

Curriculum Vitae

Prof. Dr. Hanaa Mohamed Sayed

Professor of Pharmacognosy

Faculty of Pharmacy, Assiut University, Assiut, Egypt

Personal information:

Name : Hanaa Mohamed Sayed Bekheet
Date & place of birth: Sept. 1st 1949, Assiut
Nationality : Egyptian
Marital status : Married
Occupation : Professor in Department of Pharmacognosy,
Faculty of Pharmacy, Assiut University
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Languages : Arabic (native)
English (very good)

Qualifications:

- 1- B. in Pharmaceutical Sciences with Honors (1971).**
- 2- Master in Pharmaceutical Sciences (Pharmacognosy, 1976)**
- 3- Doctor of Philosophy in Pharmaceutical Sciences (Pharmacognosy, 1980).**
- 4- Associate Professor of Pharmacognosy & Chemistry of Medicinal Plants (1986).**

5- Professor of Pharmacognosy & Chemistry of Medicinal Plants since (1992) till now.

Positions held:

- 1- Demonstrator in Pharmacognosy Dept. (1971-1976).**
- 2- Assistant lecturer in Pharmacognosy Dept. (1976-1980).**
- 3- Lecturer in Pharmacognosy Dept. (1980-1986).**
- 4- Associate Professor in Pharmacognosy Dept. (1986-1992).**
- 5- Member of governmental mission at institute of Natural Products Research Athens, Georgia, USA (1990).**
- 6- Professor in Pharmacognosy (1992 –till now).**
- 7- Head of Pharmacognosy Dept. (10/1999-7/2000).**
- 8- Head of Pharmacognosy Dept. (7/2006-1/2008).**
- 9- Vice Dean for Community Services & Environmental Affairs (1/2008- 7/2009).**

Research Interst:

- 1- Botanical investigation of medicinal plants.**
- 2- Isolation, structure elucidation of several constituents as alkaloids, flavonoids, coumarins, sterols & terpens from their natural sources (medicinal plans) using several chromatographic techniques.**
- 3- Biological studies of different extracts and their isolates on experimental animals.**

Scientific Activites:

I- Supervision of Master and Ph. D. Thesis:

A- Master thesis:

- 1- A Pharmacognostical study of *Aberia caffra* (Hook f &Harv.)Waarb Family Flacourtiaceae cultivated in Egypt (1997).**

2- A Pharmacognostical study of *Cyperus rotundus* L. Family Cyperaceae growing in Egypt. (2001).

3- Pharmacognostical study of *Flacortia cataphracta* (Roxb.) Family Flacortiacea (2004) .

4- Pharmacognostical study of *Euphorbia peplus* (L.) growing in Egypt (under preparation).

B- Ph. D. thesis:

1- Phytochemical studies of certain *Amarillidaceous* plants and some *Fungi*.

2- A study of *Montaoa bobinnatifida* (Koch.) Family Compositae (1989).

3- Pytochemical and biological studies of certain *Cyperus* species growing in Egypt (2006).

4- Phytochemical and biological studies of certain plants belonging to Family Acanthaceae (under preparation).

Membership of Academic Societies:

1- Member of the Egyptian Pharmaceutical Society (since 1971)

2- Member of the General Syndicate of Pharmacists of Egypt (since 1971).

List of Publications

- 1- **H.M. Sayed**, A.M. El-Moghazy and C.S. Gomaa
Preliminary Studies on the Constituents of *Linaria bipartita* Wild.
Presented at the XIII Egyptian Conference of Pharmaceutical Sciences, Cairo, Feb. (1974).
- 2- **H.M. Sayed**
Pharmacognostical Study of *Linaria bipartita* Wild. Growing in Egypt.
M.Sc. Thesis, Fac. of Pharm., Assiut Univ. (1976).
- 3- **H.M. Sayed**, A.M. El-Moghazy, A.A. Ali and S.M. El-Sayyad
Phytochemistry of *Leptadenia pyrotechnica* Forsk. Part I: Lipids and Flavonoids
Presented in the 6th Congress of Arab Pharmacists Union, Tunis (1978).
- 4- **H.M. Sayed**, A.M. El-Moghazy, A.A. Ali and S.M. El-Sayyad
Macro and Micromorphology of *Leptadenia pyrotechnica* Forsk. Part I: Stem and Leaf.
Presented in the 6th Congress of Arab Pharmacists Union (1978).
- 5- **H.M. Sayed**, A.M. El-Moghazy, A.A. Ali and S.M. El-Sayyad
Macro and Micromorphology of *Leptadenia pyrotechnica* Forsk. Part II: The Flower and Fruit.
Presented in the 6th Congress of Arab Pharmacists Union, Tunis (1968).
- 6- **H.M. Sayed**, M.H. Abdel-Raheem, A.H. Bayoumi, A.M. El-Moghazy and S.M. El-Sayyad
Preliminary Pharmacological Properties of Germanicol.
J. Egypt. Vet. Med. Assoc., 39 (1), 19-28 (1979).
- 7- **H.M. Sayed**, A.M. El-Moghazy, A.A. Ali and S.M. El-Sayyad
A Phytochemical Study of *Leptadenia heterophylla* (del) Decne.
Fitoterapia DI, 6, 321, 23 (1979).
- 8- **H.M. Sayed** and A.M. El-Moghazy
Pharmacognostical Study of Certain *Leptadenia* Species, Growing in Egypt.
Ph.D Thesis, Fac. of Pharm., Assiut Univ. (1980).

- 9- **H.M. Sayed** and S.M. El-Sayyad
A Comparative Macro and Micromorphological Study of *Cassia javanica* Linn & *C. siamea* Lam. Part I: Stem and Leaves.
Bull. Pharm. Sci., Assiut Univ., 6 (1), 118 (1983).
- 10- **H.M. Sayed** and S.M. El-Sayyad
A Comparative Macro and Micromorphological Study of *Cassia javanica* Linn. & *C. siamea* Lam. Part II: Fruits and Seeds.
Bull. Pharm. Sci., Assiut Univ., 6 (1), 89-102 (1983).
- 11- **H.M. Sayed**, A.A. Ali and M.K. Mesbah
Pharmacognostical Study of *Gynandropsis pentaphylla* (Hurhur) Growing in Egypt. Part I: Macro and Micromorphology of the Root, Stem and Leaf.
Bull. Pharm. Sci., Assiut Univ., 6 (2), 416-33 (1983).
- 12- **H.M. Sayed**, A.A. Ali and M.K. Mesbah
Pharmacognostical Study of *Gynandropsis pentaphylla* (Hurhur) Growing in Egypt. Part II: Flower and Fruit.
Bull. Pharm. Sci., Assiut Univ., 6 (2), 434-49 (1983).
- 13- **H.M. Sayed**, S.A. Ross and S.M. El-Sayyad
Phytochemical Studies on *Aster squamatus* L. Part II: Sesquiterpene Lactones, Triterpenes and Sterols Present in the Flowers.
Bull. Pharm. Sci., Assiut Univ., 7 (2), 389-97 (1984).
- 14- **H.M. Sayed**, S.A. Ross and S.M. El-Sayyad
Phytochemical Studies on *Aster squamatus* L. Part I: Flavonoid Constituents of the Flowers.
Egypt. J. of Pharm. Sci., 25 (1-4), 195-202 (1984).
- 15- **H.M. Sayed** and S.M. El-Sayyad
Phytochemical Study on the Fruits of Certain *Cassia* Species, Cultivated in Egypt.
Bull. Pharm. Sci., Assiut Univ., 8 (1), 12-27 (1985).
- 16- **H.M. Sayed** and M.A. Abdel-Hafiz

Pharmacognostical Study of *Portulaca oleracea* L. Growing in Egypt. Part I: Botanical Study of the Stem, Leaves and Investigation of the Lipid Content. *Bull. Pharm. Sci., Assiut Univ.*, 8 (1), 41-60 (1985).

- 17- **H.M. Sayed**, A.A. Ali, O.M. Abdallah and W. Steglich
Oxocrinine and Other Alkaloids from *Crenum americanum*.
Phytochemistry, 25 (10), 2399-2401 (1968).
- 18- **H.M. Sayed**, S.M. El-Sayyad and S.A. Mousa
Chemical Constituents and Preliminary Anthelmintic Activity of *Ficus platyphylla* Del.
Bull. Pharm. Sci., Assiut Univ., 9 (1), 149-163 (1986).
- 19- **H.M. Sayed** and S.A. Ross
Phytochemical Studies on *Aster squamatus* L. Part III: Constituents of the Leaves.
Bull. Pharm. Sci., Assiut Univ., 9 (1), 49-63 (1986).
- 20- **H.M. Sayed**, A.A. Ali and M.K. Mesbah
Pharmacognostical Study of *Gynandropsis pentaphylla* (Hurhur) Growing in Egypt. Part III: Lipids and Flavonoids of the Leaves.
Bull. Pharm. Sci., Assiut Univ., 10 (1), 74-83 (1987).
- 21- **H.M. Sayed**, A.A. Ali, O.M. Abdalla, W. Steglich and E. Dange
Alkaloids from *Haemanthus multiflorus* Martyn.,
Bull. Pharm. Sci., Assiut Univ., 10 (1), 157-64 (1987).
- 22- **H.M. Sayed**, A.A. Ali, O.M. Abdalla and W. Steglich
Flavans from *Crinum americanum*.
Pharmazie, 43 (4), 295-96 (1988).
- 23- **H.M. Sayed**, S.M. El-Sayyad and S.A. Ross
Further New Alkaloids from *Cassia siamea* Lam. Leaves.
Bull. Pharm. Sci., Assiut Univ., 12 (2), 266-72 (1989).
- 24- **H.M. Sayed**, A.A. Ali, O.M. Abdalla and W. Steglich

Demethyl Lepidine A New Alkaloid from *Lipidium sativum* Seeds.

Bull. Pharm. Sci., Assiut Univ., 12 (2), 273-81 (1989).

- 25- **H.M. Sayed**, S.M. El-Sayyad and S.A. Youssef
Flavonoids, Diterpenes, Triterpens, Steroids, Sesquiterpenes from the
Flowers and Leaves of *Montanoa bipinnatifida* (Koch.).
Bull. Pharm. Sci., Assiut Univ., 12 (3), 341-50 (1989).
- 26- **H.M. Sayed**, S.M. El-Sayyad and E.Y. Bacheet
Macro and Micromorphology of *Cassia tomentosa* Linn. Cultivated in
Egypt. Part I: The Stems and Leaves.
Bull. Pharm. Sci., Assiut Univ., 12 (3), 379-92 (1989).
- 27- **H.M. Sayed**
Macro and Micromorphology of the Stem and Leaves of *Ficus nitida*
(Thunb).
Bull. Pharm. Sci., Assiut Univ., 12 (3), 401-15 (1989).
- 28- **H.M. Sayed**, S.M. El-Sayyad and A.A. Attia
Constituents of *Ficus platyphylla* (Del) Fruits.
Bull. Pharm. Sci., Assiut Univ., 12 (3), 463-67 (1989).
- 29- **H.M. Sayed**, S.M. El-Sayyad and S.A. Youssef
Kaurenoids from *Montanoa bipinnatifida* (Koch).
Bull. Pharm. Sci., Assiut Univ., 12 (3), 468-74 (1989).
- 30- **H.M. Sayed**, S.M. El-Sayyad and M.I. Mourad
Biological Activity of Extracts and Constituents of *Ficus platyphlla* (Del)
Leaves and Fruits Against Ringworm.
Fourth Sci. Cong. Fac. Vet. Med., Assiut Univ., Proc. Vol. 1, 18-20
(1990).
- 31- **H.M. Sayed** and M.A. El-Shanawany
Chemical Constituents of *Lathyrus odoratus* L.
Bull. Fac. Sci., Assiut Univ., 19 (2-B), 31-38 (1990).
- 32- **H.M. Sayed** and E. Y. Backeet

Improved Thin Layer Chromatography (TLC) - Colourimetric Analysis of Xanthotoxin and Bergapten in Plant Extracts and Some Formulations.

Bull. Fac. Sci., Assiut Univ., 20 (1-B), 23-30 (1991).

- 33- **H.M. Sayed**, E.Y. Backeet and S.M. El-Sayyad
Further Flavonoids and Coumarins from *Ficus platyphylla* (Del) Leaves.
Bull. Fac. Sci., Assiut Univ., 20 (1-B), 115-24 (1991).
- 34- **H.M. Sayed**
On the Chemistry of *Cassia tomentosa* (Linn.). Part I: Constituents of the Leaves.
Bull. Fac. Sci., Assiut Univ., 20 (1-B), 115-24 (1991).
- 35- **H.M. Sayed**, X. Liang, S.A. Ross, Y.R. Sohni, H.K. Desai, B.S. Joshi and S.W. Pelletier
Norditerpenoid Alkaloids from the Stems and Leaves of *Delphinium ajacis*.
J. Nat. Products, 54 (5), 1283-87 (1991).
- 36- **H.M. Sayed**, M.A. Abdel-Hafez and R. Anton
Phytochemical Study of *Conyza dioscoridis* (L.) Desf. Part I: Steroids, Triterpenes and Flavonoids from the Leaves.
Bull. Fac. Sci., Assiut Univ., 20 (2-B), 23-30 (1991).
- 37- **H.M. Sayed** and E.Y. Backeet
Studies on the Constituents of *Ficus nitida* (Thumb).
Bull. Fac. Pharm., Cairo Univ., 29 (2), 99-102 (1991).
- 38- **H.M. Sayed**, S.W. Pelletier, S. Bhandaru, H.K. Desai and S.A. Ross
Two New Norditerpenoid Alkaloids from the Roots of *Delphinium ajacis*.
J. Nat. Products, 55 (6), 736-743 (1992).
- 39- **H.M. Sayed**, H.K. Desai, S.A. Ross and S.W. Pelletier
New Diterpenoid Alkaloids from the Roots of *Aconitum septentrionale*.
J. Nat. Products, 55 (11), 1595-1606 (1992).
- 40- **H.M. Sayed**, B.S. Joshi, S.A. Ross, H.K. Desai and S.W. Pelletier
Septatisine, Novel Diterpene Alkaloid from *Aconitum septentrionale*.
Can. J. Chem., 72, 100-104 (1994).
- 41- **H.M. Sayed**, S.A. El-Moghazy and M.S. Kamel

Chemical Constituents of Stems and Leaves of *Clematis purpurea var-hybrida*.

Indian J. of Chemistry, 34B, 1111-13 (1995).

- 42- **H.M. Sayed**, D.W. Bishay, S.A. Youssef and R.M. Abdel-Salam
Macro and Micromorphological Characters of *Aberia caffra*. Part I.
Bull. Pharm. Sci., Assiut Univ., 20 (2), 113-25 (1997).
- 43- **H.M. Sayed**, D.W. Bishay, S.A. Youssef and R.M. Abdel-Salam
Macro and Micromorphological Characters of *Aberia caffra*. Part II.
Bull. Pharm. Sci., Assiut Univ., 20 (2), 127-40 (1997).
- 44- **H.M. Sayed**, D.W. Bishay, S.A. Youssef and M.S. Kamel
Alkaloids from the Leaves of *Aberia caffra*.
Indian J. of Chemistry, 39B, 215-19 (2000).
- 45- **H.M. Sayed**, E.Y. Backeet and A.S. Ahmed
Phytochemical Study of the Constituents of the Leaves of *Ficus infectoria*
(Roxb).
Bull. Pharm. Sci., Assiut Univ., 24 (1), 21-27 (2001).
- 46- **H.M. Sayed**, M.H. Mohamed, S.F. Farag and G.A. Mohamed
Macro and Micromorphological Characters of *Cyperus rotundus* L.
Growing in Egypt.
Bull. Pharm. Sci., Assiut Univ., 24 (2), 211-33 (2001).
- 47- **H.M. Sayed**, M.H. Mohamed, S.F. Farag and G.A. Mohamed
Phytochemical and Biological Investigations of *Cyperus rotundus* L.
Bull. Fac. Pharm., Cairo Univ., 39 (3), 195-203 (2001).
- 48- **H.M. Sayed**, E.Y. Backeet, S.F. Farag and A.S. Ahmed
Flavonoids and Cyanogenic Glycosides from the Leaves and Stem Barks of
Prunus persica (L.) Patsch (Meet Ghamr) Peach Local Cultivar in Assiut
Region.
Bull. Pharm. Sci., Assiut Univ., 26 (1), 55-66 (2003).
- 49- **H.M. Sayed**, M.H. Mohamed, F.M.M. Darwish and A.M. Mohamed

Macro and Micromorphological of *Flacourtia cataphracta* (Roxb)
Cultivated in Egypt.

Bull. Pharm. Sci., Assiut Univ., 27 (1), 25-40 (2004).

- 50- **H.M. Sayed**, M.H. Mohamed, S.F. Farag, G.A. Mohamed, R. Ebel, O.R.M.
Omobuwajo and P. Proksch

Phenolics of *Cyperus alopecuroids* Rottb. Inflorescences and their
Biological Activities.

Bull. Pharm. Sci., Assiut Univ., 29 (1), 9-32 (2006).

- 51- **H.M. Sayed**, M.H. Mohamed, F.M.M. Darwish and A.M. Mohamed
Phytochemical and Biological Investigations of *Flacourtia cataphracta*
(Roxb.) Cultivated in Egypt.

Bull. Pharm. Sci., Assiut Univ., 29 (2), 371-87 (2006).

- 52- **H.M. Sayed**, M.H. Mohamed, S.F. Farag, G.A. Mohamed and Proksch
A New Steroid Glycoside and Furochromones from *Cyperus rotundus* L.

Nat. Prod. Research, 21 (4), 343-50 (2007).

- 54- **H.M. Sayed**, M.N. Samy, M.M. Bishr, A.A. Ahmad and M.S. Kamel
Macro and Micromorphology of Stem, Leaf, Flower and Root of *Tribulus*
terrestris L. Growing in Egypt

Assiut Univ. 6th Int. Pharm. Sci Conference, March (2008).

- 55- Wael M. Abdel-Mageed, Soad A. H. Bayoumi, Caixia Chen, Christopher J.
Vavricka, Li Li, Ajamaluddin Malik, Huanqin Dai, Fuhang Song, Luoqiang
Wang, Jingyu Zhang, George F. Gao, Yali Lv, Lihong Liu, Xueting Liu, fff
" Benzophenone C-Glucosides and Gallotannins from Mango Tree Stem
Bark with Broad-Spectrum Anti-Viral Activity " *Bioorg. Med. Chem.*,

Vol. 22, pp. 2236-2243, 2014,

<http://dx.doi.org/10.1016/j.bmc.2014.02.014>

- 56- Wael M. Abdel-Mageed, Soad A.H. Bayoumi, Awwad A. Radwan, Mounir
M. Salem-Bekhit, Sherif H. Abd-Alrahman, Omer A. Basudan, Hanaa M.
Sayed

" *Simmondsia Chinensis*: A Rich Source of Bioactive Flavonoids and Lignans " *Industrial Crops and Products*, Vol. 60, pp. 99-103, 2014,
<http://dx.doi.org/10.1016/j.indcrop.2014.06.007>

57- Mohamed A. El-Shanawany, Hanaa M. Sayed, Sabrin R. M. Ibrahim, Marwa A. A. Fayed

"New Nitrogenous Compounds from *Anisotes trisulcus* " *Z. Naturforsch.*, DOI: 10.5560/ZNC.2013-0116, Vol. 69c, pp. 209-218, 2014

58- Mohamed A. El-Shanawany, Hanaa M. Sayed, Sabrin R. M. Ibrahim, Marwa A. A. Fayed, Mohamed M. Radwan, Samir A. Ross

" A New Isoflavone from *Blepharis ciliaris* of an Egyptian Origin " *Med. Chem. Res.*, , Vol. 22, pp. 2346-2350, 2013

59- Ahamed A. Ali, Hanaa M. Sayed, Sabrin R.M. Ibrahim, Ahamed M. Zaher

"Chemical Constituents, Antimicrobial, Analgesic, Antipyretic, and Anti-Inflammatory Activities of *Euphorbia peplus* L. " *Phytopharmacology*, Vol. 4, No. 1, pp. 69-80, 2013

60- Mohamed A. El-Shanawany, Hanaa M. Sayed, Sabrin R. M. Ibrahim, Marwa A. A. Fayed

" Hydroxy Vasntine, A New Pyrroloquinazoline Alkaloids *Trisulcus* (Forssk) Nees " *J. Nat. Prod. Plant Resour*, Vol. 1, No. 4, PP.80-85, 2011

61- Hanaa M. Sayed¹, Mahmoud H. Mohamed², Salwa F. Farag, Gamal A. Mohamed², Olanrewaju R. M. Omobuwajo³, Peter Proksch⁴

" Fructose-amino Acid Conjugate and Other Constituents from *Cyperus rotundus* L. " *Natural Product Research*, vol. 22 - No. 17, pp. 1487 - 97, 2008