

CURRICULUM VITAE



Name : Prof. Dr. Aly Mostafa Mohamed Metwally.
Born : July 29, 1940 (Dakahleya, Egypt).
Nationality : Egyptian
Marital Status : Married; two sons; five grand-sons and daughters.
Present Occupation: Emeritus Professor of Pharmacognosy, Faculty of Pharmacy, University of Alexandria.

Qualifications :

- 1- Bachelor of Pharmacy and Pharmaceutical Chemistry (June, 1961).
 - 2- Master Degree in Pharmacy (Pharmacognosy) (28/8/1966).
 - 3- Ph. D. Degree in Pharmacy (Pharmacognosy) (23/4/1969).
- All from University of Alexandria.

Positions Held :

- 1- Demonstrator, Department of Pharmacognosy, Faculty of Pharmacy, University of Alexandria (24/10/1961).
- 2- Lecturer in the same department (24/6/1969).
- 3- Assistant Professor in the same department (25/6/1974).
- 4- Senior Lecturer in Faculty of Biological and Pharmaceutical Sciences, University of Nigeria, Nsukka, Nigerai (1977-1980).
- 5- Professor of Pharmacognosy in Faculty of Pharmacy, University of Alexandria (28/4/1981-31/7/2000).
- 6- Head, Department of Pharmacognosy, Faculty of Medicine and Health Sciences, University of Sana'a, Yemen (1989-1993).
- 7- Head, Department of Pharmamcognosy, University of Alexandria (13/10/1993-12/10/1996 and 1/8/1997-31/7/2000).
- 8- Emeritus Professor of Pharmacognosy, Faculty of Pharmacy, University of Alexandria since 1/8/2000 to date.

Teaching Experience :

- 1- Theoretical and practical courses in Pharmacognosy and Phytochemistry for Undergraduate Pharmacy Students.
- 2- Special Courses for Postgraduate Pharmacy Students [for M. Pharm. Sci. and Ph. D].
- 3- Visiting Professor in Universities of Khartoum, Sana'a and Beirut Arab University.

Professional activity :

Research Consultant in Pharco Corporation for Pharmaceutical Industries, Alexandria, 2000-2009.

Research Activity :

- 1- Supervision of many graduates for M. Pharm. Sci. and Ph. D. resulting in publishable materials.

Theses supervised and awarded during the last 10 years:

Name of Candidate	Registered for/ Date	Awarded the degree in
Reham Said Ibrahim Abdel Kader	M Sc 15/1/2007	8/11/2010
Samah Mostafa Elsohafy	Ph D 8/9/2008	14/11/2013
Reham Said Ibrahim Abdel Kader	Ph D 14/2/2011	23/9/2014
Assmaa Khairy Abdelmawla	M Sc December 2016	August 2019
Hend Mohamed Aly Dawood	Ph D May 2016	October 2019

- 2- Research interests in isolation, identification and quantification of bio-active constituents from herbal medicines and poisonous plants.
- 3- Many publications (about 45) in learned journals.

Membership of Committees:

- 1- Head, Scientific Committee of Pharmaceutical Sciences (Pharmacognosy) for Promotion to assistant-Professorship, 2001-2004.

2- Scientific Committee of Pharmaceutical Sciences (Pharmacognosy)
for Promotion to Professorship, 2004 – 2007.

LIST OF SOME SELECTED PUBLICATIONS

- 1. Phytochemical study of *Nicotiana glauca* R. Grah. grown in Egypt.**
S. M. Khafagy and A. M. Metwally.
J. Pharm. Sci. U. A. R. **9**, 83 (1968).
- 2. Isolation of a crystalline sesquiterpenic keto-lactone from *Xanthium occidentale*.**
S. M. Khafagy and A. M. Metwally.
Planta Medica **18**, 318 (1970).
- 3. A new sesquiterpene keto-lactone from *Senecio*.**
A. M. Habib and A. M. Metwally.
Planta Medica **23**, 88 (1973).
- 4. Isolation of two flavonoidal principles from *Urospermum picroides*.**
A. M. Metwally, M. R. I. Saleh and M. M. A. Amer.
Planta Medica **23**, 94 (1973).
- 5. Sterols and triterpene alcohols from rice bran oil.**
A. M. Metwally, A. M. Habib and S. M. Khafagy.
Planta Medica **25**, 68 (1974).
- 6. Phytochemical investigation of *Xanthium spinosum* L.**
A. M. Metwally, S. M. Khafagy and S. F. El-Naggar.
Die Pharmazie **29**, 407 (1974).
- 7. A further approach to quantitative determinations by thin-layer chromatography.**
A. M. Metwally.
Die Pharmazie **30**, 92 (1975).
- 8. Fixed oils from the seeds of certain citrus plants cultivated in Egypt.**
A. M. Metwally and S. M. Khafagy.
Planta Medica **27**, 242 (1975).
- 9. Isolation of three lactones from *Onopordon alexandrinum*.**
S. M. Khafagy, A. M. Metwally and A. A. Omar.
Die Pharmazie **32**, 123 (1977).
- 10. An investigation into the reliability of the microcrystal test for alkaloids in mixtures.**
A. M. Metwally and A. M. Habib.
J. Pharm. and Med. Sci. **3**, 89 (1979).
- 11. Sesquiterpene lactones from *Varthemia candicans*.**

- S. M. Khafagy, A. M. Metwally, M. G. El-Ghazooly and S. F. El-Naggar.
Planta Medica **37**, 75 (1979).
- 12. A new eudesmanolide from *Senecio aegyptius*.**
 A. M. Habib and A. M. Metwally.
Scientia Pharmaceutica **48**, 213 (1980).
- 13. Methoxylated flavonols and flavanones from *Eupatorium odoratum*.**
 A. M. Metwally and E. C. Ekejiuba.
Planta Medica **42**, 403 (1981).
- 14. Xanthanolides from *Xanthium spinosum*.**
 A. A. Omar, E. M. Elrashidy, N. A. Ghazy, A. M. Metwally,
 J. Ziesche and F. Bohlman.
Phytochemistry **23**, 915 (1984).
- 15. *Eucalyptus* leaves as a bioindicator of industrial pollution in Kafr El-Zayat, Egypt.**
 H. H. Baghdadi, S. H. Helmi, G. A. Salem and A. M. Metwally.
 Proceedings of Regional Symp. Environ. Stud. (UNARC),
 Alexandria (1990).
- 16. Constituents of the essential oil from *Cymbopogon proximus* var. *sennarensis*.**
 H. L. De Pooter, H. H. Baghdadi, N. M. El-Sayed and A. M. Metwally.
Communications in Science and Development Research **34**, 153 (1991).
- 17. Quantification of flavonoids of *Psidium guajava* L. preparations by Planar Chromatography (HPTLC).**
 S. M. El Sohafy, A. M. Metwally, F. M. Harraz and A. A. Omar.
Pharmacognosy Magazine, **4**, 59 (2009).
- 18. Monograph of *Psidium guajava* L. leaves.**
 A. M. Metwally, A. A. Omar, N. M. Ghazy, F. M. Harraz, and S. M. El Sohafy.
Pharmacognosy Journal **3** (21), 89 (2011).
- 19. Cornigerin, A new lignan from the hepatoprotective active fractions of *Cynara cornigera*.**
 A. M. Metwally, A. A. Omar, M. E. Amer, M. I. Abou Shoer, S. A. El Toumy,
 Mohamed M. Radwan, Mahmoud A. ElSohly, S. M. El Sohafy.
 12th Annual Oxford International Conference on the Science of Botanicals (ICSB)
 2013, University of Mississippi, University, MS, USA.
 An abstract published in *Planta Medica*, **79**, 392 (2013).
- 20. Evaluation of the hepatoprotective activity of some plants belonging to the tribe Cynareae growing in Egypt.**
 Samah M. El Sohafy, Saleh I. Alqasoumi, Aly M. Metwally, Abdallah A. Omar,
 Masouda M. Amer, Mohammed I. Abou Shoer, S. A. El Toumy and Maged S.
 Abdel-Kader.

21. Isolation of eleven phenolic compounds from propolis (bee glue) collected in Alexandria, Egypt.

Reham S. Ibrahim, Amira S. Wanas, Ahmed A. Seif EL-Din, Mohamed M. Radwan, Mahmoud A. Elsohly, and Aly M. Metwally.

2014 Annual Meeting of the American Society of Pharmacognosy Held in conjunction with the 14th Oxford International Conference on the Science of Botanicals Oxford, MS, USA.

An abstract published in *Planta Medica*, 80, 810 (2014).

22. Integrated in silico - in vitro strategy for screening of some traditional Egyptian plants for human aromatase inhibitors

Hend M. Dawood, Reham Said Ibrahim, Eman Shawky, Aly Metwally.

Journal of Ethnopharmacology (2018).

23. Digitally-optimized HPTLC coupled with image analysis for pursuing polyphenolic and antioxidant profile during alfalfa sprouting.

Reham Said Ibrahim, Asmaa Khairy, HalaZaatout, Hala Hammoda, Aly Metwally

Journal of Chromatography B (2018).

24. GC-MS analysis and antioxidant activity of volatiles from *Pluchea dioscoridis* (L.) DC.

Reham S. Ibrahim*, Ahmed A. Seif El-Din, Maha A. Abou-El-Ela, Aly M. Metwally

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