

Ahmad Salahuddin (B.Pharm., M.Sc., Ph.D.)
Professor of Biochemistry and Molecular Biology.
Faculty of Pharmacy, Damanhour University, Egypt.
College of Pharmacy, Alayen Iraq University, Iraq



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| Education | <p>Doctor of Philosophy in Pharmaceutical Sciences -Biochemistry (Ph.D.) Al-Azhar University, Cairo, Egypt 2011 My dissertation being entitled: <i>“Biochemical Markers in Spontaneous Bacterial Peritonitis”</i></p> <p>Master of Pharmaceutical Sciences – Biochemistry (M. Sc.) Al-Azhar University, Cairo, Egypt 2007 My dissertation being entitled: <i>“Serum Beta Endorphin Level and Some Lipid Parametrs in Acute and/or Chronic Gastric and Duodenal Ulced Patients”</i></p> <p>Bachelor of Pharmaceutical Sciences (B.Pharm.) Very good with the degree of honor Al-Azhar University, Cairo, Egypt 2004</p> |
| Professional Career Experience | <p>Jun. 2014- present Damanhour University, Damanhour, El-Behera, Egypt Faculty of Pharmacy Biochemistry department Professor (Nov. 2022 – present) Associate Professor (Nov. 2017 – Nov. 2022) Lecturer (Jun. 2014 – Nov. 2017) Vice dean for Education and Student Affairs (Dec. 2019 – Sep. 2022) Excutive Manager of Pharmaceutical Analysis Lab (2017 – Sep. 2022)</p> <p>I’m involved in several administrative, academic, and cultural activities, include:</p> <ul style="list-style-type: none"> ▪ Students Communication and Activities Co-ordinator (2014-2018) ▪ Students Advising Co-ordinator (2014-2018). ▪ Student union consultant (2015/2016 – 2016/2017). ▪ Academic advisor for “EPSF-Damanhour” (2014 – 2016) ▪ Academic advisor for “Students for Egypt” (2017 – present) ▪ Excutive & Higher commitees of Clinical Pharmacy Program (2014 – present) <p>Teaching and co-ordinate in the delivery of academic education courses for undergraduates, the courses include:</p> <ul style="list-style-type: none"> ▪ Cell Biology ▪ Biochemistry I. ▪ Biochemistry II. ▪ Clinical Biochemistry & Molecular Biology. |

- Clinical Nutrition.
- Teaching and co-ordinate in the delivery of academic education courses for Biochemistry Diploma and Clinical Pharmacy Diploma, the courses include:
- Basic Biochemistry
 - Biochemical methods and techniques.
 - Blood Biochemistry and Diseases.
 - Advanced Molecular Biology.
 - Advanced Clinical Biochemistry.
 - Clinical Nutrition.
 - Clinical Lab Investigation.
 - Scientific writing.

Teaching and co-ordinate in the delivery of academic education courses for postgraduates (M.Sc. & Ph.D.) and supervision of their thesis.

In addition, I participate in weekly meeting carried out in faculty of pharmacy – Cairo university for updating and modification of the curriculum of clinical pharmacy program during Spring 2017.

March 2017- Present

Al-Ayen University, Nasiriyah, Dhi Qar, Iraq

Vice Dean

Professor of Biochemistry and Molecular Biology

Sep. 2015 – Nov. 2015

PostDoc in Russia

Institute of Bioorganic Chemistry, Russian Academy of Sciences

My work was concerned on enzyme immobilization on different types of nanoparticles, and determination of DNA and bacterial membranes surface structure by atomic force microscopy.

Moscow State Academy of Veterinary Medicine and Biotechnology

My work was concerned on the activity changes of enzymes immobilized on polymer nanoparticles, in addition to participation in teaching courses in clinical biochemistry to Ph.D. students

Oct. 2008- Jun. 2014

October University For Modern Sciences & Arts (MSA), Giza, Egypt

Faculty of Pharmacy

Biochemistry department

Lecturer (Sep. 2011- Jun. 2014)

Assistant Lecturer (Oct. 2008 - Aug. 2011)

Technical manager of bioequivalence center (Jan. 2014- Jun. 2014)

Teaching and assisting in the delivery of academic education courses for undergraduates, the courses include:

- Biochemistry I.
- Biochemistry II.
- Clinical Biochemistry & Molecular Biology.

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| | <ul style="list-style-type: none"> ▪ Applied Clinical Analysis. ▪ Pharmaceutical legislations. ▪ Research Methodology. ▪ Graduation Project. <p>In addition, I was involved in several administrative, academic, and cultural activities in the University, include:</p> <ul style="list-style-type: none"> ▪ Student union committee ▪ Registration committee. <p>Sep. 2004 - Oct. 2008 Sigma Pharmaceutical Industries, Egypt Scientific Office</p> <p>May 2005-Jun. 2006 Dikirnis General Hospital, Dikirnis, Dakahlia, Egypt Out-Patient Pharmacy Manager</p> |
| <i>Training courses and workshops</i> | <ul style="list-style-type: none"> ▪ Credit hour system. ▪ Proposal of competition initiatives for research funding. ▪ International academic publication. ▪ Decision-making and problem-solving. ▪ Quality standards in the process of learning. ▪ International data base usage. ▪ Research methods. ▪ Legal and financial aspects in University environment. ▪ Designing and developing the digital content. ▪ Quality standards in teaching. ▪ Research ethics. ▪ Communication skills. ▪ Executive steps for designing course maps. ▪ Teaching & learning strategies. ▪ Faculty plan for accreditation. ▪ e.Learning. ▪ Methods of evaluating students. ▪ Security & safety standards in laboratories. ▪ Preparation of MSDS files. ▪ Time Management. ▪ Presentation skills. ▪ Self-Assessment & Orientation. ▪ Negotiation & Problem Solving. ▪ Situational Leadership. ▪ Emotional Intelligence. ▪ Business Logic and Tactical Plan Operation. ▪ Basic Selling Skills. ▪ Advanced Selling Skills. <p>Computer Skills</p> <ul style="list-style-type: none"> ▪ ICDL ▪ Efficiency in using ChemBioOffice 2008. ▪ Efficiency in using INSTAT, SPSS, Prism 5. |

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| Personal Data | Date of Birth June 14 th , 1981 Address Egypt, Damnhour, El-Gomhoria street, Faculty of Pharmacy – Damanhour University, Dr. Ahmad Salahuddin |
| publications | Published papers: <ul style="list-style-type: none"> • El Shafey M, Ali M, and Salahuddin A (2008). "Comparative study of β-endorphin serum level and lipid profile in gastric and duodenal ulcer patients." <i>Az J Pharm Sci</i>, 38: 28-35. • Salman TM, Ali MA, Omran GA, Abdalla GM, and Salahuddin A (2011). "Biochemical markers in spontaneous bacterial peritonitis." <i>Egypt. J. Biomed. Sci.</i>, 37, 17. • El-Naa MM, and Salahuddin A (2014). "Protective effect of thymoquinone against ethinylestradiol and chlorpromazine-induced intrahepatic cholestasis in rats." <i>Egypt. J. Biomed. Sci.</i>, 45, 161. • Savina AA, Salahuddin A, and Zaitsev SY (2015). "Changes in the activity of lipase from porcine pancreas in combination with polystyrene microsphere of different diameters." <i>Ветеринария, зоотехния и биотехнология</i>, 2015(12), 63-67. • Katary M, and Salahuddin A (2017). "Ameliorative effect of gossypin against gentamicin-induced nephrotoxicity in rats." <i>Life sciences</i> (2017). • Salahuddin A, and Katary M (2017) "Effects of Grape Seed Proanthocyanidin Extract in Attenuating Diabetic Complications in Streptozotocin-Induced Diabetic Rats." <i>J Appl Pharm</i> 9.239: 2. • El-Baky AE, Salahuddin A, and Katary M. (2017) "NRAMPI (SLC11A1) Gene-1703 G/A Polymorphisms as Prognostic and Diagnostic Marker of Rheumatoid Arthritis in Egyptian Population." <i>Journal of allergy and therapy</i> 8.1. • Kassem AB, Salem ES, Abdelrahim ME, Said AS, Salahuddin A, Hussein MM and Bahnassy AA (2017) "ERCC1 and ERCC2 as Predictive Biomarkers to Oxaliplatin-Based Chemotherapy in Colorectal Cancer Patients from Egypt." <i>Experimental and Molecular Pathology</i> 102.1: 78-85. • Katary M, and Salahuddin A (2017). "Gastroprotective Effect of Punicalagin against Ethanol-Induced Gastric Ulcer: The Possible Underlying Mechanisms." <i>Biomarkers Journal</i>, 3(1). • Katary MA, Salahuddin A (2017) Gastroprotective Effect of Vanillin on Indomethacin-Induced Gastric Ulcer in Rats: Protective Pathways and Anti-Secretory Mechanism." <i>Clin Exp Pharmacol</i> 7: 232 • Kassem A, Hassab H, Ahmed I, Ali AAH, Salahuddin A, Abdelrahim ME, Eldenshary EE (2017). "Antibiotics regimen to treat febrile neutropenia in acute leukemia". <i>Eur J Clin Pharm</i>; 19(6): 379-86. • Sayed O, Eldesoky N, Salahuddin A. and Eisa N (2018). Atorvastatin ameliorates cisplatin induced oxidative stress in ehrlich ascites solid tumor-bearing mice: a prospective case control study. <i>Al-Azhar Medical Journal</i>, 47(1), pp.97-107. • Zakariaa S, Helmy MW, Salahuddin A, Omran G (2018). "Chemopreventive and antitumor effects of benzyl isothiocynate on HCC models: A possible role of HGF /pAkt/ STAT3 axis and VEGF" <i>Biomedicine & Pharmacotherapy</i>; 108: 65–75 |

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| | <ul style="list-style-type: none"> Shari FH, Almiahi A, Abduljabbar AS, Salahuddin A, Al-Salman HN (2019). Optimization of a micro-high-performance liquid chromatography method for determination of metronidazole benzoate in their standard powder and in dosage pharmaceuticals. <i>International Journal of Green Pharmacy</i>, 13(1). Shari FH, Dawood H, Hassan JK, ALJazeari QA, Najm MA, Salahuddin A, Al-Salman HN (2019). To study the effect of taurine on the effects of vital bones and regulate the level of glucose in type II diabetes. <i>International Journal of Research in Pharmaceutical Sciences.</i>;10(3):2545-51. <p>Conferences:</p> <ul style="list-style-type: none"> The second international conference for application of biotechnology, October 17-18, 2009, MSA University, Giza, Egypt. 8th international congress of Egyptian society of pediatric hematology and oncology, March 25-26, 2010, Alexandria, Egypt. Conference of Egyptian neonatal network on "Update in neonatal and pediatric care" August 7, 2014, Mansoura, Egypt. XLV international conference on "Physics of Charged Particle Interaction with Crystal", May 26-28, 2015, Lomonosov Moscow State University, Moscow, Russia, and present a poster entitled "Variation of hematological parameters in rats exposed to electromagnetic radiation" VI international conference on "Actual Problems of biology in animal husbandry", September 15-17, 2015, All-Russian Research Institute of Physiology, Biochemistry and Nutrition of Farm Animals, Russian Academy of Agricultural Sciences, Borovsk, Kaluga Province, Russia. 13th national conference of national committee for biochemistry and molecular biology on "advances in biochemistry and molecular biology in diagnosis and treatment", March 23-24, 2016, October 6 University, Giza, Egypt, and delivered an oral presentation entitled "evaluating the hypoglycemic, antioxidant, anti-inflammatory, hepatoprotective and renoprotective effects of aqueous extract of <i>Coriandrum sativum</i> in diabetes – an experimental study. 1st Arab International Pharmacy Conference on "Pharmacy Vision 2030 - Education, Profession and Pharmaco-Regulations", March 30 – April 1, 2017, Cairo, Egypt, and present a poster entitled "Biochemical effects of atorvastatin on cisplatin-treated Ehrlich solid tumor-bearing mice". 1st scientific day – College of Pharmacy, Al-Ayen University, Iraq, May 15, 2018., and present a presentation entitled "HCV – a recent updates". 1st International Scientific Conference of Al-Ayen University (ISCAU). March 30-31, 2019, Al-Ayen University, Thi Qar, Iraq. I was a member of organizing committee and scientific committee and delivered an oral presentation entitled "HCC, Biochemical pathways". |
| Links | <p>Google scholar: https://scholar.google.com/citations?hl=en&user=e59m8BwAAAAJ ORCHID ID: https://orcid.org/0000-0002-7382-4284 WOS Researcher ID: C-4223-2016 Scopus Author ID: 57192933658 ResearchGate: https://www.researchgate.net/profile/Ahmad_Salahuddin3 Mendeley: https://www.mendeley.com/profiles/ahmad-salahuddin7/</p> |