J. Pharmacol. Exp. Ther.*, 320: 229-35, 2007.
<http://www.ncbi.nlm.nih.gov/pubmed/17005917>
28. Nijmegen Center for Molecular Life Sciences Annual Report entitled "Understanding Renal Drug-Drug Interactions", page 40, 2007.
http://www.ncmls.eu/media/7044/ncmls_2007_150dpi.pdf

(b) Conference Papers

- 1- Mohamed A. Morsy, Azza A.K. El-Sheikh. In Silico and in vitro piperine-ABCB1/P-glycoprotein interactions that might improve doxorubicin anticancer efficacy. Accepted as oral presentation in the 32nd annual meeting of the Saudi Biological Society, Makkah Al-Mukarramah, Saudi Arabia, April 18–20, 2017.
- 2- Mohamed A. Morsy, Azza A.K. El-Sheikh. "Protective effect of resveratrol against cyclophosphamide-induced toxicity in rats", in the 4th MNGHA Research Day at King Abdulaziz Hospital, King Abdullah International Medical Research Center, King Saud bin Abdulaziz University for Health Sciences,

- Ministry of National Guard Health Affairs (MNGHA), Eastern Region, Al-Ahsa, Saudi Arabia. April 23, 2015. (Awarded 2nd Place Poster Presentation Prize)
- 3- Mohamed A. Morsy[#], Azza A.K. El-Sheikh, Abdulla Y. Al-Taher. Involvement of Multidrug resistance protein (MRP) 3 in resveratrol protection against methotrexate-induced testicular damage. Oral Presentation in the 13th International Conference on Pharmaceutical Sciences and Pharmacology, 23-24 January 2015, Paris, France.
 - 4- Azza A.K. El-Sheikh[#], Mohamed A. Ibrahim, Asmaa M.M. Mohamed, Aly M.O. Abdelrahman. Renal protection of Diacerein against Cisplatin-induced nephrotoxicity in rats. Poster presentation at the Egyptian Society of Pharmacology and Experimental Therapeutics; ESPET, during the 54th Annual Meeting at the British University, El-Sherouk, Egypt, 20 December, 2014.
 - 5- Azza A.K. El-Sheikh[#], Mervat Z. Mohamed, Nashwa F. El-Tahawy, Aly M.O. Abdelrahman. Ursodeoxycholic acid dose-dependently attenuated thioacetamide-induced liver fibrosis in rats. Poster presentation at the Egyptian Society of Pharmacology and Experimental Therapeutics; ESPET, during the 54th Annual Meeting at the British University, El-Sherouk, Egypt, 20 December, 2014.
 - 6- Mohamed A. El-Moselhy[#], Azza A.K. El-Sheikh. Protective Mechanisms of Atorvastatin against Doxorubicin-induced Hepato-renal Toxicity. Oral presentation at American Society of Pharmacology and Experimental Therapeutics; ASPET, during the Annual Meeting at Experimental Biology, 20-24 April 2013, Boston, MA, USA.
 - 7- Azza A.K. El-Sheikh[#], Mohamed A. Morsy, Azza Hussein. Protective Mechanisms of Thymoquinone on Methotrexate-induced Intestinal Toxicity in Rats. Oral presentation at the Egyptian Society of Pharmacology and Experimental Therapeutics; ESPET, during the Annual Meeting at the British University, El-Sherouk, Egypt, 13 April 2013, published at Egyptian Journal of Basic and Clinical Pharmacology, 3 (1): 9, 2013.
 - 8- Azza A.K. El-Sheikh[#], Mohamed A. El-Moselhy. Gastro-protection of Atorvastatin in Indomethacin-induced Ulcer: Role of Tumor Necrosis Factor-alpha and Prostaglandins. The abstract was accepted for poster presentation at the Egyptian Society of Pharmacology and Experimental Therapeutics; ESPET, during the Annual Meeting at the British University, El-Sherouk, Egypt, 13 April 2013, published at Egyptian Journal of Basic and Clinical Pharmacology, 3 (1): 29, 2013.
 - 9- Azza A.K. El-Sheikh[#], Mohamed A. Morsy, Marwa M. Mahmoud, Rehab A. Rifaai, Aly M. Abdelrahman. Protective Mechanisms of Co-enzyme Q10

[#] Presented on behalf of the co-authors.

involves Up-regulation of Testicular P-glycoprotein in Doxorubicin-induced Toxicity. Poster presentation at the Annual Scientific Conference of the Egyptian Society of Pharmacology and Experimental Therapeutics, Cairo University, Egypt, 14-15 March 2012.

- 10- Azza A.K. El-Sheikh[#], Mohamed A. Morsy, Marwa M. Mahmoud, Rehab A. Rifaai. Protective Mechanisms of Coenzyme Q10 in Doxorubicin-Induced Nephrotoxicity in Rats. Poster presentation at Assiut University 8th International Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut University, Egypt, 10 March 2012.
- 11- Azza A.K. El-Sheikh, Alfons C. Wouterse, Petra H.H. van den Broek, Rosalinde Masereeuw[#] and Frans G.M. Russel: Cyclosporin A but not tacrolimus inhibits renal mycophenolic acid glucuronidation and multidrug resistance protein (MRP) 2-mediated excretion. AAPS Annual Meeting and Exposition, 2009.
- 12- Azza A.K. El-Sheikh, Jeroen J.M.W. van den Heuvel, Jan B. Koenderink[#], and Frans G.M. Russel. Interaction of immunosuppressants with methotrexate transport mediated by human multidrug resistance transporters MRP2 and MRP4. Naunyn-Schmiedeberg's Archives of Pharmacology (abstract), 379: 202, 2009.
- 13- Azza A.K. El-Sheikh[#], Jeroen J.M.W. van den Heuvel, Jan B. Koenderink, and Frans G.M. Russel. Interaction of uricosurics and diuretics with the renal urate efflux transporter MRP4/ABCC4. Naunyn-Schmiedeberg's Archives of Pharmacology (abstract) 375: 148, 2007. Presented at the Pharmaceutical Sciences Third World Congress (PSWC-2007), held in RAI Congress Centre, Amsterdam, the Netherlands.
- 14- The Federation for Innovative Drug Research (FIGON) conference (Farmacologiedagen), held at the Congreshotel de Werelt, te Lunteren, the Netherlands. Poster entitled: Effect of hypouricemic and hyperuricemic drugs on urate transport by multidrug resistance protein (MRP) 4, 2006.
- 15- Azza A.K. El-Sheikh[#], Jeroen J.M.W. van den Heuvel, Jan B. Koenderink, and Frans G.M. Russel. Interaction of NSAIDs with MRP2/ABCC2-and MRP4/ABCC4-mediated methotrexate transport. Naunyn-Schmiedeberg's Archives of Pharmacology (abstract) 373: 92, 2006.
- 16- Mohamed M.A. Khalifa, Magdy K.A. Hassan, Osama M. Ashour, Mohamed A. Ibrahim, Azza A.K. El-Sheikh[#] and Abdel-Baset T.A. Abdel-Haleem. Lipid peroxidation and Hypercholesterolemic Atherosclerosis: Effect of some calcium channel blockers and some Angiotensin converting enzyme inhibitors. The 42nd Annual Scientific Conference of Al-Azhar University, supervised by The Egyptian Society of Pharmacology and Experimental Therapeutics, (abstract), 1998.

[#] Presented on behalf of the co-authors.

(c) Books/Book Chapters:

- 1- Azza A.K. El-Sheikh, Mina T. Gayed. Basic Medical Sciences (Pharmacology and Pathology) book for training course of medical physiotherapy technicians, IBI publisher, Egypt, 2013 (in Arabic).
- 2- Azza A.K. El-Sheikh. Creatinine transport. In: Creatinine: Production, Diagnostic Uses and Role in Renal Disease. Perkins, I.H. and Chapman, C.M. (eds), chapter 10, NovaPublishers, NY, USA, 2012. (ISBN: 978-1-62257-475-9).
https://www.novapublishers.com/catalog/product_info.php?products_id=32052
- 3- Mohamed A. Morsy, Azza A.K. El-Sheikh. Prevention of Gastric Ulcers. In: Peptic Ulcer Disease. Chai J (Ed.), InTech, Croatia, 2011. ISBN 978-953-307-976-9.
<http://www.intechopen.com/articles/show/title/prevention-of-gastric-ulcers>.
- 4- Azza A.K. El-Sheikh. Pharmacology of the central nervous system. In: Practical and Clinical Pharmacology Notes for undergraduate pharmacology students, Department of Pharmacology, Faculty of Medicine, Minia University, Egypt, 2009 (updated in 2013).
- 5- Azza A.K. El-Sheikh. Immuno-pharmacology. In: Practical and Clinical Pharmacology Notes for undergraduate pharmacology students, Department of Pharmacology, Faculty of Medicine, Minia University, Egypt, 2009 (updated in 2011, 2012 and 2013).
- 6- Azza A.K. El-Sheikh. Autacoids. In: Practical and Clinical Pharmacology Notes for undergraduate pharmacology students, Department of Pharmacology, Faculty of Medicine, Minia University, Egypt, 2009.
- 7- Azza A.K. El-Sheikh. PhD doctoral thesis Pharmacology book entitled: "Renal Transport and Drug Interactions of Immunosuppressants". (ISBN: 978-90-9023458-8). PhD research was conducted in Radboud University Nijmegen in the Netherlands. The URL link for the thesis is http://webdoc.ubn.ru.nl/mono/e/el_sheikh_a/renatrand.pdf , 2008.
- 8- Azza A.K. El-Sheikh Master thesis Pharmacology book entitled: "Possible Antioxidant Effect of SH-Containing Angiotensin Converting Enzyme Inhibitors in Ameliorating Atherogenesis". Master research was conducted in Minia University, Egypt, 1998.

(d) Other Publications

- 1- Quotation of an article in the news through Drug Week: Carrier proteins - ATP-dependent organic anion transporters; researchers from menia university detail new studies and findings in the area of ATP-dependent organic anion transporters (in silico comparisons between natural inhibitors of ABCB1/P-glycoprotein to overcome doxorubicin-resistance in the ...). (2018, Jan 26).

Drug Week Retrieved from <https://search-proquest-com.sdl.idm.oclc.org/docview/2113636260?accountid=142908>

- 2- In Atlas of Science (October 27, 2016), an assay entitled: Product of red grapes protects kidney from anticancer toxicity by increasing its extruding protein. <https://atlasofscience.org/product-of-red-grapes-protects-kidney-from-anticancer-toxicity-by-increasing-its-extruding-protein/>
- 3- Quoted in Kidney international Newsletter for her contribution in as an organizing committee member and invited speaker in the 55th annual conference of the Egyptian Society of Pharmacology and Experimental Therapeutics Conference, held in the British University in Cairo, http://www.webmelting.com/iuphar/files/Newsletters/Pharmacology_International_2016_June.pdf , 2016, pages 16-18.
- 4- Quoted in the "Women International Day" in Radboud University Nijmegen Vox magazine, 7th edition, vol. 13 (article in Dutch). URL: http://www.ru.nl/vm/vox-magazine/archief-vox/zoek_op_nummer/jaargang-7/nummer_13/artikelen/alles_voor_de/
- 5- Quoted in the "Conceptuur" magazine, in December 2006 issue, volume 49, page 10 (article in Dutch), URL: <http://www.figon.nl/pdf/conceptuur-49.pdf> for receiving the best oral presentation certificate during the "Drug-related research PhD competition" from Radboud University Nijmegen, and elected to participate in the Dutch National PhD competition During Figon Conference 2006, the Netherlands.