

**Ahmad Salahuddin (B.Pharm., M.Sc., Ph.D.)**  
**Associate Professor of Biochemistry and Molecular Biology.**  
**Vice dean for Education and Student Affairs.**  
**Faculty of Pharmacy,**  
**Damanhour University.**  
**Egypt.**



<p><i>Education</i></p>	<p><b>Doctor of Philosophy in Pharmaceutical Sciences -Biochemistry (Ph.D.)</b>          Al-Azhar University, Cairo, Egypt          2011</p> <p><b>Master of Pharmaceutical Sciences – Biochemistry (M. Sc.)</b>          Al-Azhar University, Cairo, Egypt          2007</p> <p><b>Bachelor of Pharmaceutical Sciences (B.Pharm.)</b>          Very good with the degree of honor          Al-Azhar University, Cairo, Egypt          2004</p>
<p><i>Professional Career Experience</i></p>	<p><b>Jun. 2014- present</b>  <b>Damanhour University, Damanhour, El-Behera, Egypt</b>  <b>Faculty of Pharmacy</b>  <b>Biochemistry department</b>  <b>Associate Professor (Nov. 2017 - present)</b>  <b>Lecturer (Jun. 2014 – Nov. 2017)</b>  <b>Vice dean for Education and Student Affairs (Dec. 2019 – present)</b>  <b>Excutive Manager of Pharmaceutical Analysis Lab (2017 – present)</b></p> <p>I'm involved in several administrative, academic, and cultural activities, include:</p> <ul style="list-style-type: none"> <li>▪ Students Communication and Activities Co-ordinator (2014-2018)</li> <li>▪ Students Advising Co-ordinator (2014-2018).</li> <li>▪ Student union consultant (2015/2016 – 2016/2017).</li> <li>▪ Academic advisor for “EPSF-Damanhour” (2014 – 2016)</li> <li>▪ Academic advisor for “Students for Egypt” (2017 – present)</li> <li>▪ Excutive &amp; Higher commitees of Clinical Pharmacy Program (2014 – present)</li> </ul> <p>Teaching and co-ordinate in the delivery of academic education courses for undergraduates, the courses include:</p> <ul style="list-style-type: none"> <li>▪ Cell Biology</li> <li>▪ Biochemistry I.</li> <li>▪ Biochemistry II.</li> <li>▪ Clinical Biochemistry &amp; Molecular Biology.</li> <li>▪ Clinical Nutrition.</li> </ul> <p>Teaching and co-ordinate in the delivery of academic education courses for Biochemistry Diploma and Clinical Pharmacy Diploma, the courses include:</p> <ul style="list-style-type: none"> <li>▪ Basic Biochemistry</li> <li>▪ Biochemical methods and techniques.</li> <li>▪ Blood Biochemistry and Diseases.</li> <li>▪ Advanced Molecular Biology.</li> </ul>

- 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- November 2019**  
**Al-Ayen University, Nasiriyah, Dhi Qar, Iraq**  
**Faculty of Pharmacy**  
**Vice Dean**  
**Associate Professor of Biochemistry**

**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.
- Applied Clinical Analysis.
- Pharmaceutical legislations.
- Research Methodology.
- Graduation Project.

In addition, I was involved in several administrative, academic, and cultural

	<p>activities in the University, include:</p> <ul style="list-style-type: none"> <li>▪ Student union committee</li> <li>▪ Registration committee.</li> </ul> <p><b>Sep. 2004 - Oct. 2008</b>  <b>Sigma Pharmaceutical Industries, Egypt</b>  <b>Scientific Office</b></p> <p><b>May 2005-Jun. 2006</b>  <b>Dikirnis General Hospital, Dikirnis, Dakahlia, Egypt</b>  <b>Out-Patient Pharmacy Manager</b></p>
<p><b><i>Training courses and workshops</i></b></p>	<ul style="list-style-type: none"> <li>▪ Credit hour system.</li> <li>▪ Proposal of competition initiatives for research funding.</li> <li>▪ International academic publication.</li> <li>▪ Decision-making and problem-solving.</li> <li>▪ Quality standards in the process of learning.</li> <li>▪ International data base usage.</li> <li>▪ Research methods.</li> <li>▪ Legal and financial aspects in University environment.</li> <li>▪ Designing and developing the digital content.</li> <li>▪ Quality standards in teaching.</li> <li>▪ Research ethics.</li> <li>▪ Communication skills.</li> <li>▪ Executive steps for designing course maps.</li> <li>▪ Teaching &amp; learning strategies.</li> <li>▪ Faculty plan for accreditation.</li> <li>▪ e.Learning.</li> <li>▪ Methods of evaluating students.</li> <li>▪ Security &amp; safety standards in laboratories.</li> <li>▪ Preparation of MSDS files.</li> <li>▪ Time Management.</li> <li>▪ Presentation skills.</li> <li>▪ Self-Assessment &amp; Orientation.</li> <li>▪ Negotiation &amp; Problem Solving.</li> <li>▪ Situational Leadership.</li> <li>▪ Emotional Intelligence.</li> <li>▪ Business Logic and Tactical Plan Operation.</li> <li>▪ Basic Selling Skills.</li> <li>▪ Advanced Selling Skills.</li> </ul> <p><b>Computer Skills</b></p> <ul style="list-style-type: none"> <li>▪ ICDL</li> <li>▪ Efficiency in using ChemBioOffice 2008.</li> <li>▪ Efficiency in using INSTAT, SPSS, Prism 5.</li> </ul>
<p><b><i>Personal Data</i></b></p>	<p><b>Date of Birth</b>      June 14<sup>th</sup>, 1981</p> <p><b>Address</b>              Egypt,  Damnhour,  El-Gomhoria street,  Faculty of Pharmacy – Damanhour University,  Dr. Ahmad Salahuddin</p>

**publications****Published papers:**

- El Shafey M, Ali M, and **Salahuddin A** (2008). "Comparative study of  $\beta$ -endorphin serum level and lipid profile in gastric and duodenal ulcer patients." *Az J Pharm Sci*, 38: 28-35.
- Salman TM, Ali MA, Omran GA, Abdalla GM, and **Salahuddin A** (2011). "Biochemical markers in spontaneous bacterial peritonitis." *Egypt. J. Biomed. Sci.*, 37, 17.
- El-Naa MM, and **Salahuddin A** (2014). "Protective effect of thymoquinone against ethinylestradiol and chlorpromazine-induced intrahepatic cholestasis in rats." *Egypt. J. Biomed. Sci.*, 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." *Ветеринария, зоотехния и биотехнология*, 2015(12), 63-67.
- Katary M, and **Salahuddin A** (2017). "Ameliorative effect of gossypin against gentamicin-induced nephrotoxicity in rats." *Life sciences* (2017).
- **Salahuddin A**, and Katary M (2017) "Effects of Grape Seed Proanthocyanidin Extract in Attenuating Diabetic Complications in Streptozotocin-Induced Diabetic Rats." *J Appl Pharm* 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." *Journal of allergy and therapy* 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." *Experimental and Molecular Pathology* 102.1: 78-85.
- Katary M, and **Salahuddin A** (2017). "Gastroprotective Effect of Punicalagin against Ethanol-Induced Gastric Ulcer: The Possible Underlying Mechanisms." *Biomarkers Journal*, 3(1).
- Katary MA, **Salahuddin A** (2017) Gastroprotective Effect of Vanillin on Indomethacin-Induced Gastric Ulcer in Rats: Protective Pathways and Anti-Secretory Mechanism." *Clin Exp Pharmacol* 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". *Eur J Clin Pharm*; 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. *Al-Azhar Medical Journal*, 47(1), pp.97-107.
- Zakariaa S, Helmy MW, **Salahuddin A**, Omran G (2018). "Chemopreventive and antitumor effects of benzyl isothiocyanate on HCC models: A possible role of HGF /pAkt/ STAT3 axis and VEGF" *Biomedicine & Pharmacotherapy*; 108: 65–75
- 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. *International Journal of Green Pharmacy*, 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. *International Journal of Research in Pharmaceutical Sciences.*;10(3):2545-51.

#### Conferences:

- The second international conference for application of biotechnology, October 17-18, 2009, MSA University, Giza, Egypt.
- 8<sup>th</sup> 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.
- 13<sup>th</sup> 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 *Coriandrum sativum* in diabetes – an experimental study.
- 1<sup>st</sup> 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".
- 1<sup>st</sup> scientific day – College of Pharmacy, Al-Ayen University, Iraq, May 15, 2018., and present a presentation entitled "HCV – a recent updates".
- 1<sup>st</sup> 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**

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](https://orcid.org/0000-0002-7382-4284)  
 Scopus Author ID: [57192933658](https://orcid.org/0000-0002-7382-4284)  
 ResearchGate: [https://www.researchgate.net/profile/Ahmad\\_Salahuddin3](https://www.researchgate.net/profile/Ahmad_Salahuddin3)  
 Mendeley: <https://www.mendeley.com/profiles/ahmad-salahuddin7/>