

# *Curriculum vita*

## **Dr. Nadia Abdel Aziz El Sebakhy**

### **Personal data:**

**Name** :Nadia Abdel Aziz El-Sebakhy  
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**Nationality** :Egyptian  
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### **Qualifications and Occupations:**

1. **B.Pharm & Pharmaceutical Chem.** (1967), Faculty of Alexandria, University of Alexandria.
2. **Master Degree in Pharm .Sci.** (1970), Faculty of Alexandria, University of Alexandria.
3. **Ph.D.Degree in Pharm.Sci.** (1974), Faculty of Alexandria, University of Alexandria.
4. **Demonstrator**, (1967-1970), Faculty of Alexandria, University of Alexandria.
5. **Assistant Lecturer**, (1970-1974), Faculty of Alexandria, University of Alexandria.
6. **Lecturer**, (1974-1980), Faculty of Alexandria, University of Alexandria.
7. **Associate Professor**, (1980-1985), Faculty of Alexandria, University of Alexandria.
8. **Professor of Pharmacognosy**, (Since December 1985-2006), Faculty of Alexandria, University of Alexandria.
9. **Head of Pharmacognosy Department**, Faculty of Pharmacy, University of Alexandria, (2003-2006).

### **Specialty, Research Associations and Visits**

1. Postdoctoral Fellowship, British Council, Bursay Award, university of Strathclyde, Glasgow, UK 1983.
2. Visiting Professor at Bierut Arab University, Faculty of pharmacy, Lebanon (1989, 1992-1996 & 2002).

### **Committees, Societies and Organizations:**

1. **Vice Chairman** and member (2001- 2004), Committee for Promotion of Assistant Professors of Pharmacognosy and Natural Products Chemistry (Egypt).
2. **Vice Chairman** and member (2004-present), Committee for Promotion of Professors of Pharmacognosy and Natural Products Chemistry (Egypt).
3. **Committee Member** for Graduate Studies (several terms).
4. **Committee Member** for the Pharmaceutical Society of Egypt.
5. **Committee Member** for the Syndicate of Pharmacists of Egypt.
6. **Committee Member** for the Syndicate of Pharmacists of Alexandria.
7. **Committee Member** for establishment of pharmacognosy department at Bierut Arab University, Faculty of Pharmacy, Lebanon (1989).
8. **Committee Member** for establishment of Pharmacognosy department at Effat College, Faculty of Pharmacy Jeddah, Saudi Arabia 1999 (aborted project).
9. **Committee Member** for continuous enhancement of Syllabi of Pharmacognosy department, Faculty of Pharmacy, University of Alexandria.
10. At the present time preparing to apply for a project from the European union (**TEMPUS**).

### **Regional Meetings:**

1. The 15<sup>th</sup> **Conference of Pharmaceutical Sciences**, Cairo (1977).
2. The 16<sup>th</sup> **Conference of Pharmaceutical Sciences**, Cairo (1978).
3. The 17<sup>th</sup> **Conference of Pharmaceutical Sciences**, Cairo (1982).
4. The 25<sup>th</sup> **Egyptian Conference of Pharmaceutical Sciences**, Cairo, (1996).
5. The 26<sup>th</sup> **Egyptian Conference of Pharmaceutical Sciences**, Cairo, (1998).
6. **Al-Azhar University Conference**, Cairo, (1998).
7. **Alexandria 2<sup>nd</sup> International Conference of Pharmaceutical Sciences**, University of Alexandria October, (2000).
- 8- FIP Conference Sept. (2001).

### **Thesis:**

1. Aya Asaad, **Master Thesis**, Department of Pharmacognosy, Faculty of Pharmacy, University of Alexandria (1977)
2. Aya Asaad **Ph.D. Thesis**, Department of Pharmacognosy, Faculty of Pharmacy, University of Alexandria (1983).
3. Maha Abou-El Ela, **Master Thesis**, Department of Pharmacognosy, Faculty of Pharmacy, University of Alexandria (1986).

4. Soad Toaima, **Master Thesis**, Department of Pharmacognosy of, Faculty of Pharmacy, University of Alexandria (1989)
5. Soad Toaima, **Ph. D. Thesis**, Department of Pharmacognosy of, Faculty of Pharmacy, University of Alexandria (1996).
6. Mohamed Radwan, **Master Thesis**, Department of Pharmacognosy, Faculty of Pharmacy, University of Alexandria (2000).
7. Mohamed Radwan, **Ph. D. Thesis** (2005).

Channel System at Virginia Polytechnic Institute and state University

Department of chemistry, Blacksburg, Virginia, U.S.A

8. Amr Mostafa El Haweit, **Master Thesis**, Department of Pharmacognosy, Faculty of Pharmacy, University of Alexandria (2006).

## LIST OF PUBLICATIONS

- 1- Nawal Sabri, Fawzy Hussein, and Nadia El-Sebakhy. "**Pharmacognostical study of the leaves and stems of *Aristolochia elegans***". *Egyptian J. Pharm. Sci.*, pp. 245-65 (1970).
- 2- Fawzy Hussein, and Nadia El-Sebakhy. "**Phytochemical investigation of the leaves of *Aristolochia elegans***". *Plants Medica*, 25, pp. 310-14 (1974).
- 3- Saad Khafagy and Nadia El-Sebakhy. "**Phytochemical investigation of the Roots of *Aristolochia elegans***". *Fifth Congress of Arab Pharmacists Union* 8-11 Nov., Kuwait, Proceeding, pp. 148 (1976).
- 4- Saad Khafagy and Nadia El-Sebakhy. "**Isolation of glycosidal material from *Astragalus trigonus* Dc.**". *Fifth Congress of Arab Pharmacists Union* 8-11 Nov., Kuwait, Proceeding, pp. 145 (1976).
- 5- Saad Khafagy and Nadia El-Sebakhy. "**Isolation of glycosidal material from *Astragalus spinosus vahl***". *Fifth Congress of Arab Pharmacists Union* 8-11 Nov., Kuwait, Proceeding, pp. 146 (1976).
- 6- Sawsan El-Masry, Nadia El-Sebakhy, Olfat Gabr And Saad Khafagy. "**Isolation and estimation of protopine in *Hypocoum aegyptiacum* (Forsk.) Asch & Schweif**". *Journal of African Medicinal Plants*, 2, pp. 103-8 (1979).
- 7- Abd-el-Azim Habib, Nadia El-Sebakhy and Hazim Kadry. "**New and simple methylene blue calorimetric assay for Glycyrhizin in pharmaceuticals**". *Journal of Pharma-ceutical Sciences*, (USA) 68, pp. 1221-1223 (1979).
- 8- Saad Khafagy, Nawal Sabri, Nadia El-Sebakhy, Blessington, B. and Aya Asaad. "**A C<sub>28</sub> Ecdysone-like substance from *Ajuga iva***". *Planta Medica*, 35, pp. 184-185 (1979).
- 9- Abd-el-Azim Habib and Nadia El-Sebakhy. "**Spectrophotometric estimation of sennosides and Rhein Glyco-sides in Senna and its preparations**". *Lloydia*, pp. 452 (1980).

- 10- Abd-el-Azim Habib and Nadia El-Sebakhy. "**Ent-Kaurane 16-17 Diol and (-) cubebin as natural product, from Aristolochia elegans**". *Die Pharmazie*, 36, pp. 4 (1981).
  
- 11- Saad Khafagy, Olfat Gabr and Nadia El-Sebakhy. "**Macro and Micromorphology of the leaves & roots of Hypecoum aegyptiacum (Forssk) Asch. And Schweinf**". *Egyptian J. Pharm. Sci.*, 19, pp. 109-111 (1978).
  
- 12- Saad Khafagy, Olfat Gabr and Nadia El-Sebakhy. "**Macro and Micormophology of the flowers and fruits of Hypecoum aegyptiacum (Forssk) Arch. And Schweeinf**". *Egyptian J. Pharm. Sci.*, 19, pp. 10-20 (1978).

- 13- Abd-el-Azim Habib and Nadia El-Sebakhy. "**Microestimation of retronecine ester alkaloids, of crotalaria**". *Egyptian J. Pharm. Sci.*, 19, pp. 71-76 (1978).
- 14- Saad Khafaghy, Nadia El-Sebakhy and Aya Assad. "**Isolation of a new Saponin Glycoside from Astagalus Alexandrinus Boiss**". *Egyptian J. Pharm Sci.*, 20, pp. 1-6 (1979).
- 15- Abd-el-Azim Habib and Nadia El-Sebakhy. "**Pharmacognostical study of the leaf and fruit of Aristolochia bracteata Retz**". *Bulletin of the Faculty of Pharmacy, Cairo University*, pp. 20-22 (1979).
- 16- Abd-el-Azim Habib and Nadia El-Sebakhy. "**Pharmacognostical study of the stem, underground stem and root of Aristolochia bracteata Rtez**". *Bulletin of the Faculty of Pharmacy, Cairo University* pp. 31-33 (1979).
- 17- Nadia El-Sebakhy. "**Investigation of the basic constituents of the leaves of Aristolochia elegans**". *Journal of African Medicinal Plants* 18 (1976).
- 18- Rashad I, Saleh, Nadia El-Sebakhy and Abd-el-Azim Habib. "**Pharmacognostical study of the flower of Aristolochia elegans Mast**". *Bulletin of the Faculty of Pharmacy, Cairo University* 25, pp. 12-14 (1976).
- 19- Nawal N. Sabri, Nadia A. El-Sebakhy, Aya M. Asaad and Saad M. Khafagy. "**Saponin Glycosides of Astragalus Tomonetosus Lam. and Astragalus Peregrinus Vohl**".  
*Bulletin of the Faculty of Pharmacy, Cairo University* 22, 1, pp. 59-68 (1983).
- 20- Nawal N. Sabri, Nadia A. El-Sebakhy, Aya M. Asaad and Saad M. Khafagy. "**Two Saponin Glycosides of Astragalus Boticus L.**". *Bulletin of the Faculty of Pharmacy, Cairo University* 23, 1, pp. 11-12 (1984).
- 21- Nadia El-Sebakhy and Peter Waterman. "**(-)(R,R)-7`-O-Methylcuspidaline from the Leaves of Aristolochia Elegans**". *Phytochemistry*, 23, 11, pp. 2705-2707 (1984).
- 22- Nadia El-Sebakhy and Peter Waterman. "**6-Oxocycloartan 3B, 16B diglucoside: A New**

- Cycloartane Diglucoside from Astragalus Trigonus". *Plants Medica*, 4, pp. 350-353 (1985).**
- 23- Ahmed A. Seif, Nadia A. El-Sebakhy and Maged G. El-Ghazouly. "**Methoxylted Flavonoides of Tanacetum Santolinoides and Jasonia Montana**". *Act. Pharm. Jogoslavia*, 35, pp. 283 (1985).
- 24- Nadia El-Sebakhy, Ahmed A. Seif El-Din and Mohamed A. Korany. "**First Derivative Spectrometric Determination of Quinine-Quinidine in Cinchona Liquid Extract**". *Journal Pharmaceutical Belgium*, 41, 4 pp. 222 (1986).
- 25- Nadia A. El-Sebakhy, Maged G. El-Ghazouly, Ahmed A. Seif and C. Zdero. "**A Heligangolide from Tanacetum Santolinoides**". *Die Pharmazie*, 41, H-7, pp. 525 (1986).

- 26- Nawal Sabri, Nadia El-Sebakhy, Aya Asaad and Saad Khafagy. "**Macro-and Micromorphological study of *Ajuga iva* L. Schreb part II**". Accepted for publication on 12/4/1984-proceeding of XVIII. *Egyptian Conference of Pharmaceutical Sciences* pp. 49 (1984).
- 27- Nawal Sabri, Nadia El-Sebakhy, Aya Asaad and Saad Khafagy. "**Macro-and Micromorphological study of *Ajuga iva* L. Schreb part I**". Accepted for publication on 15/6/1984-proceeding of XVIII. *Egyptian Conference of Pharmaceutical Sciences* pp. 48 (1984).
- 28- Abd-el-Azim Habib, Nadia El-Sebakhy and Maged G. El-Ghazouly. "**Estimation of Colchicine in Pharmaceutical by Difference Spectrometry**". *Bulletin of Faculty of Pharmacy, Cairo University*, 31, pp. 10-12 (1984).
- 29- Abd-el-Azim Habib, Nadia El-Sebakhy and Fikria A. Darwish. "**Macro-estimation of pyrrolizidine Alkaloids and their N-oxides**". *Bulletin of Faculty of Pharmacy, Cairo University*, pp. 31 pp.13-15 (1984).
- 30- Nadia A. El-Sebakhy and Naged El-Ghazouly. "**Macro-and Micro-morphological study of *phlomis Aurea* Decne (Lamiaceae) Part I**". *Egyptian J. Pharm. Sci.*, 27(1-4), pp. 123-138 (1986).
- 31- Nadia A. El-Sebakhy, Naged El-Ghazouly and Mohamed F. Lahloub. "**Macro-and Micromorphological study of *phlomis Aurea* Decne (Lamiaceae) Part II**". *Egyptian J. Pharm. Sci.*, 24(1-4), pp. 123-139 (1986).
- 32- Nadia A. El-Sebakhy and Nabila A. Gazy. "**Macro-and Micromorphological study of *Tanacetum Santolinoids* (Dc.) Fertig Part I**". *Egyptian J. Pharm. Sci.*, 27(1-4), pp. 153-166 (1986).
- 33- Nadia A. El-Sebakhy and Nabila A. Gazy. "**Macro-and Micromorphological study of *Tanacetum Santolinoids* (Dc.) Fertig Part II**". *Egyptian J. Pharm. Sci.*, 27(1-4), pp. 167-180 (1986).
- 34- Mohamed Lahloub, Nadia El-Sebakhy, Maged El-Ghazouly and Otta Sticher. "**5-Hydroxy-8-epiloganin Auroside : A new Iridoid from *phlomis AUrea***". Accepted for publication Sept. (1985); proceeding on 33<sup>rd</sup> Annual Congress of The Society of Medicinal Plant Research in Regensburg.



- 35- Maged El-Ghazouly, Nadia A. El-Sebakhy, Ahmed A. Saif El-Din, C. Zdero and F. Bohlmann. **"Sesquiterpene Xylosides from *Iphiaona Scarba*"**. *Phytochemistry*, 26(2) pp. 439-443 (1987).
- 36- Ahmed A. Saif El-Din, Nadia El-Sebakhy, Maha Abo El-Ela and Nawal Sabri. **"Macro-and Micromorphological Study of *Crucianella Maritima* L. Part I. The leaf stem and root"**. *Egyptian J. Phar. Sci.*, 28(1-4), pp. 281-294 (1987).

- 37- Ahmed A. Saif El-Din, Nadia El-Sebakhy, Maha Abo El-Ela and Nawal Sabri. "**Macro-and Micromorphological Study of *Crucianella Maritima* L. Part II. The flower and Fruit**". *Egyptian J. Pharm. Sci.*, 28(1-4), pp. 265-280 (1987).
- 38- Rokia Abdallah, Fathalla Harraz and Nadia El-Sebakhy "**Astragalus trigonus DC : Cytotoxicity Screening of its Cycloartane Diglucoside and Macro-and Micromorphology of the leaf, stem and Root *Astragalus spinosus***". *Alex. J. Pharm. Sci.*, 4(2), (1990).
- 39- Nadia A. EL-Sebakhy, Pascal Richomme, Soad Toaima and Maurice Shama. "**(-)-Temucinine, A new Bisbenzylisoquinoline alkaloid from *Aristolochia elegans***". *Journal of Natural Products*, 52, 6, 1374-1375 (1989).
- 40- Fahima Kassem, Nadia El-Sebakhy, Do Pooter H., Schamp N. and Hameda Abou-Shleib. "**Composition of the essential oil of Egyptian *Cupressus***". *Flavour and Fragrance Journal*, 6, 205-207 (1991).
- 41- Nadia El-Sebakhy, Fathalla Harraz, Rokia Abdallah, Aya Asaad, F. Orsini, F. Pelizoni, G. Sello and L. Verotta. "**Cycloartane Triterpene Glucosides from Egyptian *Astragalus* species**". *Phytochemistry*, 29, 10 pp. 3271-3274 (1990).
- 42- Rokia Abdallah, Nabilla Ghazy, Nadia El-Sebakhy, Angela Pirillo and Luisella Verotta. "**Astragalosides from Egyptian *Astragalus spinosus* Vahl.**". *Pharmazie*, 48, pp. 451-454 (1993).
- 43- Fulvia Orsini, Luisella Verotta, Luciano Barboni, Nadia El-Sebakhy, Aya Asaad, Rokia Abdallah and Soad Toaima. "**Cycloartan Triterpene Glycosides from *Astragalus Alexandrinus***". *Phytochemistry*, 35, 3, pp. 745-749 (1994).
- 44- Nadia El-Sebakhy, Aya Asaad, Rokia M. Abdallah, Soad Toaima, Maged Abdel-Kader and Frank R. Stermitz. "**Antimicrobial isoflavans from *Astragalus* species**". *Phytochemistry*, 36, pp. 1387-1389 (1994).
- 45- Verotta, Nadia El-Sebakhy, Aya Asaad, Rokia Abdallah and Soad Toaima. "**Cytoartane triterpene glycosides from *Astragalus trigonus***". *Phytochemistry*, 40, 6, p. 1755-1760 (1995).

- 46- Nadia A. El-Sebakhy, Aya Asaad, Rokia Abdallah and Soad Toaima, Francesca Pelizzoni, Luisella Verotta, G. Nicastro and Marco Tato. **"A minor cycloartan 3B, 16B diglucoside from Astragalus trigonus"**. *Gazzetta Chimica Italiana*, 126, pp. 657 (1996).
- 47- Nadia A. El-Sebakhy and Soad Toaima, Luisella Verotta, Marco Tato. **"Cycloartane triterpene glycosides from Astragalus sieberi"**. *Phytochemistry*, 48, 8, pp. 1403-1409 (1998).

- 48- Luisella Verotta, Marco Tato, Nadia El-Sebakhy and Soad Toaima. "**A cycloartane triterpine 3B, 16B diglucoside from Astragalus trigonus and its non natural 6-hydroxy epimer**". *Phytochemistry*, 49, 3, pp. 8455-852 (1998).
- 49- Verotta, L.; Guerrini, M.; El-Sebakhy, N.A., Asaad A.M., Toaima, S.M.; Abou-Sheer, M.E. Iuo, Y-De and Pezzuto, J.M. "**Cycloartane Saponins from Astragalus peregrinus as modulators of lymphocyte proliperation**". *Fitoterapia*, 72, 894 (2001).
- 50- Verotta, L. and El-Sebakhy, N.A. "**Cycloartane and Oleanane Saponins from Astragalus sp**". *Studies in natural products chemistry*, Atta-ur-Rahman (Ed.) 25, *El-Sevier Science B-V* (2001).
- 51- Verotta, L.; Geurrini, M.; El-Sebakhy, N.A., Asaad A.M., Toaima, S.M. and Radwan M.M. "**Cycloartane and oleanane saponins from Egyptian Astragalus spp. As Modulators of lymphocyte proliferation**". *Planta Med.* 68, pp. 986-994 (2002).
- 52- Mohamed M. Radwan, Afgan Frooq, Nadia A. El-Sebakhy, Aya M. Asaad, Soad M. Toaima and David G.I. Kingston. "**Acetals of three new cycloartane-type saponins Egyptian collections of Astragalus tomentosus**". *Nat. Prod.* 67, 487-490 (2004).
- 53- Mohamed M. Radwan, Nadia A. El-Sebakhy, Aya M. Asaad, Soad M. Toaima and David G.I. Kingston. "**Kahiricosides II-V, new cycloartane glycosides from an Egyptian collection of Astragalus kariricus**".  
*Phytochemistry*, 65, pp. 2909-2913 (2004).
- 54- Mohamed M. Radwan, Nadia A. El-Sebakhy, Aya M. Asaad, Soad M. Toaima and David G.I. Kingston. "**Triterpene glycosides from Astragalus tomentosus**". *International Natural Product Research Meeting, Phoenix, Arozona, USA*, (2004).
- 55- Soad M. Toaima, Mohamed M. Radwan, Aya M. Assad and Nadia A. El-Sebakhy. "**Cytotoxic Isoflavones from Calligonum comosum L'Her**". *Bulletin of the Faculty of Pharmacy*. In press (2007),
- 56- Soad M. Toaima, Amr M. El-Hawit, Aya M. Asaad and Nadia A. El-Sebakhy. "**Saponins and flavonoids of two Egyptian Astragalus sp.** *Alexandria J. Pharm. Sci.*, in press (2007).