

## C. V.



### Personal Data:

Name : Ashraf Taha Mohamed Ali Khalil.  
Nationality : Egyptian.  
Date of birth : 17/6/1953.  
Religion : Muslim.  
Social status : Married with three children.  
Address : Dept. of Pharmacognosy, Faculty of Pharmacy, Mansoura,  
Egypt.

### Qualifications:

Present Job: Professor of Pharmacognosy, Faculty of Pharmacy, Mansoura University.  
2007-2012 : Professor, Faculty of Pharmacy, King Saud Univ., Saudi Arabia.  
2007 Jan : Professor, Faculty of Pharmacy, Mansoura Univ., Egypt  
2007 : Researcher, School of Pharmacy, National Taiwan Univ. (NTU), Taipei, Taiwan.  
Aug.2005 : Assoc. Prof. Faculty of Pharmacy, Mansoura Univ.  
2003-2006 : Post-Doctor Fellowship, Institute of Marine resources, National Sun Yat-sen University, Kaohsiung, Taiwan.  
2001-2003 : Post-Doctor Fellowship, Institute of Natural products, Kaohsiung Medical University, Kaohsiung, Taiwan.  
Feb. 1999 : A visiting Prof. at University of Ajman, UAE.  
Mar. 1997 : A workshop on “*Biotechnology and Genetic Engineering*”, The High Institute of Research, University of Alexandria, Alexandria.  
Nov 1994 : A workshop on “*Microbial Transformations*”, The National Research Center, Cairo.  
Sept. 1992 : A Scholarship for Research in Mississippi Univ. (USA) for six Months.  
1988 : Lecturer in the Dept. of Pharmacognosy, Mansoura University, Egypt, including:  
1) Teaching undergraduate students some aspects of Pharmacognosy and Phytochemistry.  
2) Research work in the field of natural products.  
3) Teaching and supervising graduate students.  
4)  
1983 : Assistant Lecturer, Dept. of Pharmacognosy, Mansoura University

(1&2).

1978 : Teaching Assistant, Dept. of Pharmacognosy, Mansoura University (1&2).

1977 : Military service.

**Master Thesis:**

“ A Pharmacognostical Study of *Eclipta alba* Belonging to the Tribe Heliantheae, Family Compositae” (1983).

**Ph.D. Thesis:**

“ A Pharmacognostical Study of Certain Plants Belonging to the Tribe Cichorieae, Family Asteraceae” (1988).

**Thesis Supervision:**

- 1) Sahar R. Gedara: M.Sc. thesis (Pharmacognosy) entitled “ A Pharmacognostical Study of Certain Plants Belonging to The Family Labiatae” (1994).
- 2) Hany N. Baraka : M.Sc. thesis (Pharmacognosy) entitled “ A Pharmacognostical Study of *Bougainvillea* and *Buddleia madagascariensis*” (2001).
- 3) Amal A. Sallam : M.Sc. thesis (Pharmacognosy) entitled “A Pharmacognostical Study of *Daucus glaber* Belonging to the Family Umbelliferae” (2004).
- 4) Amal Fathy: M. Sc. Thesis (Pharmacognosy) entitled "Pharmacognostical study of *Clerodendron splendens*" (2014)
- 5) Amal Fathy: Ph.D. Thesis (Pharmacognosy) entitled "Microbial transformation of some diterpenes" (2018).

**Member of Defence committee:**

- 1) Mohamed Farag Abdel Halim: M.Sci thesis (Pharmacognosy) entitled "A Pharmacognostical study of *Albizia Lebbek*, King Saud University, (2009).
- 2) Shaza Mohamed Al-Massarani: M.Sci thesis (Pharmacognosy) entitled "Pharmacognostical and Biological Study of *Caralluma sinaic* Graming in Saudi Arabic" , King Saud University, KSA, (2011).
- 3) Sara Ahmd Abo Zaid: M.Sc thesis (Pharmacognosy) entitled " Chemical and Biological Study of Therapeutic proteins from Plants with nutritional value", (2014)
- 4) Amal Fathy: M.Sc thesis (Pharmacognosy) entitled "Pharmacognostical study of *Clerodendron splendens*" (2014)
- 5) Marwa Sebaee: Ph.D. thesis (Pharmacognosy) entitled Phytochemical and Biological Study of some plants belonging to family Araceae, (2015).
- 6) Mona El-Neketi: Ph.D. thesis (Pharmacognosy) entitled Phytochemical and Biological Study of *Aglaia duperreana* and of *Ceratonia siliqua* Endophyte, (2015).
- 7) Reham

**Membership of Scientific Ph. Societies:**

The Pharmaceutical Society of Egypt, Cairo.

**Participation in Scientific Congresses:**

- 1) Symposium of the Gesellschaft fur Arzneipflanzenforschung, Graz, Austria, 12-17/7/1982.

- 2) Intern. Symp. Med. Pl. Chem , “Sesquiterpene Lactones from *Reichardia tingtana* (L.) Roth. var. *Orientalis* (L.) Asch. et Schweinf.”., Izmir, Turkey, P-31 ,July 1987.
- 3) XXI Conference of Pharmaceutical Sciences, “Triterpenes from *Lactuca saligna*”, H. A. El-Fattah, A.T. Khalil , E.S. Mansour and E.S. Waight, The Pharmaceutical Society of Egypt, Cairo, 24-27/2/1990.
- 4) International Conference of Pharmaceutical Sciences and Technology, Faculty of Pharmacy, Alexandria, 22-25/3/1995.
- 5) Annual Meeting of the Pharmaceutical Society of Taiwan (R.O.C), Tajen Institute of Technology, Pingtung, Taiwan, 21-22 November 2002.
- 6) The 2<sup>nd</sup> International Symposium on Modern Industrial Technology in Chinese Herbs and 18<sup>th</sup> Symposium on Natural Products, Kaohsiung Medical University, 31 Oct.-2 Nov.(2003).
- 7) International Conference on Development of Chemistry, Sharm-El Sheikh, Egypt, March,2005

#### **List of Publications:**

- 1) “Phenolics and other constituents From *Eclipta alba*” (1982) A.F. Halim, S. I. Balbaa and A. T. Khalil, *Planta Med.*, **45**, 163-4.
- 2) “Macro- and Micromorphological Study of *Aetheorhiza bulbosa* (L.) Cass.” (1992), A. F. Halim, M. F. Lahloub and A. T. Khalil, *Al-Azhar J. Nat. Prod.* **8**, 172.
- 3)“Guaianolides from *Lactuca saligna*” (1991) A. T. Khalil , H. A. El-Fattah and E. S. Mansour, *Planta Med.* **57**, 190-191.
- 4) “(-)-1-Methylcorypalline, An isoquinoline Alkaloid From *Arthrocnemum glaucum*” (1992), A. T. Khalil, A. F. Halim, K. Ogata, T. Sekine and I. Murakoshi, *Phytochemistry* **31**, 1023-1025.
- 5) “Further Isoquinoline Alkaloids From *Arthrocnemum glaucum*” (1994), A. T. Khalil, *Mans. J. Pharm. Sci.*, **10**, 1, 96-102.
- 6) “Pregnane esters from *Caralluma retrospiciens*” (1995), A. T. Khalil, *Fitoterapia* **66**, 261-164
- 7) “Phenolic Compounds From *Lippia nodiflora*” (1995), A.T. Khalil, M. F. Lahloub and O. M. Salama, *Mans. J. Pharm. Sci.* **11**, 256.
- 8) “Macro- and Micromorphological study of *Leucas neufliseana* Courb.” (1995) A. T. Khalil, S. R. Gedara, M. F. Lahloub and A. F. Halim, *Mans. J. Pharm. Sci.* **11**, 270.

- 9) "Diterpene and Flavone derivatives From *Leucas neuflyseana* " (1996), A. T. Khalil, S. R. Gedara, M. F. Lahloub and A. F. Halim, *Phytochemistry* **41**, 1569.
- 10) "New Pregnane Glycosides From *Caralluma retrospiciens*" (1996), A. F. Halim and A. T. Khalil, *Phytochemistry* **42**, 1135.
- 11) "A Diterpene from *Nepeta septemcrenata*" (1997), A.T. Khalil, S. R. Gedara, M. F. Lahloub, A. F. Halim and M. Voehler, *Phytochemistry* **44**, 475-478.
- 12) "Bioactive Phenolics from *Buddleia madagascariensis*" (2002), A. H. Zaghloul, A. T. Khalil, E.-S. M. Marwan, H. N. Baraka, *Zagazig J. Pharm. Sci.*, **11**, 54-63.
- 13) "Limonoids From *Citrus reticulata* " (2003), A. T. Khalil, G. T. Maatooq and K. El-Sayed, *Z. Naturforsch.[C]*, **58**, 165-170.
- 14) "Antiplatelet and Anti-Hiv Constituents From *Euchresta formosana*" (2003), W. L. Lo, C. C. Wu, F. R. Chang, W. Y. Wang, A. T. Khalil, K. H. Lee and Y. C. Wu, *Nat. Prod. Res.* **17**, 91-97.
- 15) "A New Coumarin Glycoside from the Roots of *Hydrangea chinensis*" (2003), A. T. Khalil, F. R. Chang, Y. H. Lee, P. Ramesh, Y. C. Wu, *Arch. Pharm. Res.* **26**, 15-20.
- 16) "Cytotoxic Benzophenanthridine and Berberine Alkaloids from *Argemone mexicana*" (2003), Y. C. Chang, F.-R. Chang, A. T. Khalil, Y. C. Wu. *Z. Naturforsch. [C]*, **58**, 521-526.
- 17) "Secoiridoid Glycoside and Alkaloid Constituents of *Hydrangea chinensis*." (2003), F. R. Chang, Y. H. Lee, Y. L. Yang, Y. L. Yang, P. W. Hsieh, A. T. Khalil, C. Y. Chen, Y. C. Wu. *J. Nat. Prod.*, **66**, 1245-1248.
- 18) " A New Marine Metabolite from *Isis hippuris* and a Furanosesterpene from *Aplysilla sulfurea*." (2003), Y. T. Chang, C. L. Lin, A. T. Khalil, Y. C. Shen. *Chin. Pharm. J.*, **55**, 129-133.
- 19) "Polyoxypregnane Glycosides from *Caralluma retrospiciens*" (2004), F. T. Halaweish , E. Huntimer, A. T. Khalil. *Phytochem. Anal.*, **15**,189-94.
- 20) "New Cytotoxic Clerodane Diterpenoids from the Leaves and Twigs of *Casearia membranacea*" (2004), Y. C. Shen, C. H. Wang, Y. B. Cheng, L. T. Wang, J. H. Guh, C. T. Chien, A. T. Khalil. *J. Nat. Prod.*, **67**, 316-321.
- 21) "Two New Cytotoxic Clerodane Diterpenoids from *Casearia membranacea*" (2004), Y. C. Shen, L. T. Wang, C. H. Wang, A. T. Khalil. *J. H. Guh. Chem. Pharm. Bull.*, **52**, 108-110.
- 22) "Vibsan Diterpenoids from the Leaves and Flowers of *Viburnum odoratissimum*" (2004), Y. C. Shen, C. L. Lin, S. C. Chien, A. T. Khalil, C. L. Ko, C. H. Wang. *J. Nat. Prod.* **67**, 74-77.

- 23) "Essential oil of *Daucus glabra* Forssk" (2004), E.-S. Mansour, G. T. Maatooq, A. T. Khalil, E.-S. M. Marwan, A. A. Sallam, *Naturforschung*, **59**, 373-8 .
- 24) "Chromanones and Dihydrocoumarins from *Calophyllum blancoi*" (2004), Y. C. Shen, L. T. Wang, A. T. Khalil, Y. H. Kuo, *Chem. Pharm. Bull.*, **52**, 402-405.
- 25) "Pyranoxanthenes from *Calophyllum inophyllum*" (2004), H. C. Cheng, L. T. Wang, A. T. Khalil, Y. T. Chang, Y. C. Lin, Y. C. Shen, *J. Chin. Chem. Soc.*, **51**, 431-435.
- 26) " New Regio- and Stereoselective *O*-Deacetylated and Epoxy products of Taxanes Isolated from *Taxus mairei*" (2004), Y. C. Shen, C. L. Ko, Y. B. Cheng, M. Y. Chiang, A. T. Khalil. *J. Nat. Prod.* , **67**, 2136-2140.
- 27) " Two New Sesquiterpene Lactones from *Ixeris chinensis*" (2005), A. T. Khalil, Y. C. Shen, J. H. Guh, S. Y. Cheng. *Chem. Pharm. Bull.*, **53**, 15-17.
- 28) " Juncenolides F and G, Two New Briarane Diterpenoids from Taiwanese gorgonian *Junceella juncea*." (2005), Y. C. Lin, Y. L. Huang, A. T. Khalil, M. H. Chen, Y. C. Shen. *Chem. Pharm. Bull.*, **53**, 128-130.
- 29) " Three New Taxane Diterpenoids from *Taxus sumatrana*." (2005), Y. C. Shen, K. C. Cheng, Y. C. Lin, Y. B. Cheng, A. T. Khalil, J. H. Guh, C. T. Chien, C. M. Teng, Y. T. Chang. *J. Nat. Prod.*, **68**, 90-93.
- 30) " Bioactive Pyranoxanthenes from the Roots of *Calophyllum blancoi*". (2005), Y. C. Shen, L. T. Wang, A. T. Khalil, L. C. Chiang, P. W. Cheng. *Chem. Pharm. Bull.*, **53**, 244-247.
- 31) " Cytotoxic Sesquiterpene Lactones from *Eupatorium kiirunense*, a Coastal Plant of Taiwan" (2005), Y. C. Shen, K. L. Lo, Y. H. Kuo, A. T. Khalil. *J. Nat. Prod.* , **68**, 745-750.
- 32) " New Clerodane Diterpenoids from *Casearia membranacea*" (2005), Y. C. Shen, C. L. Lee, A. T. Khalil., Y. B. Cheng, C. T. Chien, Y. H. Kuo. *Helv. Chim. Acta.* , **88**, 68-77.
- 33) " Novel Taxane Diterpene from *Taxus sumatrana* with the First C-21 Taxane Ester." (2005), Y. C. Shen, Y. S. Lin, Y. B. Cheng, K. C. Cheng, A. T. Khalil, Y. H. Kuo, C. T. Chien, Y. C. Lin. *Tetrahedron*, **61**, 1345-1352.
- 34) " New Germacranolides from *Eupatorium hualienense*" (2005), Y. C. Shen, J. Y. Jang, A. T. Khalil., L. C. Chiang. *Chem. Biodiv.*, **2**, 244-252.
- 35) " Isolation of Aureol From *Smenospongia* sp. and Cytotoxic activity of Some Aureol Derivatives" (2006), Y. C. Shen, C. C. Liaw, J. R. Ho, A. T. Khalil, Y. H. Kuo. *Nat. Prod. Res.*, **20**, 578-585.

- 36) "Xenicane-type diterpenes with cytotoxicity from *Xenia florida*" (2006), Y. B. Cheng, J. Y. Jang, A. T. Khalil, Y. C. Shen, *J. Nat. Prod.*, **69**, 675-8.
- 37) " Novel linear C<sub>22</sub>-sesterterpenoids from sponge *Ircinia formosana*" (2006), Y. C. Shen, K. L. Lo, Y. C. Lin, A. T. Khalil, Y. H. Kuo, P. S. Shiha, *Tetrahedron Lett.*, **47**, 4007-4010.
- 38) "Phytochemical Investigation of *Jacaranda acutifolia*"(2006), A. T. Khalil. *Alex. J. Pharm. Sci.*, **20**, 89-92.
- 39) "New Benzylamides from *Salvadora persica*" (2006), A. T. Khalil, *Arch. Pharm. Res.*, **29**, 952-956.
- 40) "Bioactive sesquiterpene lactones from *Eupatorium kirrunense*" (2006) Y. C. Shen, K. L. Lo, Y. H. Kuo, A. T. Khalil. *Nat. Prod. Comm.*, **1**, 531-536.
- 41) "Chemical transformation and biological activities of ambrein, a major product of ambergris from *Physeter macrocephalus* (sperm whale)" (2007), Y. C. Shen, S. Y. Cheng, Y. H. Kuo, T. L. Hwang, M. Y. Chiang, A. T. Khalil., *J. Nat. Prod.* **70**, 147-53.
- 42) "Four New Briarane Diterpenoids from the gorgonian Coral *Junceella fragilis*" (2007), Y. C. Shen, Y. H. Chen, T. L. Hwang, J. H. Guh, A. T. Khalil. *Helv. Chim. Acta*, **90**, 1391-1398.
- 43) "Kadsuphilols A-H, oxygenated lignans from *Kadsura philippinensis*" (2007), Y. C. Shen, Y. B. Cheng, T. W. Lan, C. C. Liaw, S. S. Liou, Y. H. Kuo, A. T. Khalil. *J. Nat. Prod.*, **70**, 1139-1145.
- 44) "Tasumatrols P - T, Five New Taxoids from *Taxus sumatrana*" (2007), Y. C. Shen, Y. S. Lin, S. M. Hsu, A. T. Khalil, S. S. Wang, C. T. Chien, Y. H. Kuo, C. H. Chou, *Helv. Chim. Acta*, **90**, 1319-1329.
- 45) "Two new xeniolides from a Taiwanese *Xenia* soft coral" (2007), Y. C. Shen, Y., Y. H. Chen, Y. B. Cheng, Y. H. Kuo, A. T. Khalil, *Nat. Prod. Res.*, **21**, 1171-7.
- 46) "Bioactive marine prostanoids from octocoral *Clavularia viridis*" (2008), Y. S. Lin, A. T. Khalil, S. H. Chiou, Y. C. Kuo, Y. B. Cheng, C. C. Liaw, Y. C. Shen, *Chem. Biodivers.*, **5**, 784-92.
- 47) "Tasumatrols U-Z, taxane diterpene esters from *Taxus sumatrana*" (2008), Y. C. Shen, S. S. Wang, C. T. Chien, Y. H. Kuo, A. T. Khalil, *J. Nat. Prod.*, **71**, 576-80.
- 48) "New bioactive clerodane diterpenoids from the roots of *Casearia membranacea*" (2008), C. Y. Chen, Y. B. Cheng, S. Y. Chen, C. T. Chien, Y. H. Kuo, J. H. Guh, A. T. Khalil, Y. C. Shen, *Chem. Biodivers.*, **5**, 162-7.
- 49) "Cembrane Diterpenoids from the Taiwanese Soft Coral *Sarcophyton stolidotum*"

- (2008), Y. B Cheng, Y. C. Shen, Y. H. Kuo, A. T. Khalil, *J. Nat. Prod.*, **71**, 1141-1145.
- 50) "Frajunolide E-K, briarane diterpenes from *Junceella fragilis*" (2008), C. C. Liaw, Y. C. Shen, Y. S. Lin, T. L. Hwang, Y. H. Kuo, A. T. Khalil, *J. Nat. Prod.*, **71**, 1551-1556.
- 51) "Cytotoxic activity of capnellene-8,10-diol derivatives from Taiwanese soft coral *Capnella* sp." (2008), Y. C. Shen, G. L. Tzeng, Y. H. Kuo, A. T. Khalil, *J. Chin. Chem. Soc.*, **55**, 828-833.
- 52) "Cespihypotins Q-V, verticillene diterpenoids from *Cespitularia hypotentaculata*", (2008), Shen YC, Lo KL, Kuo YH, Kuo YC, Chen CH, Khalil AT., *J. Nat. Prod* **71**,1993-7.
- 53) "Dibenzocyclooctadiene lignans from *Kadsura philippinensis*" (2009),  
Shen YC, Lin YC, Cheng YB, Chiang MY, Liou SS, Khalil AT.  
*Phytochemistry*; **70**,114-20.
- 54) "Sinuladiterpenes A-F, new cembrane diterpenes from *Sinularia flexibilis*".  
Lo KL, Khalil AT, Kuo YH, Shen YC. (2009), *Chem. Biodivers.* , **6**, 2227-35.
- 55) "A novel  $\beta$ -lactam derivative, Albactam, from flowers of *Albizia lebbeck* with platelets anti-aggregatory activity in vitro" (2015), El Gamal, A.A., Abdel Halim M. F., Khalil AT, Basudan OA, Al Rehaily AJ, Ahmed MS, El Tahir KH, Al Massarani SA, Abdel Mageed WM, *Pak. J. Pharm. Sci.*, **28** (suppl.), 745-753.
- 56) "Phytochemical and biological evaluation of *Buddleja polystachya* growing in Saudi Arabia"(2015), Al Ati HY, Fawzy GA, El Gamal AA, Khalil AT, El Tahir KD, Abdel-Kader MS, Gilani AH, *Pak. J. Pharm. Sci.*, **28** (4), 1533-1540.
- 57) Nora L. El-Tantawy, Amal F. Soliman, Aida Abdel-Magied, Doaa Ghorab, Ashraf T. Khalil, Zein M. Naeem, Kuniyoshi Shimizu, Saleh H. El-Sharkawy, Could *Araucaria heterophylla* resin extract be used as a new treatment for toxoplasmosis?, *Experimental Parasitology* (2018),  
doi:10.1016/j.exppara.2018.10.003
- 58) Amal F. Soliman, Zein M. Naeem, Ashraf T. Khalil, Kuniyoshi Shimizu, Saleh H. El-Sharkawy. Microbial transformation of the labdane diterpene 13-*epi*-cupressic acid., *World J. Pharm. Sci* 2018; **6**(5): 61-69.