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Nationality: Egyptian

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Education:

1. Ph.D.Degree in Pharm. Sci. (1996)' Department of Pharmacognosy Faculty of Pharmacy University of Alexandria.
2. Master Degree in Pharm . Sci (1990), Department of Pharmacognosy Faculty of Pharmacy University of Alexandria.
3. B.Pharm& Pharmaceutical sciences. Excellent (1983), Faculty of Pharmacy University of Alexandria.

Languages:

Arabic (Mother Tongue)

English (Excellent)

Working Experience:

- Vice dean of Graduate Studies and Research, Faculty of Pharmacy and Drug Manufacturing, Pharos University in Alexandria.
- Professor of Pharmacognosy, (since January 2008), Faculty of Pharmacy University of Alexandria.
- Associate Professor, (2002-2008), Department of Pharmacognosy Faculty of Pharmacy University of Alexandria.
- Lecturer, (1996-2002) , Department of Pharmacognosy Faculty of Pharmacy University of Alexandria.
- Assistant Lecturer, (1990 -1996), Department of Pharmacognosy Faculty of Pharmacy University of Alexandria.
- Demonstrator, (1983-1990), Department of Pharmacognosy Faculty of Pharmacy University of Alexandria.

Publications:

- 1- **Temuconine, A new Bisbenzylisoquinoline Alkaloid From *Aristolochia elegans*** . Nadia A. El-Sebakhy, Pascal Richomme, **Soad M. Toaima** and Maurice Shamma ,(-) -. *Journal of Natural Products*, 52(6), 1374 (1989).

- 2- **Cycloartane Triterpene Glycosides From *Astragalus Alexandrinus***.
Fuliva Orsini, Luisella Verotta, Luciano Barboni, Nadia A. El-Sebakhy, Aya M. Asaad, Rokia M. Abdallah and **Soad M. Toaima**. *Phytochemistry*, 35(3), 745 (1994).

- 3- **Antimicrobial Isoflavans From *Astragalus species***. Nadia A. El-Sebakhy, Aya M. Asaad, Rokia M. Abdallah **Soad M. Toaima**, Maged S. Abdel Kader and Frank R. Stermitz .
Phytochemistry, 36(6), 1387 (1994).

- 4- **Cycloartane Triterpene Glycosides From *Astragalus Trigonus***
Pierluigi, Gariboldi, Francesca Pelizzoni. Marco Tato. Luisella Verotta, Nadia A. El-Sebakhy, Aya M. Asaad. Rokia M. Abdallah and **Soad M. Toaima**.
Phylochemisry, 40(6), 1755 (1995).

- 5- **A minor cycloartane 3 β , 16 β -diglucoside from *Astragalus trigonus***. Francesca Pelizzoni, Luisella Verotta, Giuseppe Nicastro, Macro Tato, Nadia El-Sebakhy, Aya M. Asaad, Rokia M. Abdallah and **Soad M. Toaima** *Gazzetta Chimica Italiana*, 126, 657 (1996).

- 6- **Cycloartane Triterpene Glycosides From *Astragalus Sieberi***. Luisella Verotta, Marco Tato, Nadia A. El-Sebakhy and **Soad M. Toaima**
Phytochemistry, 48(8), 1403 (1998).

7- **A Cycloartane Triterpene 3 β , 16 β -diglucoside From Astragalus Trigonus And Its Non Natural 6-Hydroxy Epimcr.** Luisella Verotta, Fulvia Orsini, Marco Tato, Nadia A. El-Sebakhy and **Soad M. Toaima** *Phytochemistry*, 49(3), 845 (1998).

8- **Constituents Of Egyptian Astragalus Tribuloides Del.** Nadia A. El-Sebakhy, Aya M. Asaad, Rokia M. Abdallah **Soad M. Toaima**. Luisella Verotta and Fulvia Orsini. *Natural Product Sciences* 6(1), 11 (2000).

9- **Cycloartane Saponins From Astragalus Peregrinus As Modulators of Lymphocyte Proliferation.** Luisella Verotta, Marco Guerrini, Nadia A. El-Sebakhy, Aya M. Asaad, **Soad M. Toaima**, Mohamed E. Abou-Sheer, Ying-De Luo, John M. Pezzuto. *Fitoterapia* 72, 894 (2001).

Cycloartane and Oleanane Saponins from Astragalus kahiricus DC. and Astragalus hamosus L. Luisella Verotta, Marco Guerrini, Nadia A. El-Sebakhy, **Aya M. Asaad Soad M. Toaima** and Mohamed M. Radwan. World Congress of Pharmacy and Pharmaceutical Sciences 2001. 61 st. International Congress of FIP Singapore, 1–6 September (2001).

11- **Cycloartane And Oleanane Saponins From Egyptian Astragalus Species As Modulators Of Lymphocyte Proliferation.** Luisella Verotta, Marco Guerrini, Nadia A. El-Sebakhy, Aya M. Asaad, **Soad M. Toaima** Mohamed M. Radwan, Ying Deluo and John M. Pezzuto. *Planta Med.*, 68, 986 (2002).

12- **Flavonoidal Glycosides Of Some Astragalus species.**

Soad M. Toaima *Alex. J. Pharm. Sci.*, 16(2), 135 (2002).

13- **Minor Diterpenoids From The Roots Of Salvia Lanigera Growing In Egypt.** Maha A. Aboul-Ela, **Soad M. Toaima**, Nagwa S. El-Shaer and Abdallah M. El-Lakany. *Alex. J. Pharm. Sci.*, 16(2), 139 (2002).

14- **Effect of Hormone Sequential Supplement on Somatic Embryogenesis Induction, Volatile oil Production and Plant Regeneration Via Hypocotyl Culture in Thymus vulgaris L.** Fathy K. El-

Fiky, **Soad M. Toaima** and Kaieab Asres. *Alex. J. Pharm. Sci*, 17(2), 109 (2003).

- 15- **Kahiricosides II-V, cycloartane glycosides from an Egyptian Collection of Astragalus kahiricus.** Mohamed M. Radwan, Nadia A. El-Sebakhy, Aya M. Asaad **Soad M. Toaima** and David G.L Kingston. *Phytochemistry*, 65, 2909 (2004)
- 16- **Acetals of Three New Cycloartane-Type Saponins from Egyptian Collections of Astragalus tomentosus.** Mohamed M. Radwan, Afgan Farooq, Nadia A. El-Sebakhy, Aya M. Asaad. **Soad M. Toaima** and David G.I. Kingston. *Journal of Natural Products*, 67, 487 (2004).
- 17- **(-)-Amarbellisine, a lycorine-type alkaloid from Amaryllis belladonna L. growing in Egypt.** Antonio Evidente, Anna Andolfi, Amina H. Abou-Donia **Soad M. Toaima**, Hala M. Hammoda. Eman Shawky and Andrea Motta. *Phytochemistry*, 65, 2113 (2004).
- 18- **Phytochemical and Biological Studies of Amaryllis belladonna L. Cultivated in Egypt.** Amina H. Abou-Donia, **Soad M. Toaima**, Hala M. Hammoda and Eman Shawky *Alex. J. Pharm. Sci.*, 19(2), 147 (2005).
- 19- **Determination of Rutin in Amaryllis belladonna L. Flowers by HPTLC and Spectrophotometry.** A.H. Abou-Donia, **Soad M. Toaima**, H.M. Hammoda and E. Shawky *Chromatographia* 64,109 (2006).
- 20- **Cytotoxic Isoflavones From Calligonum comosum L'Her** **Soad M. Toaima**, Mohamed M. Radwan, Aya M. Asaad and Nadia A. El-Sebakhy. *Bull. Fac. Pharm. Cairo Univ.*, 45(1), 171 (2007).
- 21- **New Rapid Validated HPTLC Method for the Determination of Lycorine in Amaryllidaceae**

Plants Extracts. A.H. Abou-Donia, **Soad M. Toaima**, H.M. Hammoda and E. Shawky. *Chromatographia* 65, 497 (2007).

- 22- **Alkaloidal Constituents of *Pancreatium tortuosum*.** *Soad M. Toaima. Alex. J. Pharm. Sci. Set*, 21(1), 63 (2007).
- 23- **Phytochemical and Biological Study of the Roots of *Astragalus peregrinus* Vahl Grown in Egypt.** *Soad M. Toaima. Alex. J. Pharm. Sci.*, 21(2), 152 (2007).
- 24-- **Spinocoumarin I, a new coumarin derivative from *Astragalus spinosus* Forssk.** Mohamed M. Radwan. Nadia A. El-Sebaky. Aya M. Asaad **Soad M. Toaima**, and David G.I. Kingston. *Natural Product Communications*, 2(9), 919 (2007).
- 25- **Phytochemical and biological investigation of *Hymenocallis littoralis* Salsib.** Amina H. Abou-Donia, **Soad M. Toaima**, Hala M. Hammoda, Eman Shawky, Eri Kinoshita and Hiromitsu Takayama. *Chemistry and Biodiversity*, 5, 332 (2008).
- 26- **New rapid validated HPLC method for the determination of Galanthamine in Amaryllidaceae plant extracts.** Amina H. Abou-Donia, **Soad M. Toaima**, Hala M. Hammoda , Eman Shawky. *Phytochemical Analysis*, 19, 353 (2008).
- 27- **Bioactivity-Directed Fractionation of *Narcissus cv. Breath of Spring* for the isolation of Acetylcholinesterase Inhibitory Alkaloids .** Amina H. Abou-Donia, **Soad M. Toaima**, Hala M. Hammoda , Eman Shawky. - 1st Euro-Mediterranean Conference for Marin and Natural Products. Sharm El-Sheikh, 31 October – 4 November (2008).
- 28- **Four Cycloartane Saponins from the Roots of *Astragalus Kohiricus* DC. and a validated HPLC Method for Quantitative Determination of Cycloartan Saponins in the Dried Alcoholic Plant Extracts.** Nadia El Sebaky, Aya Assad, , **Soad M. Toaima**. Mohamed Radwan and Dina Selim. The 2009 AAPS Annual Meeting and Exposition, November 8-

12(2009) in Los Angeles, California, USA.


- 29- **Chemical constituents from *Astragalus annularis* Forssk. and *A. trimestris* L., Fabaceae.** Amr M. El-Haweit, **Soad M. Toaima**, Aya M. Asaad, Mohamed M. Radwan and Nadia A El-Sebakhy. *Brazilian Journal of Pharmacognosy*, accepted 29 April, (2010).
- 30- **Acetylcholinesterase inhibitory activity of some Amaryllidaceae plant extracts and their alkaloidal isolates.** H. M. Hammoda, A. H Abou Donia, **Soad M. Toaima** and E. Shawky, *Alex. J. Pharm. Sci.*, 25, 37 (2011)..
- 31- **Hepatoprotective effects of *Astragalus kahiricus* root extract against ethanol- induced liver apoptosis in rats.** Rasha M. Allam¹, Dina A. Selim, Asser I. Ghoneim, 4, Mohamed M. Radwan Salwa M.Nofal¹, Amani E. Khalifa , Ola A. Sharaf¹ **Soad M. Toaima**, Aya M. Asaad Nadia A. El-Sebakhy *Chinese Journal of Natural Medicines.*, 11(4): 354–361 (2013)
- 32- **A new approach to develop a standardized method for assessment of acetylcholinesterase inhibitory activity of different extracts using HPTLC and image analysis .**Amina H. Abou-Donia, Fikria A. Darwish, **Soad M. Toaima** Eman Shawky Sarah S. Takla. [Journal of Chromatography BVolumes 955–956](#), 1 April 2014, Pages 50–57
- 33- ***In vitro* cytotoxicity of some *Narcissus* plants extracts**, Eman Shawky, Amina H. Abou-Donia, Fikria A. Darwish **Soad M. Toaima** Sarah S. Takla, Mahmoud Mohamed Al Asaar, *Natural Product Research*, , 29 (2014), 363-365.
- 34- **HPTLC and GC-MS Study of Amaryllidaceae Alkaloids of Two *Narcissus* species**, Eman Shawky, Amina H. Abou-Donia, Fikria A. Darwish **Soad M. Toaima**, Sarah S. Takla, Natalia B. Pigni, Jaume Bastida, *Chemistry & Biodiversity*, 12 (2015):1184-99.

Conferences and workshops

- Alexandria 1st Egyptian-British Conference (1988)
- Alexandria 2nd International Conference of Pharmaceutical Sciences University of Alexandria (2000).
- Attendance of Ethical and Social Responsibilities in Science and Technology. A International Conference organized by Bibliotheca Alexandrina and MURS International, Alexandria, 19-21 October, 2002
- Alex Biovision Conference organized by Bibliotheca Alexandria (2006)
- The **2009 AAPS Annual Meeting and Exposition**, November 8-12(2009) in Los Angeles, California, USA. **Four Cycloartane Saponins from the Roots of Astragalus Kahiricus DC. and a validated HPLC Method for Quantitative Determination of Cycloartan Saponins in the Dried Alcoholic Plant Extracts.** Nadia El Sebakhy, Aya Assa Soad M Toaima. Mohamed Radwan and Dina Selim.
- World Congress of Pharmacy and Pharmaceutical 2001. 61st International Congress of FIP Singapore, 1-6 September (2001). **Cycloartane and Oleanane Saponins from Astragalus kahiricus DC. and Astragalus hamosus L.** Luisella Verotta, Marco Guerrini, Nadia A. El-Sebakhy, Aya M. Asaad, Soad M.Toaima and Mohamed M. Radwan.
- Alex Biovision Conference organized by Bibliotheca Alexandria (2014)
- **First PUA International Conference on Advances in Pharmaceutical Sciences** ٢٠١٥/١٠/٢٩

Thesis Supervision

- 1- Mohamed Radwan, **Master Thesis**, Department of Pharmacognosy, Faculty of Pharmacy, University of Alexandria (2002).
- 2- Mohamed Radwan, **Ph.D. Thesis** (2005). Channel System at Virginia Polytechnic Institute and State University, Department of Chemistry, Blacksburg, Virginia, U.S.A.
- 3- Eman Shouky, **Master Thesis**, - "Phytochemical investigation of some plants belonging to family Amaryllidaceae", M.Pharm. Sci Department of Pharmacognosy, Faculty of Pharmacy, University of Alexandria (2005).
- 4- Eman Shouky, **Ph.D. Thesis**, Phytochemical investigation of some plants belonging to family Amaryllidaceae", Department of Pharmacognosy, Faculty of Pharmacy, University of Alexandria (2008).
- 5- Amr Mostafa El Haweit, **Master thesis**, Department of Pharmacognosy, Faculty of Pharmacy, University of Alexandria (2006).
- 6- Dina Selem, **Master Thesis**, Department of Pharmacognosy, Faculty of Pharmacy, University of Alexandria (2009).

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- 7- Mohamed Aoud, **Master Thesis**, Department of Pharmacognosy, Faculty of Pharmacy, University of Alexandria.
- 8- Sara shaker, **Master Thesis**, Department of Pharmacognosy, Faculty of Pharmacy, University of Alexandria. (2014).
- 9-Alaa el banna, **Master Thesis**, Department of Pharmacognosy, Faculty of Pharmacy, University of Alexandria(2013).