

Curriculum Vitae



- **Name:** Hesham Aly Salem Aly
- **Title:** Dean of Faculty of Pharmacy, Arish Branch, Sinai University
- **Department:** Pharmacology & Toxicology Department
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A) Academic Qualifications:

- Bachelor's Degree in Pharmaceutical Sciences, Faculty of Pharmacy University: Cairo University
Year: 1992.
- Masters Degree in Pharmaceutical Sciences (Pharmacology & Toxicology) University: Cairo University
Year: 1998.
- Ph.D in Pharmaceutical Sciences (Pharmacology & Toxicology) University: Cairo University
Year: 2003

B) Academic promotions: <https://sites.google.com/a/pharma.cu.edu.eg/heshamsalem>

- Demonstrator, Date: 9/1/1993 to 28/9/1998.
- Assistant Lecturer, Date: 29/9/1998 to 24/4/2004.
- Lecturer, Date: 25/4/2004 to 28/9/2009.
- Assistant Professor, Date: 29/9/2009 to 26/10/2015.
- Professor Date: since 27/10/2015.

C) Scientific Merit:

- Google Scholar: <https://scholar.google.com.eg/citations?user=o2zorlAAAAJ&hl=en>
- Scopes ID: **35171174500**
- Citations: **567** h-index: **12** i10-index: **14**
- Orcid –N: **0000-0002-1222-4947**

D) Academic Administrative Experiences:

1. **Director** of Computer Center, Faculty of Pharmacy, Cairo University from 1/11/2009 till 31/10/2013
2. **Managing editor** of Bulletin of Faculty of Pharmacy – Cairo University (BFOPCU), from 10/12/2009 till 31/7/2014
3. **Acting vice dean** for educational and students affairs, Faculty of Pharmacy, Beni-Swief University, for the academic year 2010/2011
4. **Head of the department** of clinical pharmacy, Faculty of Pharmacy, Beni-Swief University, for the academic year 2010/2011
5. **Vice dean** for the community service and environmental affairs, Faculty of Pharmacy, Cairo University from 22/6/2016 till 31/7/2017.
6. **Vice dean** for the postgraduate studies and research affairs, Faculty of Pharmacy, Cairo University from 1/8/2017 till 13/6/2018.
7. **Acting dean** of the Faculty of Pharmacy, Cairo University from 14/6/2018 till 31/12/2019.
8. **Vice president** for the community service and environmental affairs, Heliopolis University for Sustainable development since, 1/11/2020 till 31/8/2021.
9. **Dean** of the Faculty of Pharmacy, Sinai University (Arish branch) from 15/09/2022 till now

E) Scientific Activities

1: Membership of Professional Organizations and Scientific Societies

1. Membership and affiliation with various scientific and administrative committees in the Faculty of Pharmacy, Cairo University.
2. Member of the Core Committee of the General Scientific Council of the Arab Pharmacist Board, since 2018.
3. Member of the Permanent Scientific Committee for the promotion of professors and assistant professors in the general division of Pharmacology of the National Organization for Drug Control and Research (NODCAR) since 2019 until now.
4. Member of the Examination Committee for the scientific production presented for the State Incentive Award in Medical sciences for the year 2021.

2: Training Courses/workshops:

Attending a lot of training courses, seminars, webinars, conferences and workshops.

3: Conferences, Seminars and Workshops:

1. Participation in the preparation and organization of the 29th International Conference of Pharmaceutical Sciences, and the 8th Conference of Scientific Association of Colleges of Pharmacy in the Arab World, that was held in Cairo in 21-23/12/2004
2. Participation in the preparation and organization of the 2nd, 3rd, 4th, 5th and 9th International Scientific Conference of Faculty of Pharmacy Cairo University.

4: Teaching Scopes:

1. Teaching undergraduate & postgraduate department courses in the Faculty of Pharmacy, Cairo University since 2004.
2. Teaching undergraduate clinical pharmacy & pharmacology courses in the Faculty of Pharmacy, Misr International University (MIU); 2003/2004, 2005/2006.
3. Teaching undergraduate pharmacology, pharmacotherapeutics & toxicology courses in the Faculty of Pharmacy, German University in Cairo (GUC), 2008/2009 – 2009/2010 – 2011/2012, 2013/2014.
4. Teaching postgraduate advanced pharmacology course in the Faculty of Pharmacy, British University in Egypt (BUE), 2021/2022.

5: Scientific supervision number: 20

6: Awards and Certificates of Appreciation:

1. Certificate of appreciation from Cairo University for supervising a master thesis of Lamia Ahmed Attia entitled: "*Pharmacological Study of the Possible Cardioprotective Effects of Certain Agents in Ischemia/Reperfusion Injury in Rats*" that was awarded for the best Master's thesis at the Faculty of Pharmacy for the academic year 2008/2009.
2. Certificate of appreciation from Cairo University for supervising Dr. Lamia Ahmed Attia's PhD thesis entitled: "*Effect of Different Preconditioning Therapies in Myocardial Ischemia/Reperfusion Injury in Rats*" that was awarded for the best doctoral thesis at the Faculty of Pharmacy for the academic year 2010/2011.
3. Certificate of appreciation from the Faculty of Pharmacy, Cairo University for the outstanding effort to raise the level of performance in the faculty during the academic years 2010/2011, 2011/2012.
4. Certificate of appreciation from the Faculty of Pharmacy, Cairo University (within the activities of the 8th International Scientific Conference of the Faculty, which was held in Cairo on 22/4/2017) to obtain the best scientific research published internationally in 2016 for the department of pharmacology and toxicology.



5. Certificate of appreciation from Dar Al-Hilal on the occasion of its celebration of the golden jubilee of "Tabibak El-Khas" magazine (the first medical journal in the Arab world) on 23/3/2019.
6. Honorary shield of Cairo University Council for the period of acting dean of the Faculty of Pharmacy - Cairo University.

7: Peer reviewing of scientific research/ Proects:

Arbitration for scientific journals, conferences and thesis.

8: Scientific Mission:

1. Contribution as editor in "**Pharmacology III: Theoretical & Practical Notes**"; Deposit No.: (17836/2008)
2. Editor of "**Medical Terminology**"; Deposit No.: (9874/2009)
3. Contribution as editor in "**Pharmacology II: Theoretical & Practical Booklet**"; Deposit No.: (13258/2010), ISSN (978-977-403-423-5)
4. Editor of "**Interactive Computer Simulated Practical Pharmacology – User guide booklet**" Deposit No.: (16617/2013), ISBN (978-977-90-0916-2)
5. Contribution as editor in "**Medical Terminology Lecture Notes for First Year Pharmacy Students**" Deposit No.: (4581/2016).

9: patency:

Certificate of deposit and registration of computer software "**ICSPP; Interactive Computer Simulated Practical Pharmacology**" Deposit/Registration Number: 002177 dated 29/10/2013 (Intellectual Property Rights Protection Office - Information Technology Industry Authority). The program is practically applied for pharmacology-1 and pharmacology-2 courses for undergraduate students in the Faculty of Pharmacy, Cairo University. The program is also applied to simulate some practical experiences for postgraduate students (diploma) at the Faculty.

F) Scientific Publications:

-International journals

1. Ahmed, L.A., Salem, H.A., Attia, A.S. & El-Sayed, M.E. (2009). Enhancement of amlodipine cardioprotection by quercetin in ischaemia/reperfusion injury in rats. *Journal of Pharmacy and Pharmacology*, 61: 1233-1241.
2. Ahmed, L.A., Salem, H.A., Attia, A.S. & Agha, A.M. (2011). SHA 059. Comparative study of the cardioprotective effects of local and remote preconditioning in ischemia/reperfusion injury. *Journal of the Saudi Heart Association*, 23: 187.

3. Ahmed, L.A., Salem, H.A., Attia, A.S. & Agha, A.M. (2011). Effects of different preconditioning therapies on arrhythmias and aortic blood flow in an in vivo rat model of ischaemia/reperfusion injury. *Heart*, 97:1 e3
4. Ahmed, L.A., Salem, H.A., Attia, A.S. & Agha, A.M. (2011). Pharmacological preconditioning with nicorandil and pioglitazone attenuates myocardial ischemia/reperfusion injury in rats. *European Journal of Pharmacology*, 663: 51-58.
5. El-Denshary, E.S., Al-Gahazali, M.A., Mannaa, F.A., Salem, H.A., Hassan, N.S. & Abdel-Wahhab, M.A. (2012). Dietary honey and ginseng protect against carbon tetrachloride-induced hepatonephrotoxicity in rats. *Experimental and Toxicologic Pathology*, 64(7-8): 753-760.
6. Ahmed, L.A., Salem, H.A., Attia, A.S. & Agha, A.M. (2012). Comparative study of the cardioprotective effects of local and remote preconditioning in ischemia/reperfusion injury. *Life Sciences*, 90: 249-256.
7. Abdallah, H.M., Salem, H.A., Abdel Salam, O.M., Salama, S.H. & Kenawy, S.A. (2012). Can trimetazidine, vinpocetine or isosorbide dinitrate ameliorate cyclosporine-induced nephrotoxicity in rats? *Journal of Pakistan Medical Students*, 2: 32-39.
8. Ahmed, L.A., Salem, H.A., Mawsouf, M.N., Attia, A.S. & Agha, A.M. (2012). Cardioprotective effects of ozone oxidative preconditioning in an in vivo model of ischemia/reperfusion injury in rats. *Scandinavian Journal of Clinical and Laboratory Investigation*, 72(5): 345-354.
9. Sayed, R.H., Salem, H.A. & El-Sayeh, B.M. (2012). Potential protective effect of taurine against dibromoacetonitrile-induced neurotoxicity in rats. *Environmental Toxicology and Pharmacology*, 34: 849-857.
10. Salem, H.A. (2013). Interactive Computer Simulated Practical Pharmacology. *AWERProcedia Information Technology & Computer Science*, 4: 964-972.
11. Sayed, R.H., Khalil, W.K.B., Salem, H.A., Kenawy, S.A. & El-Sayeh, B.M. (2014). Sulforaphane increases the survival rate in rats with fulminant hepatic failure induced by D-galactosamine and lipopolysaccharide. *Nutrition Research*, 34: 982-989.
12. Abdelkader, N.F., Safar, M.M. & Salem, H.A. (2016). Ursodeoxycholic acid ameliorates apoptotic cascade in the rotenone model of Parkinson's disease: Modulation of mitochondrial perturbations. *Molecular neurobiology* 53 (2), 810-817.
13. Salem, H.A. & Al-Shorbagy, M.Y. (2017). Evaluation of the relaxant effect of levetiracetam on isolated rat duodenum. *Fundamental & clinical pharmacology* 31 (1), 75-82.
14. Salem, H.A. & Wadie, W. (2017). Effect of niacin on inflammation and angiogenesis in a murine model of ulcerative colitis. *Scientific reports* 7 (1), 7139.
15. Mohamed, Y.S., Ahmed, L.A., Salem, H.A. & Agha, A.M. (2018). Role of nitric oxide and KATP channel in the protective effect mediated by nicorandil in bile duct ligation-induced liver fibrosis in rats. *Biochemical pharmacology* 151, 135-142.

- National journals

1. El-Nahas, H.M., Mohamed, M.I., Balata, G.F., & Salem, H.A. (2005). Preparation and evaluation of aceclofenac-loaded solid lipid nanoparticles for topical use. *Bull. Fac. Pharm. Cairo Univ.*, 43(2):115-123.

2. Ragab, F.A., Hanna, M.M., Barsoum, F.F., Fahim, S.H., Ebeid, M.Y. & Salem, H.A. (2007). Synthesis and anti-inflammatory activity of novel pyrimido[1, 6-a] azonine and pyrimido[4',5' :4,5]pyrimido[1, 6-a]azonine derivatives. *Egypt. J. Chem.*, 50 (1): 53-66.
3. Ragab, F.A., Hanna, M.M., Barsoum, F.F., Fahim, S.H., Ebeid, M.Y. & Salem, H.A. (2007). Synthesis of some novel pyrido[3,2-e]pyrrolo[1,2-c]pyrimidine derivatives of expected anti-inflammatory activity. *Egypt. J. Chem.*, 50 (1): 105-116.
4. Zaki, H.F., Salem, H.A., El-Yamany, M.F. & Shaffie, N.M. (2007). Nephrotoxicity induced by long-term administration of paraquat in rats: protective effects of quercetin and extracts of malt and green tea. *New Egypt. J. Med.*, 37 (6 suppl.): 34-46.
5. Zaki, H.F. & Salem, H.A. (2008). Protective potential of deprenyl in paraquat-induced nephrotoxicity in rats. *J. Egypt. Soc. Toxicol.*, 38: 93-102.
6. Zaki, H.F., Salem, H.A., El-Yamany, M.F. & Shaffie, N.M. (2008). Effects of certain natural products in adjuvant-induced arthritis. *New Egypt. J. Med.*, 38 (4 suppl.): 7-20.
7. Salem, H.A, Zaki, H.F. & Bahgat, A.K. (2008). Can tomato and grape seed extracts modify the anti-inflammatory effect of diclofenac in acute inflammation? *New Egypt. J. Med.*, 38(6): 393-402.
8. Ahmed, L.A., Salem, H.A., Attia, A.S. & El-Sayed, M.E. (2008). Protective effects of amlodipine, coenzyme Q10 and their combination on myocardial ischemia/reperfusion injury in rats. *New Egypt. J. Med.*, 39 (1): 21-32.
9. Ahmed, L.A., Salem, H.A., Attia, A.S. & El-Sayed, M.E. Modification of the cardioprotective effect of amlodipine by quercetin in ischemia/reperfusion injury in rats. [Abstract in the XXXI conference of pharmaceutical sciences, Pharmaceutical Society of Egypt, December, 2008]
10. Salem, H.A. & Shaffie, N.M. (2008). Possible protective effects of vitamin E, α -lipoic acid and lycopene in mercuric chloride-induced nephrotoxicity and hepatotoxicity in rats. *J. Egypt. Soc. Toxicol.*, 39: 13-24.
11. Salem, H.A., El-Yamany, M.F., Abd-El-Salam, R.M. & Zaki, H.F. (2008). Antioxidant and antiinflammatory effects of n-hydroxyethylpiperazine-n-ethanesulfonate (HEPES) in adjuvant-induced arthritis. *MJPS*, 24 (2): 187-197.
12. El-Hamoly, T.A., Salem, H.A., El-Ghazaly, M.A. & El-Denshary, E.S. (2009). Attenuation of ischemia/reperfusion-induced ileal damage by vitamin E, tomato extract and turmeric (*Curcuma Longa*) in rats. *Sc. J. Az. Med. Fac. (Girls)*, 30 (1): 73-86.
13. Radwan, R.R., Shaban, E.A., Salem, H.A. & Kenawy, S.A. (2010). Low dose gamma irradiation modifies the effect of l-carnitine, curcumin, garlic powder and green tea extract on doxorubicin-induced nephropathy in rats. *The Egyptian Journal of Hospital Medicine*, 40: 350-364.

14. El-Denshary, E.S., Abdel-Wahhab, M.A., Mannaa, F.A., Salem, H.A., Hassan, N.S. & Al-Gahazali, M.A. (2010). PTH1. Protective effect of sidr honey and silymarin against CCl₄ induced hepatonephrotoxicity in rats.
15. [Abstract in the 13th Conference of Scientific Association of Colleges of Pharmacy in the Arab World, hosted by the College of Pharmacy and Pharmaceutical Manufacture, Misr University for Science and Technology, Egypt, May, 2010].
16. El-Ghazaly, M.A., El-Denshary, E.S., Salem, H.A., Saad, Sh.M., El-Hamoly, T.A. (2011). Role of Tomato Extract in Protection against Damage Caused by Mesenteric Ischemia/ Reperfusion Induced in gammairradiated Rats. *Egyptian Journal of Radiation Sciences and Applications*, 24(2); 285-295.
17. Zaki, H.F., Salem, H.A. & El-Yamany, M.F. (2011). Taurine: A promising agent of therapeutic potential in experimentally-induced arthritis. *The Egyptian Rheumatologist*, 33: 131-137.
18. Sayed, R.H., Salem, H.A., El-Sayeh, B.M. (2012). L-deprenyl protects against dibromoacetonitrile-induced neurotoxicity. *New Egypt. J. Med.*, 46 (1): 7-18.
19. Radwan, R.R., Shaban, E.A., Kenawy, S.A & Salem, H.A. (2012). Protection by low-dose γ radiation on doxorubicin-induced nephropathy in rats pretreated with curcumin, green tea, garlic or L-carnitine. *Bull. Fac. Pharm. Cairo Univ.*, 50(1): 133-140.
20. Mohamed, Y.S., Ahmed, L.A., Salem, H.A. & Agha, A.M. Role of nicorandil in bile-duct ligation-induced liver fibrosis in rats [Abstract in the 16th International Congress of the Egyptian Society of Hepatology, Gastroenterology & Infectious Diseases (ESHGID) in Alexandria, Egypt, August 20-22, 2014]

H) Skills

- Language Skills: Arabic (mother tongue) - English
- Computer Skills: Ms office programs
- Presentation skills: Excellent
- Other skills: Managerial skills