

CURRICULUM VITAE
Maha Mahmoud Salama Mohammed



1. Personal Data:

Name: Maha Mahmoud Salama
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Birth Place: Cairo.
Nationality: Egyptian.
Marital Status: Married.

2. Education and Scientific Degrees:

- M.B., B.Ch.** : Faculty of Pharrmacy, Cairo University, 1991.
- M.Sc., Pharmaceutical Science (Pharmacognosy):** Faculty of Pharmacy, Cairo University, 1997.
- PH.D. Pharmaceutical Science (Pharmacognosy):** Faculty of Pharmacy, Cairo University, 2004.

3. Chronology of Employment:

- Demonstrator in the Pharmacognosy department, Faculty of Pharmacy, Cairo University: 26/3/1993-2/1/1997.
- Assistant Lecturer Pharmacognosy department, Faculty of Pharmacy, Cairo University: 1/10/1997-10/11/2004.
- Lecturer of Pharmacognosy department, Faculty of Pharmacy, Cairo University: 29/12/2004 -10/3/2012
- Associate professor Pharmacognosy department, Faculty of Pharmacy, Cairo University: 10/3/2012 till 28/3/2017
- Professor Pharmacognosy department, Faculty of Pharmacy, Cairo University: 28/3/2017 till now

4. Professional Appointments & Public Services:

- Teaching Pharmacognosy (theoretical & practical) for the and second year students of Faculty of Pharmacy, Cairo University.
- Teaching Pharmacognosy (theoretical & practical) for the first second year students of Faculty of Pharmacy, Ain-Shams University.
- Teaching Pharmacognosy (theoretical & practical) for the clinical programme (credit hours) Faculty of Pharmacy, Cairo University.
- Course co-ordinator for Pharmacognosy-2 Year 2 since 2012 till now

- Teaching Phytochemistry (theoretical & practical) for the third year students of Faculty of Pharmacy, Cairo University.
- Teaching Phytochemistry (theoretical & practical) for the clinical programme (credit hours) Faculty of Pharmacy, Cairo University
- Teaching Diploma of Quality Assurance (theoretical & practical) for the postgraduates of Faculty of Pharmacy, Cairo University.
- Teaching Botany & medicinal plants (first year), Misr University in Egypt (MIU), since 2013 -2014
- Teaching Botany & medicinal plants (first year Students), British University in Egypt (BUE), since 2014 -2016
- Teaching Pharmacognosy 1 (second year Students), British University in Egypt (BUE), since 2014 -2016.
- Teaching Seminar course (theoretical & practical) for the postgraduates of Faculty of Pharmacy, Cairo University
- UV spectroscopy & applications (theoretical) for the postgraduates of Faculty of Pharmacy, Cairo University
- Teaching Pharmacognosy 2, Phytochemistry 1 & 2, Phytotherapy- Faculty of Pharmacy & Drug Technology/ Heliopolis University for sustainable development, academic year 2017/2018
- Head of department of Pharmacognosy & medicinal plants, Faculty of Pharmacy & Drug Technology/ Heliopolis University for sustainable development, academic year 2017/2018
- Vice dean, Faculty of Pharmacy & Drug Technology/ Heliopolis University for sustainable development, academic year 2017/2018

5. Funded projects:

- The Role of some plants extracts in raising resistance of snails to infection with trematodes, (2014/ 2017) funded by Theodor Bilharz Research institute.
- High value Pharmaceutical Raw Material from Food Processing Waste (2014/2016) Funded by STDF National Research Grants
- Possible anti-inflammatory activity of certain natural products against hepatic inflammation in experimental animals and evaluation of their safety in hepatocyte cultures (2013/2016) funded by Theodor Bilharz Research institute.
- Environmental pollutions and obesogens: Role of clinical nutrition and natural products in treatment of obesity and diabetes mellitus. Funded by the National Research Center (2015/2018).

6-Training Courses:

- 1- Training course in computer skills "Teaching assistant 1" and "Teaching assistant 2" prepared by the Central Unit of ICT Training (CUICTT), August 1997.
- 2- Training course in computer skills "Teaching assistant 1" and "Teaching assistant 2" prepared by the Central Unit of ICT Training (CUICTT), August 2007.
- 3- Training Course in "Exam regime and Students' assessment", (FLDC), Cairo University (2006)
- 4- Training Course in Multi- media in teaching(FLDP), Cairo University(2006)
- 5- Training Course in International research, (FLDC), Cairo University(workshop)(2006)
- 6- Training Course in Setting and writing ascientific research, (FLDC), Cairo University (2006)
- 7- Attending a SWOT analysis session for preparing the strategic plan for the Faculty of Pharmacy-Cairo University 7/2008
- 8- Training course in computer skills "Teaching assistant 1" and "Teaching assistant 2" prepared by the Central Unit of ICT Training (CUICTT), August 2007.
- 9- Training Course in "Competitive Project Funding", (FLDP), Cairo University (2009)
- 10- Attendance for Workshop: CICAP (2010)
- 11- Training program. Teaching assistant (1&2). Central unit of ICT training
- 12- Workshop for Crisis & disaster management (2011)
- 13- Workshop for "Talents for effective presentation (FLDC), 2011
- 14- Joint seminar on "Recent Advances in Natural Products and Biotechnology" certified by the Institute of Natural Medicine, Japan in partnership with the Natural Products Center, Egypt held on 31 October 2012 at faculty of Pharmacy, Cairo University, Egypt.(2012)
- 15- A workshop: "Career safety and health care" 27/2- 5/3 (2013). Labour University. Nasr City
- 16- Workshop entitled: "Career development" arranged by DAAD in Cairo (5/2013).
- 17- Training Course [Training committee, Performance appraisal and quality assurance unit] entitled" نماذج الكنترولات المدرجة فى إجراء الأيزو 9001 /2008" Held in the Faculty of Pharmacy/ Cairo University on 26-11-2014

- 18- Workshop entitled: "Recent Trends in Natural Products Discovery and Analysis" held in the Faculty of Pharmacy/ Cairo University on Dec. 8th – 9th, 2014
- 19- Workshop: "Internal auditing for ISO 9001/2008 and ISO 19011/2011". Held in the Faculty of Pharmacy/ Cairo University on 21-10-2015
- 20- Workshop on HPLC Method Development and Validation, Center of Applied Research and Advanced Studies (CARAS). Faculty of Pharmacy, Cairo University (May 2016).
- 21- Workshop on "Creating online and interactive quizzes "Faculty of Pharmacy Cairo University 22/2/2017
- 22- Workshop on" Strategic planning" Quality assurance Unit/ Faculty of Pharmacy & Drug Technology/ Heliopolis University for sustainable development (May 2018)
- 23- Workshop on" Self-Study" Quality assurance Unit/ Faculty of Pharmacy & Drug Technology/ Heliopolis University for sustainable development (June 2018)
- 24- Workshop "Computer aided drug design" 11-12/9/2018
- 25- Workshop 22/12/2021 under the title" Program and Module specs according to competence-based NARS 2017"

7. Attendance & Participation in Conferences:

- 1-Attendance for the XXX International Conference of the Egyptian Journal of Pharmaceutical Science (2006)
Poster presentation: Macro- and Micromorphology of the rhizome, aerial stem and leaves of *Cardinocellus eriocephallus* Bioss. Var. albiflora Gauba
- 2- Attendance for the XXXI International Conference of the Egyptian Journal of Pharmaceutical Science
3 Posters presentation (2007)
Antidiabetic Activity of Phenolic Compounds from Pecan Bark On Streptozotocin-Induced Diabetic Rats.
Cytotoxic Compounds from the Leaves of *Gaillardia aristata* Pursh. Growing In Egypt.
Pharmacognostical Study of *Gaillardia aristata* Pursh. Growing In Egypt
- 3-Attendance for conference: Euro-Med Symposium- "Plant Natural Products from Biodiversity to Bio-industry" (2010). Poster presentation
In Vitro Activities of Plant Extracts from Saudi Arabia against Malaria, Leishmaniasis, "Sleeping Sickness and Chagas Disease
- 4- 2nd Scientific conference of faculty of Pharmacy. Cairo University
"Quality Assurance in Pharmacy Education"(2011)

- One of the organizers of the conference
- Poster presentation :Bio-guided Isolation of Pentacyclic Triterpenes from the Leaves of *Alstonia scholaris* (Linn.) R. Br. Growing in Egypt

- 5- 3rd Scientific conference of faculty of Pharmacy. Cairo University
 Poster presentation: A Pharmacognostical study of *Trachelospermum jasminoide* L Growing in Egypt (2012)

- 6- **Humboldt Kolleg: "Pharmaceutical and Biotechnological Therapies"**
German University in Cairo; Egypt (2012)

- Poster presentation: "Development and Validation of An HPLC Method for Standardization of the Bioactive Ethyl Acetate Fraction of *Alstonia scholaris* (L.) R.Br. Growing in Egypt"

- 7- A poster presentation entitled "Study of anti-ageing activity of Pomegranate and Grape seeds extracts" in the **4th International scientific conference of Faculty of Pharmacy Cairo University, April 24th – 25th , 2013.**

- 8- A poster presentation entitled "Cytotoxicity of acyl phloroglucinols isolated from the leaves of *Eucalyptus cinerea* F. Muell. ex Benth. cultivated in Egypt. **The 3rd world congress on Cancer Science &Therapy " Held on October 21-23, 2013 in Double tree by Hilton Hotels san Francisco Airport, California, USA**

- 9- A poster presentation entitled"LC/ ESI-MS and *in vitro* Anti inflammatory Activity of Aerial Parts of *Trachelospermum jasminoides* (Lindl.)Lem" **2nd International Conference on Advanced Basic & Applied Sciences (ABAS-II) Sokhna, Egypt 2- 4 April 2014.**

- 10- A poster presentation entitled" Anti-wrinkle Activity of a Standardized Extract of *Rosmarinus officinalis* L., Lamiaceae" ISANH Antioxidants World Congress 2014. **14th International Conference on Oxidative Stress Reduction, Redox Homeostasis and Antioxidants. Held at Marriott Hotel Paris Rive Gauche in Paris, France on June 12-13, 2014.**

- 11- A poster presentation entitled" Antiprotozoal Activity of major constituents from the bioactive fraction of *Verbesina enceloides*" **The 4th Euromediterranean conference of Natural products Cairo/Sharm Egypt 3-7 March 2015**

- 12- A poster presentation entitled" *In-vivo* Hepatoprotective Efficacy of Certain *Psidium* Species Extracts and Their Nano-formulated Liposomes" **Traditional Medicine-2015; 3rd International conference. Traditional & Alternative Medicine. August 3-5, 2015. Birmingham, UK.**

- 13- A poster presentation entitled" Randomized double-blinded pilot clinical study of the anti-diabetic activity of *Balanites aegyptiaca* and UPLC-ESI-MS/MS identification of its metabolites." **International conference on Science &**

Society: Biopiracy & Phytomedicine (ICSS 2017); Hilton Hotel & Johannes Gutenberg University, Mainz, Germany. July 24-28.2017

- 14- Oral presentation "Enhancement of anti-ageing activity of herbal drugs via nanotechnology. Ain Shams conference 11-15/11/2018 at Novotel hotel
- 15- Poster presentation "Anti protozoal activity of *Severenia buxifolia* and isolation of its bioactive metabolites. Nestido Resort, Marsa Allam
- 16- Oral presentation "Anti-wrinkle activity of herbal drugs" Future University, Kampenski Hotel 28-30/01/2019
- 17- Oral Presentation AAICC that was held in JW Mariotte 6-7 /10 /2021
- 18- Workshop" Reaxys for Seminar Elsevier- Faculty of Pharmacy- The British University in Egypt- 13/ 3 / 2022
- 19- **Workshop"** Health & Safety Regulations- Faculty of Pharmacy- The British University in Egypt- 24 / 11 / 2021

8-Research works:

- 1- Tarun Belwal, Christian Cravotto, M. A. Prieto, Petras Rimantas Venskutonis, Maria Daglia, Hari Prasad Devkota, Alessandra Baldi, Shahira Mohammed Ezzat, Lourdes Gómez-Gómez, **Maha Mahmoud Salama**, Luca Campone, Luca Rastrelli, J. Echave, Seid Mahdi Jafari & Giancarlo Cravotto. 2022. Effects of different drying techniques on the quality and bioactive compounds of plant-based products: a critical review on current trends. Drying Technology Journal <https://doi.org/10.1080/07373937.2022.2068028>
- 2- Shahira M. Ezzat, **Maha M. Salama**, Nehal EL Mahdi, Mohamed A Salem.2022. Roles of Nanotechnology for Efficient Nutrient Delivery of Foods. Chapter 8, In book: Application of Nanotechnology in Food Science, Processing and Packaging,123-140, DOI: 10.1007/978-3-030-98820-3_8
- 3- Shahira M. Ezzat, Mohamed F. Abdel Rahma, **Maha M. Salama**, Engy A. Mahrous , Amany El Bariary. **2022**. non-polar metabolites of green beans (*Phaseolus vulgaris* L.) potentiate the antidiabetic activity of mesenchymal stem cells in streptozotocin-induced diabetes in rats. J Food Biochem. 2022; 00: e14083. <https://doi.org/10.1111/jfbc.14083>
- 4- Shahira M. Ezzat, Heba M.I. Abdallah, Noha N. Yassen, Rasha A. Radwan, Eman S. Mostafa, **Maha M. Salama**, Mohamed A. Salem.**2021**. Phenolics from *Physalis peruviana* fruits ameliorate streptozotocin-induced diabetes and

- diabetic nephropathy in rats via induction of autophagy and apoptosis regression. *Biomedicine & Pharmacotherapy*. 142(111498)
- 5- Engy A. Mahrous, Ahmed M. Al-Abd, Maha M. Salama, Magda M. Fathy, Fathy M. Soliman and Fatema R. Saber. 2021. Cattleianal and Cattleianone: Two New Meroterpenoids from *Psidium cattleianum* Leaves and Their Selective Antiproliferative Action against Human Carcinoma Cells. *Molecules* **2021**, 26, 2891. <https://doi.org/10.3390/molecules26102891>
 - 6- Reham I. Amer, Shahira M. Ezzat, Nora M. Aborehab, Mai F. Ragab, Dalia Mohamed, Amira Hashad, Dalia Attia, Maha M. Salama, Mahitab H.El Bishbishy. **2021**. Downregulation of MMP1 expression mediates the anti-aging activity of *Citrus sinensis* peel extract nanoformulation in UV induced photoaging in mice. *Biomedicine & Pharmacotherapy*. 138 (111537)
 - 7- Dina M. El-Kersh, Shahira M. Ezzat, Maha M. Salama, Engy A. Mahrous, Yasmien M. Attia, Mahmoud Salama Ahmed & Mohey M. Elmazar. **2021**. Anti-estrogenic and anti-aromatase activities of citrus peels major compounds in breast cancer. *Scientific reports*. 11:7121
 - 8- Shahira M. Ezzat, Mahitab H. El Bishbishy, Dina M. El Kersh, Ahmed Zayed, Mohamed A. Salem, and Maha M. Salama. **2021**. Herbal Cosmeticology. Preparation of Phytopharmaceuticals for the management of disorders. The development of Nutraceuticals and Traditional Medicine. Chapter 7, Part I, 129-159
 - 9- Ayah M.H. Gowifel, Mona G. Khalil, Somaia A. Nada, Sanaa A. Kenawy, Kawkab A. Ahmed, Maha M. Salama, Marwa M. Safar **2020**. Combination of pomegranate extract and curcumin ameliorates thioacetamide-induced liver fibrosis in rats: Impact on TGF- β /Smad3 and NF- κ B signaling pathways, *Toxicology Mechanisms and Methods*, DOI: 10.1080/15376516.2020.1801926
 - 10- Sally M. Odah, Maha M. Salama, Wafaa M. Aziz, Taha S. El-Alfy ,Shahira M. Ezzat. **2020**. Anti-wrinkle activity and UPLC-MS/MS metabolic profiling of pomegranate and grape seeds extracts. *International Journal of Pharmaceutical science Research (IJSR)*. 11(8): 3679-3689

- 11- Mohamed A. Salem, Mahitab H. El Bishbishy, Ahmed Zayed, Amr A. Mahrous, Maha M. Salama, and Shahira M. Ezzat. **2020**. Natural Products for the Management of Cardiovascular Diseases. Natural Products in Clinical Trials. Chapter 5. Vol. 2, 1-00
- 12- Rasha A. Radwan, Youssef A. El-Sherif, Maha M. Salama. **2020**. A Novel Biochemical Study of Anti-Ageing Potential of *Eucalyptus Camaldulensis* Bark Waste Standardized Extract and Silver Nanoparticles. Colloids and Surfaces B: Biointerfaces(191)1-9, 11100 <https://doi.org/10.1016/j.colsurfb.2020.111004>
- 13- Ezzat SM, El Bishbishy MH, Aborehab NM, Salama MM, Hasheesh A, Motaal AA, Rashad H, Metwally FM. **2020**. Upregulation of MC4R and PPAR- α expression mediates the anti-obesity activity of *Moringa oleifera* Lam. in high-fat diet-induced obesity in rats. J Ethnopharmacol. 3(251)112541
- 14- Shahira M. Ezzat, Maha M. Salama and Mohamed A. Salem. **2020**. Bioactive lead compounds and molecular targets for the treatment of heart diseases. Phytochemicals as Lead Compounds for New Drug Discovery, Part II Bio-functional leads for drug development, Chapter 5, 68-93. El Sevier publisher. ISBN: 978-0-12-817890-4
- 15- Ilias Marmouzi , Shahira M. Ezzat , Maha M. Salama, Rana M. Merghany, Aisha M. Attar, Ahmed M. EL-Desoky, and Shanaz O. Mohamed. **2019**. Recent Updates in Pharmacological Properties of Chitooligosaccharides. BioMed Research International <https://doi.org/10.1155/2019/4568039> 1-16
- 16- Taha S. El-Alfy, Nagwa M. Ammar, Sahar Y Al-Okbi, Maha M Salama, Hanan F. Aly, Asmaa A Amer, **2019**. *Cressa cretica* L. growing in Egypt: Phytochemical study and potential antioxidant and hepato-protective activities. Journal of Applied Pharmaceutical Science vol. 9(S1), 046-057
- 17- Ezzat SM, Raslan M, Salama MM , Menze ET, El Hawary SS. **2019**. In vivo anti-inflammatory activity and UPLC-MS/MS profiling of the peels and pulps of *Cucumis melo* var. *cantalupensis* and *Cucumis melo* var. *reticulatus*. J Ethnopharmacol. 12 (237):245-254
- 18- Mostafa I. Fekry, Shahira M. Ezzat, Maha M. Salama, Ohoud Y. Alshehri & Ahmed M. Al-Abd (**2019**). Bioactive glycoalkaloides isolated from *Solanum*

- melongena* fruit peels with potential anticancer properties against hepatocellular carcinoma cells. Scientific reports 9:1746
- 19- Mona M. Hashem, Maha M. Salama, Faten F. Mohammed, Adel F. Tohamy, Kadriya S. El Deeb (2019) Metabolic profile and hepatoprotective effect of *Aeschynomene elaphroxylon* (Guill. & Perr.). PLoS ONE 14(1): e021057
- 20- Asmaa Amer, Hussein Taha, Nagwa Ammar, Maha Salama and Taha El-Alfy. 2018. Applicability of Different Molecular Markers Techniques for Genetic Distinguish Between Two Genera *Cressa* Linn. and *Cuscuta* Yunck. Family Convolvulaceae. Pak J Biol Sci. 21(4):179-186. DOI: 10.3923/pjbs.2018
- 21- Safaa A. Nour, Maha M. Salama, Mustafa A. Abdel Kawy, Mohamed S. Hifnawy (2018). The impact of seasonal variation on the volatile oil profile of leaves of *Severinia buxifolia* (Poir.) and its antimicrobial activity. 2018 Journal of Pharmacognosy & Phytotherapy 10(3), 56-63. <https://doi.org/10.5897/JPP2018.0488>
- 22- Fatema R. Saber, Ghada A. Abdelbary , Maha M. Salama, Dalia O. Saleh, Magda M. Fathy, Fathy M. Soliman. (2018). UPLC/QTOF/MS profiling of two *Psidium* species and the *in-vivo* hepatoprotective activity of their nano-formulated liposomes. Food Research International, 105, 1029–103
- 23- Safaa A. Nour, Maha M. Salama, Mustafa A. Abdel Kawy, Mohamed S. Hifnawy (2017). “Authentication of *Severinia buxifolia* (poir) Ten via DNA fingerprint and botanical features” World journal of pharmacy and pharmaceutical sciences. 6(10)
- 24- Gouda B, Mousa O, Salama M, Kassem H (2017). Volatiles and Lipoidal Composition: Antimicrobial Activity of Flowering Aerial Parts of *Lavandula pubescens* Decne. International Journal of Pharmacognosy and Phytochemical Research ;9(8); 1175-1181
- 25- Rashad H, Metwally FM, Ezzat SM, Salama MM, Hasheesh A, Abdel Motaal A (2017) Randomized double-blinded pilot clinical study of the anti-diabetic activity of *Balanites aegyptiaca* and UPLC-ESI-MS/MS identification of its metabolites. Pharmaceutical Biology, VOL. 55, NO. 1

- 26- Shahira M Ezzat, Maha M Salama, Engy A Mahrous, Louis Maes, Cheol-Ho Pan, Essam Abdel-Sattar (2017). Antiprotozoal activity of major constituents from the bioactive fraction of *Verbesina encelioides*. Natural Product Research. Vol. 31, NO. 6, 676–680
- 27- M.M. Shabana, M.H. Gonaïd, M.M. Salama, A.A. Sleem, E. Abdel-Sattar” Lipid profile and biological activity of different extracts of *Stapelia hirsuta* L” Future Journal of Pharmaceutical Sciences 2 (2016) 76-8
- 28- Shahira M Ezzat, Abeer A. El Sayed, Maha M Salama (2016) Use of Random Amplified Polymorphic DNA (RAPD) Technique to Study the Genetic Diversity of Eight *Aloe* Species. *Planta Medica*, **82**, 1381 – 1386.
- 29- Shahira M. Ezzat, Maha M. Salama, Sayed H. Seif el-Din, Samira Saleh, Naglaa M. El-Lakkany, Olfat A. Hammam, Maha B. Salem and Sanaa S. Botros. Metabolic profile and hepatoprotective activity of the anthocyanin-rich extract of *Hibiscus sabdariffa* calyces. *Pharmaceutical Biology* (2016) 54(12):3172-3181.
- 30- Mohamed A. Farag, Shahira M. Ezzat, Maha M. Salama, Mariane G. Tadros and Rabah A.T. Serya” Anti-acetylcholinesterase activity of essential oils and their major constituents from four *Ocimum* species” *Z. Naturforsch.* DOI 10.1515/znc-2016-0030(2016) 71(11-12), pp. 393-402
- 31- Mohamed A. Farag, Shahira M Ezzat, Maha M Salama, Mariane G. Tadros (2016). Anti-acetylcholinesterase potential and metabolome classification of 4 *Ocimum* species as determined via UPLC/qTOF/MS and chemometric tools. *Journal of Pharmaceutical and Biomedical Analysis* 125, 1–11.
- 32- Shahira M Ezzat, Maha M Salama, Aliaa ElMeshad, Mahmoud H. Teaima, Laila A. Rashad (2016). HPLC–DAD–MS/MS profiling of standardized rosemary extract and enhancement of its anti-wrinkle activity by encapsulation in elastic nanovesicles. *Arch. of Pharmacal Research.* 39:912–925
- 33- Fathy M. Soliman, Magda M. Fathy, Maha M. Salama, Fatema R. Saber” Comparative study of the volatile oil content and antimicrobial activity of *Psidium guajava* L. and *Psidium cattleianum* Sabine leaves. *Bulletin of Faculty of Pharmacy, Cairo University*, 54, 219–225 (2016)

- 34- Fathy M. Soliman, Magda M. Fathy, Maha M. Salama and Fatema R. Saber” Botanical study of *Eucalyptus cinerea* F. Muell. ex Benth. cultivated in Egypt” World journal of Pharmacy and Pharmaceutical Sciences, SJIF, **2015**, 4(10), 310-28.
- 35- Maha M. Salama, Seham M El-Hawary, Ola M Mousa, Noha El-Askary, Ahmed Esmat” In vivo TNF and IL-1 β Inhibitory activity of Phenolic compounds isolated from *Trachelospermum jasminoides* Linl.(Lem)” Journal of Medicinal Plant Research; **2015**, Vol 9(2), 30-41.
- 36- Fathy M. Soliman, Magda M. Fathy, Maha M. Salama, Engy Mahrous, Fatema R. Saber” Phytochemical and In-Vitro study of *Psidium guajva* leaves L. cultivated in Egypt” World journal of Pharmacy and Pharmaceutical Sciences, **2015**, 4(5), 124-134.
- 37- Fathy M. Soliman, Magda M. Fathy, Maha M. Salama, Fatema R. Saber” Chemical composition and bioactivity of the volatile oil from leaves and stems of *Eucalyptus cinerea*. Pharmaceutical Biology, **2014**, 552(10),1272-77
- 38- Hanaa H. Ahmed, Fatheya M. Metwally, Hend Rashad, Asmaa M. Zaazaa , Shahira M. Ezzat , Maha M. Salama ”*Moringa oleifera* offers a Multi-Mechanistic Approach for Management of Obesity in Rats” Int. J. Pharm. Sci. Rev. Res., 29(2) , 98-106 (**2014**).
- 39- Fathy M. Soliman, Magda M. Fathy, Maha M. Salama, Ahmed M. Al-Abd, Fatema R. Saber & Ali M. El-Halawany. “Cytotoxic activity of acyl phloroglucinols isolated from the leaves of *Eucalyptus cinerea* F. Muell. ex Benth. cultivated in Egypt. **2014**, Scientific reports | 4 : 5410 | doi: 10.1038/ Published on line www.nature.com/scientificreports
- 40- Shahira M. Ezzat and Maha M. Salama. “A new α -glucosidase inhibitor from *Achillea fragrantissima* (Forssk.) Sch. Bip. growing in Egypt. Natural Product Research, **2014**. Vol. 28, No. 11, 812–818
- 41- Essam Abdel Sattar, Soheir M. El-zalabani, Maha M Salama ” Herbal and Microbial Products for the Management of Obesity. E-book **2014**, Anti-obesity Drug Discovery and Development, Vol.2, Chapter3, 130-210
- 42- Marawan M Shabana, Maha M Salama, Shahira M Ezzat and Laila R. Ismail. *In Vitro* and *In Vivo* Anticancer Activity of the Fruit Peels of *Solanum melongena*

- L. against Hepatocellular Carcinoma., J Carcinogenesis & Mutagenesis **2013**, 4:3. Published on line <http://dx.doi.org/10.4172/2157-2518.1000149>
- 43- Maha M. Salama, Shahira M. Ezzat, Riham Salah El Dine, Aly M. El-Sayed, and Amany A. Sleem" New Bioactive Metabolites from a Crown Gall Induced on a *Eucalyptus tereticornis* Sm. Tree". Z. naturforsch.68 C, 461 – 470 (**2013**)
- 44- Marwan. M. Shabana, Fifi. I. Fathy, Maha M. Salama and M. M. Hashem. Cytotoxic and Antioxidant Activities of the Volatile Constituents of *Brassica tournefortii* Gouan: Growing in Egypt, Cancer Science & Research. Published on line 23.12.2013
- 45- Hesham I. El-Askary, Mahmoud M. El-Olemy, Maha M. Salama, and Mahetab H. Amer" Development and Validation of an HPLC Method for Standardization of the Bioactive Ethyl Acetate Fraction of *Alstonia scholaris* (L.) R. Br. Growing in Egypt" Z. naturforsch.68C 376-383(2013)
- 46- Maha M Salama, Eman E. Taher& mohamed M. El-Bahy. Molluscicidal and Larvicidal activities of the Essential Oils of *Thymus Capitatus* HOFF. ET LINKL. And *Marrubium Vulgare* L. Rev. Inst. Med. Trop. Sao Paulo. **2012** 54(5):281-286
- 47- Hiroaki Kiyohara, Chikara Ichino, Yuka Kawamura, Takayuki Nagai, Noriko Sato, Haruki Yamada, Maha M. Salama, Essam Abdel-Sattar. *In vitro* anti-influenza virus activity of a cardiogenic glycoside from *Adenium obesum* (Forssk.) Phytomedicine **2012**. 15;19(2):111-114
- 48- M M Salama, E. E. Taher, M. M. El-Bahy. Molluscicidal and Mosquitocidal Activities of The Essential Oils Of *Thymus Capitatus* L. and *Marrubium Vulgare* L. American Journal of drug Discovery & Development, **2012**. 2(4):204-211
- 49- Hossam M. Abdallah, Maha M. Salama, Enas H. Abd-elrahman and Shohda A. El-Maraghy Antidiabetic activity of phenolic compounds from Pecan bark in streptozotocin- induced diabetic rats. Phytochemistry Letters 4 (**2011**) 337–341
- 50- Hesham I. El-Askary, Mahmoud M. El-Olemy, Maha M. Salama, Amany A. Sleem and Mahetab H. Amer .Bioguided isolation of pentacyclic triterpenes from the leaves of *Alstonia scholaris* (Linn.) R. Br. growing in Egypt .Natural Product Research.26(18) **2012**, 1755–1758

- 51- Maha M. Salama, Zeinab A. Kandil and Wafaa T. Islam Cytotoxic compounds from the leaves of *Gaillardia aristata* Pursh. growing in Egypt. Natural Product Research. Vol. 26(2) **2012**, 2057–2062
- 52- Maha M. Salama, Shahira M. Ezzat, and Amany A. Sleem A New Hepatoprotective Flavone Glycoside from the Flowers of *Onopordum alexandrinum* Growing in Egypt Z. Naturforsch. 66 c, 251 – 259 (**2011**)
- 53- Aly M. El-Sayed, Shahira M. Ezzat, Maha M. Salama and Amany A. Sleem Hepatoprotective and cytotoxic activities of *Delonix regia* flower extracts. Pharmacognosy Journal ,**2011** ,3 (19),49-56
- 54- S. M. Ezzat, M. M. Salama, A. A. Sleem. Antiulcerogenic activity of the essential oil of the roots of *Ocimum basilicum* L. var. minimum International Journal of Essential Oil Therapeutics (**2010**) 4.
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9-Thesis supervision:

- A Pharmacognostical Study of *Antigonon leptopus* (Hook & Arn) Famil Polygonacea cultivated in Egypt. Master thesis by Nelly Ashraf (2017) **(Submitted & granted)**
- A Pharmacognostical Study of *Severenia buxifolia* (Poir.) Family Rutacea cultivated in Egypt. Master thesis by Safaa Nour (2016)**(Submitted & granted)**
- A Pharmacognostical Study of *Lavenula pubescens* (Poir.) Family Lamiacea cultivated in Egypt. Master thesis by Bassma Osama (2017)**(Submitted)**
- Pharmacognostical Study of *Eucalyptus cinerea* (cultivated in Egypt. Master thesis by Fatema Saber (2015)**(Submitted & granted)**
- Phytochemical and Biological studies of *Alstonia scholaris* (L.) R. Br. Family Apocyanacea cultivated in Egypt. PhD thesis by Mahetab Amer (2011) **(Submitted & granted)**

- Pharmacognostical & Biological Study of *Brassica tournefortii* (Gouan) Growing in Egypt. Master thesis by Mona Hashem (2014) **(Submitted & granted)**
- Pharmacognostical & Biological Study of *Trachelospermum jasminoides* (Star jasmine) Family: Apocyanacea. Master thesis by Noha El-Askary (2012) **(Submitted & granted).**
- Study of Antioxidant principles of pomegranate seeds and grape seeds. Master thesis by Sally Oda (2014) **(Submitted & granted).**
- Phytochemical and Biological studies of *Psidium* species (Myrtacea) cultivated in Egypt. PhD thesis by Fatema Saber (2017) **(Submitted & granted).**
- Phytochemical, Biological and Biotechnological Studies of *Cressa cretica* Linn. and *Cuscuta campestris* Yunck. , family Convolvulacea, Growing in Egypt. PhD thesis by Asmaa Amer.(2018) **(Submitted & granted).**
- A Comparative Study on the Chemical & Biological Profiling of Acacia Species growing in Egypt. Master thesis by Sara Mohamed Gabr (2018) **(Submitted & granted).**
- The potential of natural Products in control of Domestic rodents and their Zoonotic Diseases. Master thesis by Walaa Samir (2018) **(Submitted & granted).**
- Pharmacognostical Study of *Aeschynomene elaphroxylon* (Guill. & Perr.) cultivated in Egypt. PhD thesis by Mona Hashem (2019) **(Submitted & granted).**

10- Activites:

- عضو فى وحدة تقويم الأداء وضمان الجودة 2015/2014 – 2016/2015
- عضو فى لجان إعداد تقارير المعايير فى إطار تقدم الكلية للحصول على تجديد الإعتماد من الهيئة القومية لضمان جودة التعليم والإعتماد يونية 2016
- عضو فى لجنة إعداد الكلية لتجديد شهادة الأيزو 2014/2015 – 2016/2015
- Assistant for the Vice Dean of Environmental and community services(2010-2012)
- A member in the committee of crisis and disasters(2010-2011)
- A member in the committee of Safety and health career(2011-2014)
- Preparing the 4 booklets for Environmental and community services :
- الأنشطة والإنجازات التابعة لخدمة المجتمع وتنمية البيئة 2009/2010
- A book about “The achievements of the Environmental and community service 2009/2010
- AS book about: “A journey of construction and giving of leaders” (2010)

- رحلة البناء والعطاء للقيادات 2010

- خطة اخلاء مباني كلية الصيدلة- جامعة القاهرة 2010

- A book about" Emergency Plan- faculty of Pharmacy/ Cairo University
- اليوبييل الفضى للدفعة 156
- A book about the alumni 156

10- Certificates & Awards:

- 1- Mepaco herbal tea Company award for the best MSc. Thesis
- 2- Prof. Dr. Abdel Azeem Hefny award for the best PhD thesis
- 3- Poster award in 2ndScientific conference of faculty of Pharmacy. Cairo University "The Quality Assurance in Pharmacy Education" 2011
- 4- A certificate award for the exerted efforts for the faculty of Pharmacy 2011
- 5- Appreciation certificate for International Publications from Cairo University annually since 2012 till 2017.
- 6- Best poster award at **The 3rd world congress on Cancer Science & Therapy " held on October 21-23, 2013 in Double tree by Hilton Hotels san Francisco Airport, California, USA**
- 7- Complementary Best poster presentation award at **The 4th Euoro-mediteranean conference of Natural products Cairo/Sharm Egypt 3-7 March 2015**