

Curriculum Vitae

Name *Ahmed Abu El-Ghait Ahmed Gohar*

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Birth date October 20, 1952

Education Bachelor of pharmaceutical science 1976, Mansoura university.

Occupation Professor of pharmacognosy, head of the Dept., Faculty of Pharmacy Mansoura University.

Education

* Bachelor of pharmaceutical science 1976, Mansoura university.

*Master Pharm. Sci. (**Pharmacognosy**) Mansoura Univ. 1982.

*Ph. D., **Pharmacognosy**, Institute of plant physiology, Academy of Science-USSR. 1988. (Regulation of Production of Secondary Metabolites in Tissue Culture of *Peganum harmala* L.).

Experience & Graduation

1- Demonstrator of Pharmacognosy, Mansoura University, 1978-1982.

2- Assistant lecturer of Pharmacognosy, Mansoura Univ. 1982-1984

3- Member of scholarship USSR, 1984-1988

4- Lecturer of pharmacognosy, Mansoura Univ., March, 1989-1991

5- Medical consultant, Vanguard Pharm. Diagnostic Co., Kingdom Saudi Arabia, 1992 – 1993

6- Research assistant, King Saud Univ., Faculty of Pharmacy, Pharmacognosy Dept., KSA. 1993 – 1997

7- Associate Prof.: Pharmacognosy Dept. Faculty of Pharmacy, Mansoura University, May 1997

8- Professor of Pharmacognosy, Dept. Faculty of Pharmacy, Mansoura University, November 2002

Thesis Supervision:

M. Sc. Thesis:

Amany Mokhtar: (Pharmacognostical study of some plants containing mucilages and iridoides growing in Egypt)., registr. Nov. 21, 1989; presented in March 25, 1996

Amal Fathi: Regulation of alkaloids production through plant tissue culture technique. **Registration Date:** Oct., 16, 2000.

Fatma Abd El-Rahman: Pharmacognostical study on *Taxodium disticum* (Rich.) family Toxodiaceae. **Registr.** Seb., 26, 1999; presented in July 28, 2003

Ahmed Awad Zaki: Pharmacognostical study of certain plants belonging to the family Lythraceae growing in Egypt. presented in march 2010

Walaa Mohamed Safwat: Pharmacognostical study on colistemon vernalis as antioxidant and molloscicide. Registration: seb., 14, 2008

Ghada Mahmud Ahmed Abbas: chemical study of phenolic anti-oxidents from *Morus nigra*. Register. 12. 4. 2010.

Iman Al-Attar: Chemical and Biological Exploitation of Valuable Compounds from Agro- Industrial Wastes . August12, 2012.

Sara Abuzaid: Chemical and Biological Studies of Therapeutic Proteins from Plants with Nutritional and Medicinal Values. Sebtember15, 2009.

Mohamed salah: Chemical and Biological Study on Some Plants of Potential Anti - Obesity Effect. April 12. 2012

Ph.D. Thesis:

Hany Nashaat:Phytochemical study of *Jagaranda mimosaeifolia*, **Registr.** March, 10, 2002; presented in Decmber 25, 2006.

Hadir Yahya Abd Al-Kader Darweish: Aug., 21, 2005

Seminar:

- 1- Potential difficulties in plant tissue culture studies (presented as Partial fulfillment of obtaining Associate Prof. degree).
- 2- Transformation of *In-vitro* cultures using virulent bacteria. Faculty of Pharmacy., Pharmacognosy Dept., first medical institute Moscow.

3- Hairy root cultures: A model for production of pharmaceuticals (presented as Partial fulfillment of obtaining Prof. degree).

4- Discovery of new antiulcer (peptic ulcer) agents by screening of some available natural resources, pharmacognosy Dept. fac. Pharm., Mans. Univ. Egypt

Projects:

- 1- Production of secondary plant metabolites from medicinal plants by application of *in-vitro*; cell, tissue and organ cultures, faculty of pharmacy, King Saud University., Riyadh., 1996-1997. (M. El-saied; M. M. El-Olemy; H. Elhag and **Ahmed Gohar**)
- 2- The effect of ghalakinoside and ghalokinoside related compounds (Pt₃ & Pt₄) on the cochlear and vestibular Androgens. College of medicine, king Abdul Aziz Univ. Hospital, E.N.T. Dept. king Soud Univ. Riyadh, 1996. (H. Mohammed; M. Hashash; and **Ahmed Gohar**)
- 3- Discovery of new antiulcer (peptic ulcer) agents by screening of some available natural resources (***Project director***)

Publications:

1. S. M. Khafagy, A. F. Halim and **A. Gohar**. Chemical study of *Cirsium syriacum*. *Fitoterapea*., **11**, P. 21, 1981.
2. A. F. Halim, S. M. Khafagy and **A. Gohar**. Flavonoids from fruits of *Silybum marianum* Var. albiflora. *Planta Med.*, **45**, 153, 1983.
3. **A. Gohar** and I. N. Kuzovkina. Regulation of β -Carboline Alkaloids Production in Tissue Culture of *Peganum harmala*. 14th. Int. Cong. Biochem. Prague P-192, July 10 – 15, 1988.
4. **A. Gohar** and I. N. Kuzovkina. Alkaloids of *Peganum harmala* tissue culture. *Plant Physiol.* **35**, 937, 1988.
5. **A. Gohar** and I. N. Kuzovkina. Tissue culture of *Peganum harmala* and synthesis of indole alkaloids in it. Intl., Cong., Biology of Cell Culture and Biotech. New Sebire, USSR, T1, 87, 1988.

6. N. Kuzovkina, **A. Gohar** and I. E. Alterman. Production of β -carboline alkaloids in transformed root culture of *Peganum harmala* L.. Z. Naturforsch, 45 c, P. 727-728, 1990.
7. **Ahmed A. Gohar**, Fathi T. Halaweish and F. Halim. Induction of *in vitro* Culture of *Convolvulus arvensis* L. *Mans. J. Pharm. Sci.*, **8**, 47-55, 1992.
8. **A. Gohar** and A.F.Halim. Evaluation of the Egyptian Crop of *Silybum marianum* L. Gaertn. *Mans. J. Pharm. Sci* **11**, 65-72, 1992.
9. **Ahmed Gohar**. Macro- and Micromorphology of *Cirsium syriacum* Gaertn. Part – 1: Macro- and Micromorphology of the leaves and Stems. *Mans. J. Pharm. Sci.*, **9**, 82-91, 1993.
10. Mohammed F. Lahloub, Mohamed M. A. Amer, **Ahmed A. Gohar** and Sabry A. A. EL-Khayaat. Phenylpropanoid and Iridoid Glycosides from *Cistanche phelypaea* (C. lutea). *Alex. J. Pharm. Sci.*, **7**, 251-256, 1993.
11. H. Abd El-Fattah, **A. A. Gohar** and S. I. El-Dahmy. Anthraquinones and flavonoids of *Cassia holoserica* Fres. *Az. J. Pharm. Sci.*, **12**, 176-184, 1993.
12. **Ahmed Gohar**. Coumarins from the *in- vitro* Culture of *Convolvulus arvensis* L. *Mans. J. Pharm. Sci.* **10**, 103-108, 1994.
13. **A. Gohar**, S. A. El-khayaat, H-E. A. Saad. 8-Hydroxyglucosylharmine from the Egyptian *Peganum harmala* L. seeds. *Mans. J. Pharm. Sci.* **10**, 109 - 119, 1994.
14. **Gohar, A.**, Amer, M. and Badria, F.. Echinatine N-Oxide, A Potential Antitumor Alkaloid from *Heliotropium supinum* L.. *Bull. Fac.pharm. Cairo Univ.* **32**, 245- 248, 1994.
15. H. Abd El-Fattah, **A Gohar**, S. El-Dahmy and A. Hubaishi. Phytochemical Investigation of *Rumex luminiastrum*. *Acta Pharm. Hungarica*, **64**, 83-85, 1994.
16. H. Elhag, **A. Gohar**, M. m. El-Olemy and J.S.Mosa. Transgenic Plants from Ri-Plasmid Transformed Callus of *Datura innoxia*. IAPTC, VIII, Intl.Cong. of Plnat Tissue and Cell Cullture, Frieenze, Italy, June 12-17, 1994.

17. **A Gohar**, A. A. Afifii, M. A. Al-yahya and M. M. El-Olemy. Bioactivity-guided Isolation of Vasodilator Principles of Truffles. 16th meeting of Saudi Society for Life Science, Riyadh, Saudi Arabia, 1995.
18. H. Elhag. **A. Gohar**, M. M. El-Olemy and J. S. Mossa. Transgenic Plants from Ri-Transformed Callus of *Datura innoxia*. 6th meeting of Saudi Soc. For Life Sci., Riyadh, Saudi Arabia, 1995.
19. H. Elhag, **A. Gohar**, M. M. El-Olemy and J.S.Mossa. Transgenic Plants from Ri-Transformed Callus of *Datura innoxia*. Alkaloid Contents of Normal and Transformed Tissues. *Arab Gulf J. Scient. Res.* **14**, 455-462, 1996.
20. Essam. Abd.El-Sattar, M.M. El-Olemy, H. El-hag, **A. Gohar**, J.S. Mossa and A. Nahrstredt. Quinone Methide Triterpenes from Tissue Culture of *catha edulis*. XXV Intl. Cong. Pharm- Sci., Egypt Cairo, Dec. 24-26, 1996.
21. **Ahmed A. Gohar** and M. M. Elmazar. Isolation of hypotensive flavonoids from *Chenopodium* species growing in Egypt. *Phytotherapy Research*, **11**, 564-567, 1997.
22. **Ahmed A. Gohar**. New Flavonoid Glycosides from *Chenopodium murale* L.. XXVI Intl. Conf. Pharm. Sci., Egypt, Cairo, Dec. 8 – 10, 1998.
23. Abdel Sattar E., El-Olemy M. M., El-Hag H., **Gohar A.**, Mossa J. and Nahrstedt A.. Quinone-Methide triterpenes from tissue culture of *Catha edulis*. *Saudi Pharmaceutical Journal*, **6**, 242-245, 1998.
24. **Gohar A.**, El-Olemy M., Essam Abd El-Sattar, El-Said M.and Niwa M. Cardenolides and □□ Sitosaterol glucoside from *Pergularia tomentosa* L. 4eme. Colloque Europeen.d`Ethnopharmacologie, Metz, France, May 11-13, 2000.
25. **Gohar A.**, El-Olemy M., Essam Abd El-Sattar, El-Said M.and Niwa M; Cardenolides and □□ Sitosaterol glucoside from *Pergularia tomentosa* L.Assuit University 2nd. Pharmaceutical Sci. conference, Assiut, Egypt, March, 8-9, 2000.
26. **Ahmed Gohar**. Pytochemical investigation of *Halocharis hispida*. ASP 41, Seattle, WA, USA, July 22-26, 2000.

27. **Ahmed A. Gohar**, El-Olemy M. M., Essam Abdel Sattar, El-Said M. and Niwa M., Cardenolides and β -sitosterol glucoside from *Pergularia tomentosa* L. Natural Product Sciences, **6**, 142-146, 2000.
28. **Ahmed A. Gohar**; Galal T. Maatooq and M. Niwa; Two Flavonoid Glycosides from *Chenopodium murale* L; Phytochemistry, **53**, 299-303, 2000.
29. **Ahmed A. Gohar**. Heptatriacontanol and Phenolic compounds from *Halocharis hispida*. Mans. J. Pharm. Sci., **17**, 109-119, 2001.
30. Galal Maatooq, **Ahmed Gohar**, Ali El-Gamal, Louis Hutter, Joseph Hoffmann, Tim Smitka, Palaniappan Kulanthaivel and Rosie Bonjouklian, Thrombin_Inhibitor triterpenes from certain *Lantana* species. Mans. J. Pharm. Sci., **17**, 1-15, 2001.
31. Galal Maatooq, **Ahmed Gohar**, Ali El-Gamal, Louis Hutter, Joseph Hoffmann, Tim Smitka, Palaniappan Kulanthaivel and Rosie Bonjouklian. Thrombin-Inhibitor triterpenes from certain *Lantana* species. 3rd. Pharmacuetical Sciences Conference, Faculty of Pharmacy, Assiut Unversity, Assiut, March 5-6, 2002
32. **Ahmed A. Gohar**, Galal T. Maatooq, Masatake Niwa and Yoshiake Takaya. A New triterpenoid saponin from *Chenopodium ficifolium*. 3rd. Pharmacuetical Sciences Conference, Faculty of Pharmacy, Egypt, Assiut Unversity, Assiut, March 5-6, 2002
33. **Ahmed A. Gohar**, Wael E. Hussen and Farid A. Badria. Wound healing activity of *Lagenaria siceraria*. 3rd. Pharmacuetical Sciences Conference, Faculty of Pharmacy, Assiut Unversity, Assiut, March 5-6, 2002
34. Maatooq G. T., **Gohar A. A.** and Hoffmann J. J.. New terpenoids from *Haplopappus multifolius*. Pharmazie, **57**, 282-285, 2002.
35. **Ahmed A. Gohar**, Flavonol glycosides from *Cadaba glandulosa*. Z. Naturforsch., **57c**, 216-220, 2002.
36. **Ahmed A. Gohar**, Galal T. Maatooq, Masatake Niwa and Yoshiake Takaya. A New triterpenoid saponin from *Chenopodium ficifolium*. Z. Naturforsch. **57c**, 597 - 602, 2002.

37. Ahmed M. Zaghloul, **Ahmed A. Gohar**, Zein El-Abdin M. Naeem and Fatma M. Abd El-Rahman. Macro- and Micromorphology of the leaf, stem and bark of *Taxodium Distichum* (L.) Rich.. Mans. J. Pharm Sci., 18,28-40, 2002.
38. **Ahmed A. Gohar**, Mohammed F. Lahloub and Masatake Niwa. Antibacterial Polyphenol from *Erodium glaucophyllum*. Z. Naturforsch, 58c, 670-674, 2003.
39. Mohammad S. Afifi, Osama M. Salama, **Ahmed A Gohar** and Amani M. Marzouk. Iridioids with antimicrobial activity from *Plumeria alba* L.. Bull. Pharm. Sci., Assiut Univ., **29**, 215-223, 2006.
40. Elwakeel, H. A., Moniem, H. A. , Farid, M. and **Gohar, A. A.** Clove oil cream: a new effective treatment for chronic anal fissures. Colorectal disease, 9, 549 – 552, 2006.
41. **Ahmed A. Gohar** and Ashraf A. El-Bassuony. Two new sesquiterpene coumarins, Ferusinol and Samarcandin Diastereomer from *Ferula sinaica*. Saudi Pharmaceutical Journal, **15**, 33-37, 2007.
42. Ahmed M. Zaghloul, **Ahmed A. Gohar**, Mamdouh M. Ahmad, Hany N. Baraka and Ashraf A. El-basuony. Two new phenyl propanoids from the stem bark of *Jacaranda mimosaeifolia* D. Don. 9th international conference on chemistry and its role in development, fac. sci., Mans. Univ., Mansoura, 16 – 19 April, 2007.
43. Ahmed M. Zaghloul, **Ahmed A. Gohar**, Zein Al-Abdin M. Naiem, and Fatma M. Abdel Bar. Taxodione, - DNA-Binding Compound from *Taxodium distichum* L. (Rich.). Z. Naturforsch. 63 c, 355- 360 (2008).
44. A.M. Zaghloul, A.A. Gohar*, M.M. Ahmad, H.N. Barakaa and A.A. El-Bassuony. Phenylpropanoids from the stem bark of *Jacaranda mimosaeifolia* . Natural Product Research, Vol. 25, No. 1, January 2011, 68–76
45. Ahmed A. Gohar, S. R. Gedara and H. N. Baraka. New acylated flavonol glycoside from *Ceratonia siliqua* L. seeds. Journal of Medicinal Plants Research Vol. 3(5), pp. 424-428, May, 2009
46. Gohar, A., Maatooq, G.T., Mrawan, E.M. and Zaki, A.A., 2010. Chemical Investigation of Petroleum Ether Extract and Botanical Study of *Ammannia*

- auriculata Willd. Journal of Environmental Science, Mansoura Univ., Egypt, 39, 263-278.
47. A.A. Gohar*, G.T. Maatooq, E.M. Mrawan, A.A. Zaki and Y. Takaya. Two oleananes from *Ammannia auriculata* Willd . Natural Product Research, Vol. 26, No. 14, **July 2012**, 1328–1333
48. A.A. Gohar*, G.T. Maatooq, S.R. Gadara and W.S. Aboelmaaty. One new pyrroline compound from *Callistemon viminalis* (Sol. Ex Gaertner) G.Don Ex Loudon. Natural Product Research, **2012**, 1–7, iFirst
49. Ahmed A Gohar, Galal T Maatooq, Sahar R Gadara, Walaa S Aboelmaaty and Atef M El-Shazly, Molluscicidal activity of the methanol extract of *Callistemon viminalis* (Sol. Ex Gaertner) G.Don Ex Loudon fruits, bark and leaves against *Biomphalaria alexandrina* snails. Iran j. Pharm. Res. Iranian Journal of Pharmaceutical Research 13 (2): 505-514, **2014**.
50. The profile and antimicrobial activity of the essential oil from *Callistemon viminalis* (Sol. Ex Gaertner) G.Don Ex Loudon leaves. E3 journal of Biotechnology and Pharmaceutical research 5(1), 7-11, **2014**.
51. Assessment of some Herbal Drugs for Prophylaxis of Peptic Ulcer. Ahmed A Gohar and Ahmed A Zaki. Iranian Journal of Pharmaceutical Research 13 (3): 1081-1086, **2014**.
52. Ghada M. Abbas, Fatma M. Abdel Bar, Hany N. Baraka, Ahmed A. Gohar and Mohammed-Farid Lahloub. A new antioxidant stilbene and other constituents from the stem bark of *Morus nigra* L. Natural Product Research, **2014**. <http://dx.doi.org/10.1080/14786419.2014.900770>.
53. Sara A. Abozaid, Hany N. Baraka, Ahmed S. Ibrahim, Ahmed A. Gohar, Farid A. Badria. Anticancer activity of plant-derived proteins against human tumor cell lines. Journal of Drug Discovery and Therapeutics 2 (13), 60-69, **2014**.
54. A.A. Gohar*, G.T. Maatooq, S.R. Gadara and W.S. Aboelmaaty The profile and antimicrobial activity of the essential oil from *Callistemon viminalis* (Sol. Ex Gaertner) G.Don Ex Loudon leaves. 11th ICCRD, Faculty of Sci., Mansoura University, Egypt, 11-15 march, 2013, S9PP13, P- 89.
55. Eman El-attar, Amal Galala, Ahmed Gohar, and Farid Badria. Cycloartane

Glycoside: A New Lactate Dehydrogenase Inhibitor, from the Aerial part of Agriculture Waste of Watermelon. World Journal of Pharmaceutical Sciences; 3(4): 689-695, **2015**

Conferences:

1-14th International Congress of Biochemistry, Prague, July 10 – 15, **1988**.

2-International Congress of Biology of Cell Culture and Biotechnology, New Sebire, **1988**.

3-VIII International Cong. Of Plant Tissue and Cell Culture, Frieenze, Italy, June 12-17, **1994**.

4-16th Meeting of Saudi Society for Life Science, Riyadh, Saudi Arabia, **1995**.

5-XXV International Congress of Pharmaceutical Sciences, Cairo, Dec. 24-26 **1996**.

6-2nd Annual Meeting of the Association of Colleges of Pharmacy in the Arab World, Lebanese American University, (LAU), Byblos- Lebanon, Oct. 16-18, **1998**.

7-XXVI International Cong. Pharmaceutical Sciences, Cairo, Dec. 8-10 **1998**.

8-2nd Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut University, Assiut, March 8-9, **2000**.

9-4^{eme} International Cong. Coll. Eropean D`Ethnopharmacologie, Metz, France, May, 11-13, **2000**.

10- 2nd Scientific meeting, Mansoura University, Faculty of Science, New Damietta, April, 10, **2000**. Phytochemistry of *Ambrosia maritima*, General Lecture.

11- ASP 41, Seattle, WA, USA, July 22-26, **2000**.

- 12- 3rd Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut University, Assiut, March 5-6, **2002**
- 13- 4th Pharmaceutical Sciences Conference, Faculty of Pharmacy, Assiut University, Assiut, March 6-7 march, **2006**.
- 14- International Conf. on Chemistry and Its Role in Development, Dept. Chemistry, Fac. Sci., Mansoura Univ., Mansoura- Sharm El-Shaikh, April 16-19, **2007**.
- 15- International Conf. of Biol. and Environ. Sci. (1st ICBES); Fac. Sci., Mansoura -Univ., Mansoura - Hurgada, March 13-16, **2008**.
- 16- 10th. International Conf. on Chemistry and Its Role in Development, Dept. Chemistry, Fac. Sci., Mansoura Univ., Mansoura-Sharm El-Shaikh, march 16 – 21, 2009
- 17- 3rd internatl. Conference on Biological an environmental sciences, Dept. of Botany and zoology, Faculty of science, Mansoura University, Mansoura Hurgada March 20-24, 20012.
- 18- 11th ICCRD, Faculty of Sci., Mansoura University, Egypt, 11-15 march, 2013, S9PP13, P- 89.
- 19- 12th ICCRD, Faculty of Sci., Mansoura University, Egypt, 16-20 march, 2015, OC 1; Antiproliferative Activity of a New Stilbene Derivatives and Other Constituents from the Stem Bark of *Morus nigra* L.
- 20-

Training coarses:

Training Coarse for PCR (Modern Technology for Gene Isolation and Transfer), Ain Shams University, Faculty of Science. Nov., 22-25, 1997.

Technology of DNA Manipulation, Alexandria University, Institute of Graduate Studies & Research, Department of Bioscience & Technology, Feb., 13-17, 2000

Nuclear magnetic resonance: theory and application, faculty of Pharmacy,
Mans. Univ., 30-31 August 2010

PCR: Gene amplification, faculty of Pharmacy, Mans. Univ., 21 September
2010

General and social activities in the faculty

- 1- Member of the department committee
- 2- Member of the committee of the drug analysis unit
- 3- Member of the graduate student affairs committee
- 4- Head of some students families
- 5- Supervisor of the student committee elections
- 6- Supervisor of the election of the committee of the university social committee
- 7- Supervisor for many of the scientific faculty journeys
- 8- Regular participant in the public lectures in the department and the university
- 9- Participant in the faculty general foundation.
- 10-Principal founder of the plant tissue culture laboratory in the faculty of
pharmacy
- 11-Head of the continued training and human resources committee
- 12-Head of 3rd grade student control

General and social activities in some of the arabian faculties

- 13-Teaching of the pharmacognosy coarses in the faculty of pharmacy king
Saoud University, KSA and participation in bath written and oral exams
- 14-Teaching of the pharmacognosy coarses in the faculty of pharmacy Gar
Younis University, Libya and participation in bath written and oral exams

General and Social activities

- 15-General lectures on the alternative medicine (Herbal medicine) planned by the
Egyptian committee of alternative medicine
- 16-Lectures of alternative medicine planned by TV satellite channels like Al-
mehwar and Nile TV (culture channel)

17-General lectures for continuous pharmaceutical education planned by the
Egyptian Syndicate of Pharmacy