

CIRICULUM VITAE

For Prof. Dr. Makboul Ahmed Makboul

Professor of Pharmacognosy and Vice Dean Faculty of Pharmacy,
Assiut University, Egypt

Name: Makboul Ahmed Makboul
Date of Birth: 1/2/1947
Birth Place: Kena-Egypt
Present Job: Professor of Pharmacognosy and Vice Dean for Higher
Studies and Research, Faculty of Pharmacy, Assiut
University, Assiut Egypt.
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Experiences:

- 1- Vice Dean for Higher researches, Faculty of Pharmacy, Assiut University, from 2002 till now.
- 2- Professor of Pharmacognosy and Phytochemistry Faculty of Pharmacy, Applied sciences University, Amman, Jordon from 1995-2001.
- 3- Vice Dean for student affairs, Faculty of Pharmacy, from: 24-10-1992 till 1994.
- 4- Head of Pharmacognosy Dept., from: 20-4-1992 till 24-10-1992.
- 5- Professor of Pharmacognosy from 29-11-1990 till now.
- 6- Associate professor of Pharmacognosy from August 1985 till Nov. 1990.
- 7- Visitor Assistant research professor in Pharmacognosy Dept., Faculty of Pharmacy, Pittisburgh University, Pittisburg, USA from Sept. 1984 till Jul. 1985.
- 8- Assistant Profeessor in Pharmacognosy Dept., from June 1980 till August 1985.
- 9- Assistant lecturer in Pharmacognosy Dept., from Dece. 1975 till June 1980.

- 10- Demonstrator in Pharmacognosy, Dept., Faculty of Pharmacy, Assiut University from: Oct. 1970 till Dec. 1975.
- 11- He was a member of the Permanent Committee of Pharmaceutical Science, 2001 and he was its organizer in 2004 till now.

Certificates:

- 1- Bachelor of Pharmaceutical Sciences and medicinal Chemistry in May 1970 with excellent grade of honour.
- 2- Master of Pharmaceutical Sciences (Pharmacognosy) in 1975, The thesis entitled "Pharmacognostical Study of *Duranta repens* L. Cultivated in Egypt".
- 3- Philosophy Degree in Pharmaceutical sciences "Pharmacognosy" Ph.D., in June 1980, The thesis entitled "Pharmacognostical study of some *Astragalus* species grown in Baikal, USSR".

Conferences:

- 1- Egyptian Pharmaceutical conferences nearly in all years.
- 2- The Pan-Arab Pharmaceutical conference Cairo-Egypt, November 1974.
- 3- Second Inter-African Symposium on Traditional Pharmacopoeia and African Medicinal Plants, Cairo-Egypt July 1975.
- 4- The first National Symposium on Herbal Medicine, Faculty of Pharmacy, Assiut University, 1992.
- 5- Herbal medicine Conference held in Applied Sciences University, Amman-Jordan, 1997.
- 6- Al-Azhar International Conference, held in Cairo two successive years 2001, 2003.
- 7- Assiut University Pharmaceutical Conference, Held in Faculty of Pharmacy, Assiut University, the years 1999, 2001, 2003.

Teaching Experiences:

- 1- Teaching the undergraduate Pharmacy students the courses of Chemistry of Natural Products and the courses of Medicinal Plants.
- 2- Teaching the Pharmacy graduate students the courses of advanced Pharmacognosy, Isolation, identification and structure elucidation of medicinally active constituents in medicinal plants, screening of the active constituents medicinal plants.

Theses Supervision:

The following theses have been supervised with the following titles:

- 1- Study on some plants of both Family Labiataae (Lamiaceae) and compositae Growing in Egypt (M.H.H.Assaf, Assiut University, 1980), completed.
- 2- Pharmacognostical study of *Hibiscus sabdariffa* (Family Malvaceae) and *Panocratium maritimum* (Family Amaryllidaceae) Cultivted in Egypt, (D.T. Aly. Assiut University, 1988), completed.
- 3- Pharmacognostical study of *Euphorbia heterophylla* Family Euphorbiaceae (S.F. Farag, Assiut University, 1990), completed.
- 4- Pharmacognostical study of *Barleria prionitis* and *Barleria cristata* L. Family Acanthaceae growing in Egypt. (A.S. Ahmed, Assiut University, 1990), completed.
- 5- A Phytochemical study of *Wedelia prostrata* hook edt arn. (hemst.) Family Compositae, Cultivated in Egypt (S.F. Farag, Assiut University, 1996), completed.
- 6- Chemical Canstituents of *Grevillea robusta* cultivated in Egypt and their inhibitory activity against hiv-1 protease (A.S. Ahmed, Assiut University, 1997), completed.

- 7- Pharmacognostical study of *Calliandra haematocephala* Hassk., Faboaceae cultivated in Egypt (M.M. Magdy, Assiut University, 2004), completed.
- 8- Pharmacognostical study of *Cassia glauca* Lam Family Fabaceae Cultivated in Egypt (E.A. Mahmoud).

Theses Examination:

- 1- Member of Jury Committeae of the thesis entitled “Study on some plants of both Family Labitae and Compositae Growing in Egypt” (M.H.H. Assaf, Ph.D., Assiut University, 1989).
- 2- Member of the Jury Committeae of the thesis entitled “Pharmacognostical study of *Hibiscus sabdariffa* (Fmily Malvaceae and Pncratium mritimum (Family Amaryllidaceae) Cultivated in Egypt“ (D.T. Aly, M.Sc., Assiut University, 1988).
- 3- Member of Jury committeae of the thesis entitled “Pharmacognostical study of *Euphorbia heterophylla* Family Euphorbiaceae” (S.F. Farage, M. Sc., Assiut University, 1990).
- 4- Member of the Jury committeae of the thesis entitled “Pharmacognostical study of *Barleria prionitis* and *Barleria cristata* Family Acanthceae growing in Egypt” (A.S. Ahmed M. Sc., Assiut University, 1990).
- 5- Member of the Jury Committeae of the thesis entitled “A Phytochemical study of *Wedelia prostrata* hook edt arn. (hemst.) Family Compositae, Cultivated in Egypt” (S.F. Farag, Assiut University, 1996).
- 6- Member of the Jury Committeae of the thesis entitled “Chemical Canstituents of *Grevillea robusta* cultivated in Egypt and their inhibitory activity against hiv-1 protease” (A.S. Ahmed, Assiut University, 1997).

- 7- Member of the Jury Committee of the thesis entitled “Pharmacognostical study of *Calliandra haematocephala* Hassk., Fabaceae cultivated in Egypt” (M.M. Magdy, Assiut University, 2004).
- 8- Member of the Jury Committee of the thesis entitled “Pharmacognostical study of *Cassia glauca* Lam Family Fabaceae Cultivated in Egypt” (E.A. Mahmoud).

Memberships:

- Member in the permanent Scientific Committee for Associate Professor Promotion.
- Member in the Egyptian Pharmaceutical Association.
- Member in the American Association of Pharmacognosy.
- Member in the Egyptian Pharmacist Syndicate.
- Member of Assiut University Staff member.
- Faculty Staff Supervisor of the students Social Activities.

Courses Administered Through the Graduate Period Before Ph.D.

A. General courses:

1- Instrumental Methods of Analysis:

- NMR
- IR
- UV
- Chromatography
- Mass Spectroscopy.
- Polarography.
- Conductometry.

2- Physical chemistry:

- Colloids.
- Kinetics, half lives and order of reactions.

- Phase rule and phase diagram.

- Thermodynamics.

3- Statistics and Mathematics:

- Central tendency.

- Least square line and parabola

- Probability.

- Degree of confidence.

- Regression and correlation coefficient.

B. Special course:

1- Isolation, identification and structure elucidation of medicinal plant constituents.

2- Screening of active medicinal plant constituents.

List of Publications:

1- M. A. Makboul, Phytochemical Screening of *Duranta repens* L. Cultivated in Egypt. Presented in "Pan-Arab Pharmaceutical Conference", Cairo Egypt, October 29- 1st November, (1974).

2- M.A. Makboul, Alkaloids and Flavonoids of *Duranta repens* L. Cultivated in Egypt. Presented in "Second Inter-African Symposium on Traditional Pharmacopoeia and African Medicinal Plants", Cairo-Egypt, 7-12 July, (1975).

3- M.A.Makboul, Macro-and Micromorphology of the leaves and stems of *Duranta repens* L. Cultivated in Egypt., Presented in "Second Inter- African Symposium on Traditional Pharmacopoeia and African Medicinal Plants", Cairo-Egypt, 7-12 July, (1975).

4- M.A.Makboul, Macro-and Micromorphology of flowers and fruits of *Duranta repens* L. Cultivated in Egypt., Presented in "Second Inter-African Symposium on Traditional Pharmacopoeia and African Medicinal Plants", Cairo - Egypt, 7-12 July, (1975).

- 5- M.A.Makboul Flavonoids of *Astragalus melilotoidus* Pal growing in USSR, "Khim. Perirod.Soedinin. (USSR), No. 1, 725 (1979).
- 6- M.A.Makboul, Flavonoids of *Astragalus frigidus* L. growing in USSR, "Khim. Perirod. Soedinin. (USSR), No. 2,252, (1980).
- 7- M.A.Makboul, Macro - and Micromorphology of *Duranta plumerie* Jacq. Cultivated in Egypt., "Bull. Pharm. Sci. Assiut Universty "Vol. 4, 32 (1981).
- 8- M.A.Makboul, Flavonoids of *Duranta Plumerie* Jacq. Cultivated in Egypt, "Fitoterapia", Vol. 11, No. 5, 219, (1981).
- 9- M.A.Makboul, Microchemical Identifiation of *Sophora* Alkaloids, "Bull. Pharm. Sci. Assiut Univer.", Vol. 5, 143, (1982).
- 10- M.A.Makboul, Pharmacognostical study of *Sophora secuniflora* (Orteg.) Lag. Cultivated in Egypt., "Bull. Pharm. Sci. Assiut Univer.", "Vol. 5, 129, (1982).
- 11- M.A.Makboul, "Leaf Alkaloids of *Sophora secundiflora* (Orteg) Lag. Cultivated in Egypt., "J.African Medicinal Plants.", (in press).
- 12- M.A.Makboul, Pharmacognostical study of *Avicennia officinalis* L. growing in Egypt., "Bull. Pharm. Sci. Assiut Univer.", Vol. 6, No. 2, 399, (1983).
- 13- M.A.Makboul Flavonoids of *Sophora secundiflora* (Orteg) Lag. Cultivated in Egypt., "Fitoterapia", Vol. 2, 105, (1984).
- 14- M.A.Makboul, Pharmacognostical study of *Tecoma chrysotricha* Mart. Cultivated in Egypt., "Bull. Pharm. Sci. Assiut Univer.", Vol. 7, No. 1, 159 (1984).
- 15- M.A.Makboul, Flavonoids of *Tecoma argentea* Ber. & Schum. Cultivated in Egypt., "Bull. Pharm. Sci. Assiut Univer. ", Vol, 7, 1, 190 (1984).
- 16- M.A.Makboul, Pharmacognostical study of *Avicennia officinalis* L. growing in Egypt, Part 11. Flavonoids and Lipid present in the leaves., Presented in XV11

- "Egyptian Conference of Pharmaceutical Sciences", Feb. 23-27, Cairo Egypt, 91984).
- 17- M.A.Makboul, Growth and Sesquiterpene Lactones of *Chrysanthemum carinatum* Var. Tricolor Andr. affected by Nitrogen and Phosphorous application., "Presented in XV111 Egyptian Conference of Pharmaceutical Sciences", Feb. 23-27, Cairo- Egypt, (1984).
 - 18- M.A.Makboul, study of the Lipid and Flavonoid contents of *Astragalus cremophilos* Boiss. growing in Egypt, "Bull. Pharm. Sci. Assiut Univer., Vol. 7, No. 2, 380, (1984).
 - 19- M.A.Makboul, Sparteine and 13-hydroxy sparteine from leaves of *Sophora secundiflora* (Orteg) Lag. Cultivated in Egypt., "Bull. Pharm. Sci. Assiut Univer., Vol. 8, No. 1, 99 (1985).
 - 20- M.A.Makboul, Chemical study of *Verbena officinalis* L. growing in Egypt. "Fitoterapia", Vol. VII, No. 1, 50, (1986).
 - 21- M.A.Makboul Constituents of the Essential Oil of *Egyptian marjoram*, "Bull. Fac. of Sci. Assiut Univer., Vol. 15, No. 1, 79 (1986).
 - 22- M.A.Makboul Sesquiterpeme lactones of *Artemisi argentea*, "Phytochemistry", Vol. 26, No. 1, 314, (1987).
 - 23- M.A.Makboul Essential Oil of *Pulicaria undulata* L. growing in Egypt. and its Effect on Animal Behaviour, "Bull. Pharm. Sci. Assiut Univer. "vol. 10, No. 1, 37, (1987).
 - 24- M.A.Makboul Argentine, Lupinine, Cytisine and N-methyl cytisine alkaloids from *Sophora secundiflora* (Orteg.) Lag. Cultivated in Egypt, Bull. Pharm. Sci. Assiut Univer.", Vol. 10, No . 2,24(1987).
 - 25- M.A.Makboul Preliminary Study of Phenolic Glycosides from *Origanum majorana*, Quantitative Estimation of Arbutin, Cytotoxic Activity of Hydroquinone, "Planta Medica", Vol. 53, No. 4, 343, (1987).

- 26- M.A.Makboul Effect of *Cinnamon* and *Clove* Oils on Food Poisoning and Spoilage Bacteria invitro and Poultry Meat Product., "34th. Inter. Congress of Meat Science and Technology, Congress Proceeding Part B., Brisbane-Australia, 26th august-2 nd September (1988).
- 27- M.A.Makboul Micro-and Micromorphology of *Hibiscus sabdariffa* L.Part. I: Root, Stem and Leaf, "Bull. Pharm. Sci Assiut Univer." Vol. 12, No. 1,1, (1989).
- 28- M.A.Makboul Macro-and Micromorphology of *Hibiscus Sabdariffa* L. Part II: Flower,Fruit and Seed., "Bull. Pharm. Sci. Assiut Univer." Vol. 12, No. 1, 21, (1989).
- 29- M.A.Makboulll Trials for Increasing Keeping Quality of Egyptian Minced Meat "Kofta" and "Kapab", by Spices Extracts., 35 th Inter. Congress of Meat Science and Techonlogy, Copenhagen-Denmark, August 20-25, (1989).
- 30- M.A.Makboul Flavonoids of *Reseds pruinosa* Del. growing in Egypt, "Bull.Fac.Sci. Assiut Univer.", 18 (2-B), 1-7, (1989).
- 31- M.A.Makboul Alkaloids from *Enantia chlorantha.*, "Bull. Fac. Sci. Assiut Univer.", 18 (2-B) 21-29,(1989).
- 32- M.A.Makboul Investigation of Mucilage and Flavonoids of *Hibiscus sabdariffa* L.Cultivated in Egypt., "Bull. Pharm. Sci. Assiut Unver.", Vol. 12,No. 3, 393, (1989).
- 33- M.A.Makboul, Macro-and Micromorphology of *Tabebuia guayacan* Hemsl.Cultivated in Egypt. Part I: The Stem and Leaf. "Bull. Pharm. Sci. Assiut Univer." Vol. 12, No. 2, 282 (1989).
- 34- M.A.Makboul Phytochemical Study of *Centaurium pulchellum* (sw) Durce growing in Egypt., "Bull. Pharm. Sci. Assiut Univer.", Vol. 12, No. 3, 416 (1989).

- 35- M.A.Makboul Macro and-Micromorphology of *Barleria prionitis* L.and *Barleria cristata* L. Cultivated in Egypt. Part. I: The Stem and Leaf. "Bull. Pharm. Sci., Assiut Univ." Vol. 12, No. 3, 437 (1989).
- 36- M.A.Makboul, Phytochemical Study of *Tabebuia guayacan* Hemsl. Cultivate in Egypt, "Bull. Fac. Sci. Assiut Univer." Vol. 19, (1-B), 15-19, (1990).
- 37- M.A.Makboul Pharmacognostical Study of *Avicennia officinalis* L. growing in Egypt., Part. III: Terpenoids, Flavonoids and Iridoids, "Bull. Pharm. Sci. Assiut Univer.", 13,1,59,(1990).
- 38- M.A.Makboul Phytochemical Study of *Euphorbia heterophylla* L. Cultivated in Egypt. "Bull. Pharm. Sci. Assiut Univer.", 13,1,51,(1990).
- 39- M.A.Makboul Phytochemical Stydy of *Barleria cristata* L. and *Berleria Prionits* L. Cultivated in Egypt., "Bull. Pharm. Sci. Assiut Univer.", 13,1,65,(1990).
- 40- M.A.Makboul Chromones and Flavans from *Pancratium maritimum*. "Phytochemistry", Vol. 29, No. 2, 625-627, (1990).
- 41- M.A.Makboul: The use of HPLC-Cyclobond column and TLC-B-Cyclodextrin in the Mobile phase for quantitative Determination of Flurest tablets "Presented in XXI Egyptian Pharmaceutical Conference", Cairo 24-27 February (1990).
- 42- M.A.Makboul The Lupin Alkaloids of *Sophora secundiflora* in Egypt. "Thai. J. Pharm. Sci.", Vol. 16, No. 3. P. 267 (1992).
- 43- M.A.Makboul Phytochemical Investigation of *Wedelia prostrata* Hook et Arn. (Hemsl.); II- The Ethyl Acetate Soluble Fraction of the Methanol Extract. "Bull. Pharm. Sci., Assiut Univ.", Vol. 20, No. 1, 37-46 (1997).

- 44- M.A.Makboul Revised ^{13}C -NMR Assignments of Kaurenoids From *Wedelia prostrata* Hook et Arn. (Hemsl). "Bull. Pharm. Sci., Assiut Univ.", Vol. 21, No. 1, 81-87 (1998).
- 45- M.A.Makboul Phenolic Constituents from *Grevillea robusta* A. Cunn. "Phytochemistry", 53, 149 (2000).
- 46- M.A.Makboul Macro- and Micromorphology of The Stem and Leaf of *Calliandra Haematocephala* (Hassk.) Cultivated in Egypt. Bull. Pharm. Sci., Assiut Univ. Vol. 26, No. 2, P. 153 (2003).
- 47- [Potent anticancer activity of \(Z\)-3-hexenyl- \$\beta\$ -D-glucopyranoside in pancreatic cancer cells](#) 2024
AM Zaher, WS Anwar, MA Makboul, IAM Abdel-Rahman
Naunyn-schmiedeberg's Archives of Pharmacology 397 (4), 2311-2320
- 48- [Potent hepatoprotective activity of common rattan \(*Calamus rotang* L.\) leaf extract and its molecular mechanism](#) 2023
WS Anwar, FM Abdel-Maksoud, AM Sayed, IAM Abdel-Rahman, ...
BMC complementary medicine and therapies 23 (1), 24
- 49- [Potent anticancer activity of \(Z\)-3-hexenyl- \$\beta\$ -](#) 2023
AM Zaher, WS Anwar, MA Makboul, IAM Abdel-Rahman
- 50- [Chemical investigation of *Grevillea robusta* A. Cunn flowers](#) 2021
A Ahmed, MA Makboul
Sphinx Journal of Pharmaceutical and Medical Sciences 2 (1), 1-8
- 51- [A New Dihydrocoumarin from *Ficus sycomorus*](#) 2020
SM El-Sayyad, MA Makboul, R Wahman, SF Farag
Chemistry of Natural Compounds 56, 1013-1015
- 52- [Chemosystematically valuable triterpenoid saponins from *Glandularia x hybrida*](#) 2020
NM Mohamed, MA Makboul, SF Farag, YH Wang, SM Mohamed, SA Ross
Phytochemistry 175, 112367
- 53- [Iridoid and phenylpropanoid glycosides from the roots of *Lantana montevidensis*](#) 2017
NM Mohamed, MA Makboul, SF Farag, AH Tarawneh, SI Khan, TA Brooks, ...
Medicinal Chemistry Research 26, 1117-1126
- 54- [Iridoid and phenylpropanoid glycosides from the roots of *Lantana*](#) 2017
NM Mohamed, MA Makboul, SF Farag, AH Tarawneh, SI Khan, TA Brooks, ...

- 55-[Oleanane And Ursane Saponins From The Roots Of Glandularia X Hybrida](#) 2016
NM Mohamed, MA Makboul, SF Farag, SA Ross
Planta Medica 82 (05), PC51
- 56-[Triterpenes from the roots of Lantana montevidensis with antiprotozoal activity](#) 2016
NM Mohamed, MA Makboul, SF Farag, S Jain, MR Jacob, BL Tekwani, ...
Phytochemistry Letters 15, 30-36
- 57- [Hypotensive effect of Ficus sycomorus L. on the arterial blood pressure of rabbits](#) 2016
SM El-Sayyad, MA Makboul, RM Ali, JO El-Amir, SF Farag
Research & Reviews: Journal of Pharmacognosy and Phytochemistry 4 (2)
- 58-[Characterisation of the metabolites of an antibacterial endophyte Botryodiplodia theobromae Pat. of Dracaena draco L. by LC-MS/MS](#) 2015
AM Zaher, AM Moharram, R Davis, P Panizzi, MA Makboul, AI Calderón
Natural product research 29 (24), 2275-2281
- 59-[Pentacyclic triterpenoids from roots of Lantana montevidensis \(Spreng.\) Brig. cultivated in Egypt](#) 2015
SA Ross, NM Mohamed, MA Makboul, SF Farag
PLANTA MEDICA 81 (16), 1431-1431
- 61-[New pentacyclic triterpenoid from the roots of Lantana montevidensis \(spreng.\) brig. cultivated in Egypt](#) 2015
NM Mohamed, MA Makboul, SF Farag, SA Ross
Planta Medica 81 (05), PC22
- 62-[Hepatoprotective activity of Ficus sycomorus L. against N-nitrosodiethylamine and CCL4 induced hepatocarcinogenesis in experimental rats](#) 2015
SM El-Sayyad, MA Makboul, R Ali, J El-Amir, S Farag
Res. Rev. J. Pharmacogn. Phytochem 3, 1-5
- 63-[Triterpenes from the roots of](#) 2015
NM Mohamed, MA Makboul, SF Farag, S Jain, MR Jacob, BL Tekwani, ...
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- 64 [LC-MS metabolite fingerprinting and MtSK-based screening of an endophyte Bartalinia pondoensis Marinc of Citrus aurantium L](#) 2014
AM Zaher, MA Makboul, AM Moharram, AI Calderón
Journal of Chromatography B 970, 18-23
- 65-[Chemical constituents with free-radical scavenging activity from the leaves of Lantana montevidensis \(Spreng.\) Brig](#) 2014
MA Makboul, AA Attia, SF Farag, NM Mohamed, SA Ross
Phcog J 6, 27-31

- 66-[Macro-and micromorphology of the leaves, inflorescences and fruits of Ficus sycomorus L. cultivated in Egypt: Part 1](#) 2014
SM El-Sayyad, MA Makboul, SF Farag, RM Ali
Bulletin of Pharmaceutical Sciences Assiut University 37 (1), 1-25
- 67-[Calderon Anew enniatin antibiotic from the endophyte Fusarium tricinctum Corda](#) 2014
AMMBLTAI Ahmed M.Zaher,Makboul A.Makboul
Journal of Antibiotic, 1-4
- 68-[Angela caideron LC-MS metabolite fingerprinting and MtSk-based screening of an endophyte Bartalinia poindoensis Msarinc of citrus aurantum L.](#) 2014
AMM Ahmed M.Zaher,Makboul A.Makboul
Journal chromatographyB970, 18-23
- 69-[Angela caideron LC-MS metabolite fingerprinting and MtSk-based screening of an endophyte Bartalinia poindoensis Msarinc of citrus aurantum L.](#) 2014
AMM Ahmed M.Zaher,Makboul A.Makboul
Journal chromatographyB970, 18-23
- 70-[Chemicval Constituents with free-Radical scavenging activity from the leaves of Lantana montevidensis \(Spreng.\)](#) 2014
SFFNMMSAR Makboul A.M.Ahmed A.Attia
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- 71-[Macro and Micromorphology of the leaves,Inflorescences and fruits of Ficuss Sycomorus L.cultivated in Egypt Part 1.](#) 2014
SFFRMA S.M.El_Sayad,M.A.Makboul
Bull.Pharm.Sci.Assiut Univ. 37 (1), 1-25
- 72-[A new pentacyclic triterpenoid from the leaves of Lantana montevidensis \(Spreng.\) Briq.](#) 2013
MA Makboul, AA Attia, SF Farag, NM Mohamed, SA Ross, Y Takaya, ...
Natural Product Research 27 (21), 2046-2052
- 73-[Mohamed Investigation of Essential oil and biological activities of lantana mentevidensis\(spreng.\) Briq.cultivated in Egypt](#) 2013
AAASFFNMM Makboul A.M.
J.of Natural Pharmaceuticss 4 (1)
- 74-[A new pentaacyclic triterpenoid from the leaves of Lantana montevidensis \(spreng\) Briq](#) 2013
SFFNMMSARYTMN Makboul A.M,Ahmed A.Attia
Natural ProductResearch, 1-7

74-[Macro-and Micromorphology of the aerial parts of Lantana montevidensis \(SPRENG.\) BRIQ.cultivated in Egypt](#) 2012

SFFNK M.A.Makboul,A.A.Attia
Bull. Pharm. Sci. Assiut Univ. 35 (2), 127-160

75-[Macro-and micromorphology of the leaf, stem and inflorescence of cassia bicapsularis L. cultivated in Egypt](#) 2006

MA Makboul, A El-Hafiz, EK Desoky, IA Mahmoud
Bulletin of Pharmaceutical Sciences Assiut University 29 (2), 446-487