

Curriculum

Vitae



-Personal information

Full Name:

Nationality:

Date of birth:

Place of birth:

Marital status:

Address:

E-Mail:

Mobile:

- Sylvia Azmy Boshra Ywakim
- Egyptian
- 28/7/1978
- Cairo/Egypt
- Married
- 6th October
- sylviaazmy@yahoo.com
- sylviaazmy@o6u.edu.eg
- 01223488974

-Education:

- Ph.D. in Pharmaceutical Sciences (**Biochemistry department, Cairo University ,2012**)
Ph.D. Thesis: Insulin like growth factors and some of their binding proteins in acute lymphoblastic leukemic pediatric Egyptian patients
- Master Degree in Pharmaceutical Sciences (**Biochemistry department, Helwan University , 2009**)
M.Sc. Thesis: Telomerase activity in acute leukemic pediatric patients
- B. Pharm. Sci. (**October 6 University , 2000**)
Excellent Degree with honor.

-Professional occupations:

- Demonstrator (Biochemistry department ,October 6 University, 2000)
- Assistant lecturer (Biochemistry department, October 6 University, 2009)
- Lecturer (Biochemistry department, October 6 University, 2013)
- Associate Professor (Biochemistry department, October 6 University, 2018)
- Head of control of 1st year in the academic year 2016/2017
- Secretary of the Faculty Council from November 2019 to June 2022
- Acting head of the department from July 2022

-Experience

Teaching experience :

- Teaching as a demonstrator of Biochemistry starting from year 2000 (third and fourth year)
- Teaching as a assistant lecturer of Biochemistry starting from year 2009 (third and fourth year)
- Teaching as a lecturer of Biochemistry starting from year 2013 (third and fourth year)
- Teaching as a Associate Professor of Biochemistry starting from year 2018 (first, second, third , fourth and fifth year)
- Involved in the control and quality control
- Participate in practical ,oral and written exams for first, second, third , fourth and fifth year pharmacy students

Research experience and list of publications:

- [Sylvia A. Boshra](#), Zeinab A. Hassan, Atef T. Fahim, Ibrahim M. Abdel Salam and Mohamed M. Elmazar (2009): Telomerase activity and Fas expression in acute leukemic pediatric patients. The Egyptian journal of biochemistry and molecular biology, 277-290.
- Nadia Iskander Zakhary, [Sylvia Azmy Boshra](#), Maha Mahmoud El-Sawalhi, Atef T. Fahim, and Emad Nabil Ebeid (2012): Insulin like growth factor system in Egyptian children with acute lymphoblastic leukemia. Genetic testing and molecular biomarkers, 16(9):1067-1072.
- [Sylvia A. Boshra](#), Zeinab A. Hassan, Atef T. Fahim, Ibrahim M. Abdel Salam, and Mohammed M. Elmazar (2013): Clinical significance of telomerase activity and Fas expression in Egyptian children with acute leukemia. Sci. Journal of Oct. 6 Uni 2013, 1(1): 14-22. [This article has gained the best article in the first volume of the journal](#)
- Mohamed A. Hussein and [Sylvia A Boshra](#) (2013): Antitumor and structural antioxidant activity relationship of colchicine on Ehrlich ascites carcinoma in female mice. International journal of drug delivery, 5:430-437.
- [Sylvia A Boshra](#) and Mohamed A. Hussein (2014): The protective role of colchicine on declofenac sodium induced hepatorenal toxicity in albino rats model. International journal of pharmaceutical sciences and research, 5(12):5136-5144.
- [Sylvia A Boshra](#) and Mohamed A. Hussein (2016): Cranberry extract as a supplemented food in treatment of oxidative stress and breast cancer induced by N-methyl-N-nitrosourea in female virgin rats. International journal of phytomedicine, 8:217-227.
- [Sylvia A Boshra](#) (2016): The protective effects of Curcumin and caffeic acid alone or in combination on Nicotine induced lung injury in rats. International journal of phytomedicine, 8:238-248.
- [Sylvia A Boshra](#) and Mohamed A. Hussein (2017): Antileukopenic and antioxidant effects of cranberry extract in benzene and fluorouracil induced leukopenia in rats. International journal of biological and pharmaceutical research, 8(2):52-62.

- [Sylvia A Boshra](#) (2017): Protective effects of ferulic acid against liver cholestasis induced by ethinylestradiol in adult female rats. International journal of pharmaceutical sciences and research.8(11):4582-4590.
- [Sylvia A Boshra](#) and Alaadin E. El-Haddad(2018):The protective effects of MPLC isolated glycyrrhizin and mangiferin against brain toxicity in rats. Medicinal chemistry research 27:1449-1459.
- Alaadin E. El-Haddad, Nermin M.Sheta and [Sylvia A Boshra](#) (2018) : Isolation, formulation and efficacy enhancement of Morin emulsified carriers against lung toxicity in rats.AAPS PharmSciTech DOI:10.1208/S12249-018-1072-6.
- Nora M. Aborehab and [Sylvia A. Boshra](#)(2019): 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 57:274-281
- Nermin M.Seta,Yasmin A. Elfeky and [Sylvia A. Boshra](#) (2020): Cardioprotective Efficacy of Silymarin Liquisolid in Isoproterenol Prompted Myocardial Infarction in Rats.AAPS PharmSciTech,21(3):81 DOI:10.1208/s12249-019-1609-3
- [Sylvia A. Boshra](#) (2020): Resveratrol Modulates miR-34a in Cardiotoxicity Induced by Isoproterenol. J Med Food Jun;23(6):593-599. Doi: 10.1089/jmf.2019.0209. Epub 2019 Dec 2.
- Nermin M. Sheta and [Sylvia A. Boshra](#) (2021) :Fabrication and Evaluation of Celecoxib Oral Oleogel to Reduce the Inflammation of Ulcerative Colitis. _AAPS PharmSciTech 22(5):180 DOI: 10.1208/s12249-021-02042-6
- [Sylvia A. Boshra](#) (2021):Sulfasalazine attenuates ulcerative colitis in rats via downregulation of miRNA-31, metalloproteinase-3 and high mobility group box-1. International Journal of Pharmacy and Pharmaceutical Sciences. Vol 13, Issue 8
- Heba A. El Gizawy, [Sylvia A. Boshra](#), Ahmed Mostafa , Sara H. Mahmoud , Muhammad I. Ismail , Aisha A. Alsouk , Azza T. Taher, and Ahmed A. Al-Karmalawy(2021): Pimenta dioica (L.) Merr. Bioactive Constituents Exert Anti-SARS-CoV-2 and Anti-Inflammatory Activities: Molecular Docking and Dynamics, In Vitro, and In Vivo Studies(2021) Molecules. 26(19): 5844.

- [Sylvia A. Boshra](#)(2022): Astaxanthin Attenuates Adiponectin, Calprotectin, miRNA222 and miRNA378 in Obesity induced by High-Fat Diet in Rats. Current pharmaceutical biotechnology,23(4):609-618 doi: [10.2174/1389201022666210810105804](https://doi.org/10.2174/1389201022666210810105804)
- Nermin M. Sheta , [Sylvia A. Boshra](#) , Mohamed A. Mamdouh and Khaled M. Abdel-Haleem (2022): Design and optimization of silymarin loaded in lyophilized fast melt tablets to attenuate lung toxicity induced via HgCl₂ in rats. Drug Delivery, 29(1): 1299–1311
- Heba A. El Gizawy , Alaadin E. El-Haddad , Amr M. Saadeldeen and [Sylvia A. Boshra](#) (2022): Tentatively Identified (UPLC/T-TOF-MS/MS) Compounds in the Extract of Saussurea costus Roots Exhibit In Vivo Hepatoprotection via Modulation of HNF-1 α , Sirtuin-1, C/ebp α , miRNA-34a and miRNA-223. Molecules , 27(9):2802.
- Heba A. El Gizawy and [Sylvia A. Boshra](#) (2023) *Pachira macrocarpa* Schltdl. & Cham., HPLC Profile and Neuroprotective potential *via* regulation of JNK, miRNA132 and miRNA-125b. Acs omega , 8,27238-27246
- Mohammed Abdalla Hussein , Rita M. Borik , Mohamed S. Nafie , Heba M. Abo-Salem ,[Sylvia A. Boshra](#) and Zahraa N. Mohamed (2023): Structure Activity Relationship and Molecular Docking of Some Quinazolines Bearing Sulfamerazine Moiety as New 3CLpro, cPLA2, sPLA2 Inhibitors. Molecules , 28(16), 6052. <https://doi.org/10.3390/molecules28166052>
- Shereen S. El-Mancy , [Sylvia A. Boshra](#) , Osama S. Elnahas Sahar M. Fayez and Nermin M. Sheta (2023): Enhancement of Bottle Gourd Oil Activity via Optimized 2 Self-Dispersing Lipid Formulations (SDLFs) to Mitigate 3 Isoproterenol-Evoked Cardiac Toxicity in Rats via Modulating 4 BMP, MMP2, miRNA-21 and miRNA-23a Genes Expression. Molecules 2023, 28(16),6168

Training and Attendance of conferences :

Attending the following conferences , scientific symposium and training courses

- 1st scientific conference of Faculty of Pharmacy, Cairo University March ,29th,2008
- Recent advances in biochemistry and molecular biology Ain Shams University 28-29 April,2009 and participating with an article entitled Telomerase activity and Fas expression in acute leukemic pediatric patients. Sylvia A.Boshra, Zeinab A.Hassan, Atef T. Fahim, Ibrahim M. Abdel Salam and Mohamed M.Elmazar
- Teaching methods course in April 2010
- Quality standards course in May 2010
- FUE international conference on pharmaceutical technologies February 6-9,2012 Cairo, Egypt and participating in the poster session with an article entitled Insulin like growth factor system in Egyptian children with acute lymphoblastic leukemia. Nadia Iskander Zakhary, Sylvia Azmy Boshra, Maha Mahmoud El-Sawalhi, Atef tadros Fahim, and Emad Nabil Ebeid
- Recent advances in biochemistry and molecular biology Ain Shams University 19-20 April,2012 and participating in the poster session with an article entitled Insulin like growth factor system in Egyptian children with acute lymphoblastic leukemia. Nadia Iskander Zakhary, Sylvia Azmy Boshra, Maha Mahmoud El-Sawalhi, Atef tadros Fahim, and Emad Nabil Ebeid
- 4th international scientific conference of Faculty of Pharmacy Cairo University entitled pharmacy education and community expectations on April 24th-25th ,2013
- 5th international scientific conference of Faculty of Pharmacy , Cairo University .Pharmacy at the cutting-edge : Facing Future Challenges on April 23th -24th , 2014 and participating in the poster session with an article entitled “antitumor and antioxidant activity of colchicine on ehrlich ascites carcinoma in female mice”. Mohamed A. Hussein and Sylvia A Boshra
- Training course on developing the skills and capabilities of faculty members and the supporting staff held from 6/4/2014 to 10/4/2014

- The 17th scientific congress of the association of pharmacy colleges in the arab world, new trends in drug discovery, development and pharmacy practice, organized by the Faculty of Pharmacy , Ain Shams University in cairo, (14-16th) October, 2014 and participating in the poster session with an article entitled “The protective role of colchicine on diclofenac sodium induced hepato-renal toxicity in albino rat model”. Sylvia A Boshra and Mohamed A. Hussein.
- Training workshop entitled your genome in your hands on January 14th and 15th ,2015
- A training course entitled "Introduction to Credit Hours and Academic Advising" on Saturday, February 28, 2015
- 6th International scientific conference of Faculty of Pharmacy ,Cairo University. 2020 vision of Pharmacy in Egypt on April 25th - 26th , 2015 and participating in the poster session with an article entitled” Antileukopenic and antioxidant effects of cranberry extract in benzene and fluorouracil induced leukopenia in rats “. Mohamed A. Hussein and Sylvia A Boshra
- The 13th National conference “Advances in biochemistry and molecular biology in diagnosis and treatment “held on 23-24 march 2016 at the Faculty of Pharmacy , October 6 University and participating with valuable efforts to success the conference
- Training course entitled Exams systems and students assessment methods during the period from 9/5/2016-10/5/2016
- Training course entitled Education programs and courses specifications and evaluation of learning outcomes for H.E. institutes from 27/9/2016-29/9/2016.
- Workshop on accreditation standards for higher education colleges and institutes July 3rd, 2015
- A workshop on the application of the educational process management system (schoology) 2017
- Workshop on Introduction to Quality in Education
- Workshop on National Academic Reference Standards (NARS)
- Workshop on the description of the Bachelor of Pharmacy program for the list of credit hours (2017)
- Workshop on the techniques of writing a course description (2017)

- **8th International scientific conference of Faculty of Pharmacy- Cairo university. Pharmacy in Egypt:Ensuring access to health on April 22nd,2017 and participating in the poster session with an article entitled "The protective effects of Glycyrrhizin and Mangiferin against brain toxicity in rats". Sylvia A.Boshra and Alaadin E.El-Haddad**
- **A university staff preparation course held on 2/18/2018 to 2/22/2018 for a period of five days, in cooperation with the Faculty of Education, Helwan University, in accordance with the academic cooperation agreement between the two universities**
- **Working shop on"Writing effective exam questions: learning domains and construction of valid and reliable exams. Optimize your questions and write an effective exam". It was held in 16/4/2018.**
- **Training course of Nature research Acadamies on Impressive Academic presentations on August 28th 2019.**
- **Training course of Nature research Acadamies on "Logical manuscript structure" on February 2021**
- **Training course of Nature research Acadamies on "Effective academic writing" on February 2021**
- **Training course of Nature research Acadamies on "Successful Pre-submission Strategies" on February 2021**
- **Training course of Nature research Acadamies on "Effective Postsubmission Publishing Strategies" on February 2021**
- **Training course of Nature research Acadamies on Communicating Science to the Public on May 2021**
- **Training course of Nature research Acadamies on Research Data for Publishing Success on May 2021**
- **Training course of Nature research Acadamies on Increasing Your Acceptance by Medline on May 2021**
- **Training course of Nature research Acadamies on Clinical Research Methodology on May 2021**
- **Fundamentals of Digital Transformation Certificate (FDTC), Modules: Word Processing, Presentations, and Mobile Applications, accredited by Center of Knowledge and e-Services, Supreme Council of Universities, July 2021**
- **Critical thinking, accredited by Faculty and Leadership Development Center (FLDC), Cairo university, held on 6 and 7 October 2021.**

- Working shop entitled “Applications on molecular docking in drug design and development” held on 3/10/2021
- Training course on academic advising held on 11/24/2021 in cooperation with the Faculty of Education, October 6 University
- Preparing of a university staff member, accredited by Training and Continuing Center, October 6 University, held from 14/12/2021 to 16/12/2021
- Essentials of integrated education, accredited by Faculty and Leadership Development Center (FLDC), Cairo university, held on 12 and 13 February 2022
- International publishing of scientific research, accredited by Faculty and Leadership Development Center (FLDC), Cairo university, held on 18 and 19 may 2022
- Exams and students’ evaluation systems, accredited by Faculty and Leadership Development Center (FLDC), Cairo university, held on 28 and 29 may 2022
- Modern trends in teaching, accredited by Training and Continuing Education Center, October 6 University, held on July 2022 for 2 days
- Effective teaching skills accredited by Training and Continuing Education Center, October 6 University, held on September 2022 for 2 days
- Jove workshop “Accelerate your science research and education through Jove” presented on 11/10/2022
- 2nd international conference and exhibition on pharmaceutical and healthcare sciences held on 23-24 November 2022 in Hilton Alexandria Green Plaza. [The conference is equivalent to 10 CME credit hours](#)
- The scientific conference of Faculty of Pharmacy October 6 University entitled “The challenges of scientific research and the national drug industry” organized by the Faculty on Tuesday, 6th of December, 2022
- Beyond Sciences Initiative 8th International Remote Conference: Science and Society held on 25-26 February 2023
- The 11th Annual Ain Shams University international conference held on 10th-11th May 2023

- **Biochemical effects of zoledronic acid on experimental hypervitaminosis D.** A thesis submitted to Faculty of veterinary medicine, Benha University for the Ph.D Degree in veterinary medical sciences (Biochemistry and Clinical biochemistry) by Anwar Kassem Rashad Kassem under supervision of Dr Hussein Abdel Maksoud Professor of Biochemistry Faculty of Vet. Medicine Banha University and Dr Mohamed A Hussein Professor of Biochemistry Faculty of Medical science October 6 university
- **Molecular and biochemical effects of Resveratrol against benzo α pyrene-induced lung toxicity in rats.** A thesis submitted to Genetic Engineering and Biotechnology Research Institute, Sadat City university for the Master degree in Genetic Engineering and Molecular Biology by Aya Mohamed Abd Elhamid Elsheik under supervision of Prof. Dr. Mohamed Abdalla Hussein Professor of Biochemistry and Vice Dean for postgraduate studies and Scientific research, Faculty of Applied medical sciences ,October 6 University ; Dr Aysam M.Fayed Associate Professor of Molecular Biology ,Genetic Engineering and Biotechnology Institute ,University of Sadat city; Dr Tamer Mohamed Roshdy Associate Professor of Molecular Biology ,Genetic Engineering and Biotechnology Institute ,University of Sadat city

- **Effect of Cranberry Extract and Caffeic Acid Phenylethylester in Paracetamol Induced Hepatotoxicity in Rats”** submitted For Master Degree In Biochemistry by Hanaa Hani Abdelrahman El-Saniawy B.Sc. Pharmacy, October 6 University under Supervision of Prof. Noha Mostafa Mesbah Professor of Biochemistry, Faculty of Pharmacy Suez Canal University, Assoc. Prof Sylvia Azmy Boshra Associate Professor of Biochemistry, Faculty of Pharmacy October 6 University and Dr. Alaa Samir Mohamed Wahba Lecturer of Biochemistry, Faculty of Pharmacy, Suez Canal University
- **“Study the effect of lead toxicity on glucose metabolism in rats”** submitted for Doctorate Degree in Pharmaceutical Sciences (Biochemistry) by Seham Mohammed Abo Zied Abdel Razek Assistant lecturer of Biochemistry Faculty of Pharmacy October 6 University under Supervision of Asso.prof.Dr. Mohammed Omar Mahmoud Associate professor and head of Biochemistry department Faculty of Pharmacy Beni-Suef University, Assoc.prof.Dr.Sylvia Azmy Boshra Associate professor Biochemistry and acting head of Biochemistry department Faculty of Pharmacy October 6 University, Dr. Safaa Bakry Gomah Lecturer of Biochemistry Faculty of Pharmacy Beni-Suef University
- **“The effect of dapagliflozin on doxorubicin-induced cognitive impairment in rats”** submitted for masterDegree in Pharmaceutical Sciences (Biochemistry) Presented by Gheada Farouk Abd-elhafez Bachelor's degree in Pharmaceutical science (2021) Teaching Assistant (Demonstrator) of Biochemistry Faculty of Pharmacy, October 6 University under supervision of Assoc. Prof. Sara Mostafa Abdel Salam Radwan Associate Professor of Biochemistry Biochemistry Department Faculty of Pharmacy, Ain Shams University, Assoc. Prof. Sylvia Azmy Boshra Ywakim Associate Professor of Biochemistry Acting Head of Biochemistry Department Faculty of Pharmacy, October 6 University

- 1- AAPS Pharmscitech (ISSN: 1530-9932)
- 2- Pharmaceutical biology (ISSN: 1744-5116)
- 3-Molecules (ISSN: 1420-3049)
- 4-Cells (ISSN: 2073-4409)
- 5- Life(ISSN: 2075-1729)
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- 7-International journal of molecular sciences (ISSN:1422-0067)
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- 10-Applied Sciences(ISSN:2076-3417)
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عميد كلية الصيدلة

أ.د/محمد رفعت الغباشي