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Address: 49 Moustafa Kamel street, Smouha, Alexandria, Egypt.

I- Personal information:

i- Name: Hala Moustafa Abdel-Ghany Hammoda.

ii- Present appointment: Professor at Pharmacognosy Department, Faculty of Pharmacy, University of Alexandria, Alexandria, Egypt.

iii- Date of birth: May 23, 1969.

iv- Nationality: Egyptian.

v- Address: 49 Moustafa Kamel str., Smouha, Alexandria, Egypt.

vi- Tel.: 002/03/4040364 - 002/03/4040364 - **Mobile:** 002/01001218356

vii- E-mail: Hala22hammoda@yahoo.com

II- Academic qualification:

i- Bachelor of Pharmaceutical sciences, Excellent, Honor degree, University of Alexandria (1991).

ii- Master degree in Pharmaceutical sciences, Department of Pharmacognosy (28/5/1996).

The title of the thesis is:

"Phytochemical study of some plants belonging to family Compositae"

iii- Ph.D. in Pharmaceutical sciences, Department of Pharmacognosy (27/2/2001). The

title of the thesis is:

"Phytochemical study of some plants belonging to family Amaryllidaceae"

III- Employment:

i- Demonstrator at the Department of Pharmacognosy (23/9/1991):

1991- 1993: Applied pharmacognosy for the fourth year (microcrystal tests, spectroscopy, powder mixture, herbal remedies,).

1994- 1995: Pharmacognosy for the first year (bark, wood, leaf, flower, seed)

1991-1995: Phytochemistry for the third year (alkaloids , volatile oil, carbohydrates, glycosides, chromatography).

ii- Assistant lecturer at the Department of Pharmacognosy (**11/7/1996**):

1996 -2000: Phytochemistry for the third year and Pharmacognosy for the first year.

iii- Lecturer at the Department of Pharmacognosy (**28/3/2001**):

2001- 2002: Pharmacognosy for the first year.

2002-2003: Applied pharmacognosy for the fourth year.

2003- 2006: Phytochemistry for the third year.

iv- Assistant Professor at the Department of Pharmacognosy (**26/7/2006**):

2006- 2011: Phytochemistry for the third year.

2009-2010: First year, Damnhour branch, Alexandria University.

2009-2010: 1st semester, Clinical Pharmacy, Alexandria University.

v- Professor at the Department of Pharmacognosy (**24/8/2011**):

2011- Till now: Phytochemistry for the third year.

2011- Till now: 4st semester, Clinical Pharmacy, Alexandria University.

vi- Head of the council of Pharmacognosy Department, Faculty of pharmacy, Alexandria University (**3/11/2015 -**).

Major research interest:

Isolation, analysis, biological screening and structure elucidation of biologically active plant secondary metabolites from medicinal plants using chemical methods as well as different spectroscopic techniques particularly NMR techniques.

Books:

1. Phytochemistry, for third year pharmacy students, Volume I, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
2. Phytochemistry, for third year pharmacy students, Volume II, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
3. Phytochemistry practical notes, for third year pharmacy students, Volume I, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.
4. Phytochemistry practical notes, for third year pharmacy students, Volume II, Faculty of Pharmacy, Alexandria University, Alexandria, Egypt.

List of publication of Dr Hala M. Hammoda

A- Papers abstracted from Master thesis:

- 1- "Flavonoids from *Carduus pycnocephalus* L." Abdalla M. El-Lakany, Maged S. Abdel-Kader, **Hala M. Hammoda**, Nabila M. Ghazy and Zeinab F. Mahmoud, Alex. J.Pharm. Sci., 9(1), 41(1995).
- 2- "New methoxylated flavonols from *Inula crithmoides* L." Abdalla M. El-Lakany, Maha A. Aboul-Ela, **Hala M. Hammoda**, Nabila M. Ghazy and Zeinab F. Mahmoud, Pharmazie, 51, 435 (1996).
- 3- "A new flavone glycoside with antimicrobial activity from *Carduus pycnocephalus* L." Abdalla M. El-Lakany, Maged S. Abdel-Kader, **Hala M. Hammoda**, Nabila M. Ghazy and Zeinab F. Mahmoud, Pharmazie, 52, 78 (1997).

B- Papers abstracted from Ph.D. thesis:

- 4- "Nobilisidine A and Nobilisidine B, two masanane-type alkaloids from *Clivia nobilis*" Antonio Evidente, Amina H. Abou-Donia, Fikria A. Darwish, Masouda E. Amer, Fahima F. Kassem, **Hala M. Hammoda** and Andrea Motta, Phytochemistry, 51, 1151 (1999).
- 5- "Two new alkaloids of the Crinane series from *Pancratium sickenbergeri*" Amina H. Abou-Donia, Masouda E. Amer, Fikria A. Darwish, Fahima F. Kassem, **Hala M. Hammoda**, Maged S. Abdel-Kader, Bing-Nan Zhou and David G. I. Kingston, Planta Med., 68, 379 (2002).
- 6- "Alkaloids from *Narcissus* cv. Ice Follies cultivated in Egypt" Amina H. Abou-Donia, Fikria A. Darwish, Masouda E. Amer, Fahima F. Kassem, **Hala M. Hammoda** and Young-Geun Shin, Alex. J. Pharm. Sci. ,16(2), 96 (2002).

C- Papers after promotion to lecturer-ship:

- 7- "High pressure liquid chromatographic (HPLC) method for determination of Nobilisidine A and Nobilisidine B in *Clivia nobilis* grown in Egypt" Fikria A. Darwish, Rudolf Bauer and **Hala M. Hammoda**, Alex. J. Pharm. Sci. ,16(2), 93 (2002).
- 8- "Three new butyl glycosides from *Inula crithmoides* L. growing in Egypt " Abdalla M. El-Lakany, Maha A. Aboul-Ela, **Hala M. Hammoda** and Mohammed A. Abdul-Ghani, Pharmazie, 58, 940 (2003).

- 9- "Alkaloids from the bulbs of *Crinum bulbispermum*" Maha A. Aboul-Ela, Abdalla M. El-Lakany and **Hala M. Hammoda**, Pharmazie, 59, 894 (2004).
- 10- "(-)-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).
- 11- "Flavonoids from the flowers of *Tagetes erecta* L." **Hala M. Hammoda**, Alex. J. Pharm. Sci., 18(2), 93 (2004).
- 12- "Minor alkaloids from *Clivia nobilis*" Antonio Evidente, Anna Andolfi, Amina H. Abou-Donia, Fikria A. Darwish, **Hala M. Hammoda** and Andrea Motta, Alex. J. Pharm. Sci., 19(1), 49 (2005).
- 13- "Two Flavonoidal glycosides from *Euphorbia densa* Schrenk" Kaleab Asres, Fathy El-Fiky and **Hala M. Hammoda**, Alex. J. Pharm. Sci., 19(1), 74 (2005).
- 14- "Flavonol glycosides from flowers of *Crinum bulbispermum*" Amina H. Abou-Donia, Maha A. Aboul-Ela, **Hala M. Hammoda** and Alaa A. Abou Kashaba, Alex. J. Pharm. Sci., Alex. J. Pharm. Sci., 19(2), 153 (2005).
- 15- "Phytochemical and biological studies of *Amaryllis belladonna* L. cultivated in Egypt" Amina H. Abou-Donia, Soad M. Toaima, **Hala M. Hammoda**, Eman Shawky, Alex. J. Pharm. Sci., 19(2), 147 (2005).
- 16- "Determination of Rutin in *Amaryllis belladonna* L. flowers by HPTLC and Spectrophotometry" Amina H. Abou-Donia, Soad M. Toaima, **Hala M. Hammoda**, Eman Shawky, Chromatographia, 64,109 (2006).

D- Papers after promotion to Assistant Professor-ship:

- 17- "New rapid validated HPTLC method for the determination of Lycorine in Amaryllidaceae plants extracts" Amina H. Abou-Donia, Soad M. Toaima, **Hala M. Hammoda** and Eman Shawky, Chromatographia, 65,497 (2007).
- 18- "Three antioxidant compounds of the Red Alga *Liagora farinosa*" **Hala M. Hammoda**, Jihan M. Badr and Diaa T. A. Youssef, Natural product Sciences,13,140 (2007).
- 19- "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).

- 20-** "New constituents of *Artemisia monosperma* Del." **Hala M. Hammoda**, M.A. Aboul Ela, O. El-Hanbali, A.M. El-Lakany, C.S. Zaki and N.M. Ghazy. *Pharmazie*, 63, 611 (2008).
- 21-** "New rapid validated HPTLC 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).
- 22-** "Phytochemical and antimicrobial investigation of latex from *Euphorbia abyssinica* Gmel." Fathy El-Fiky, Kaleab Asres, Simon Gibbons, **Hala M. Hammoda**, Jihan Badr and Shemsu Umer, *Natural Product Communications*, 3, 1505-1508 (2008).
- 23-** "Studies on *Artemisia monosperma*. Part II: HPTLC study and antimicrobial activity of *Artemisia monosperma*" Maha A. Aboul-Ela, **Hala M. Hammoda**, Cecel S. Zaki, Abdalla M. El-Lakany, Nabila M. Ghazy and Hoda G. Omar. *Alex. J. Pharm. Sci.*, 22, 107 (2008).
- 24-** "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 Marine and Natural Products. Sharm El-Sheikh, 31 October – 4 November (2008).
- 25-** "Biologically-guided phytochemical investigation of *Gazania rigens* L." **Hala M. Hammoda**. *Alex. J. Pharm. Sci.*, 23, 96 (2009).
- 26-** "Constituents of *Erythrina caffra* stem bark grown in Egypt" Sawsan El-Masry, **Hala M. Hammoda**, Hala H. Zaatout, Saleh I. Alqasoumi and Maged S. Abdel-Kader. *Natural product Sciences*, 16(4), 211 (2010).
- International Pharmacy Conference "Recent Advances in Pharmaceutical Research and Technology" Beirut Arab University- 6,7 May (2010) Beirut, Lebanon.
- 27-** "C-flavonoidal glycosides from *Erythrina caffra* flowers" Sawsan El-Masry, **Hala M. Hammoda**, Mohamed M. Radwan, Samir A. Ross and Hala H. Zaatout. *Natural product Sciences*, 16(4), 217 (2010).
- 9th Annual Oxford International Conference on the Science of Botanicals (ICSB), 12-15 April (2010) University of Mississippi. USA.
(Proceeding in *Planta Medica*, 76, 534 (2010)).
- 28-** "Bioactive compounds from the fruits of *Nerium oleander* L. cultivated in Egypt" Sawsan El-Masry, **Hala M. Hammoda** and Hala H. Zaatout. *TWAS/BVA. NXT* (2010), An International Conference organized by Bibliotheca Alexandrina, Alexandria, 10,11 April (2010).

29- "Phytochemical and antimicrobial investigation of *Inula crithmoides* L." M.A. Aboul Ela, A.M. El-Lakany, S.M. Shams El-Din and **Hala M. Hammoda**. Alex. J. Pharm. Sci., 25, 26 (2011).

30- "Acetylcholinesterase inhibitory activity of some Amaryllidaceae plant extracts and their alkaloidal isolates" **Hala M. Hammoda**, A. H Abou-Donia, S. M. Toaima, and E. Shawky. Alex. J. Pharm. Sci., 25, 37 (2011).

E- Papers after promotion to Professor-ship:

31- "New Quinic Acid Derivatives from Hepatoprotective *Inula crithmoides* Root Extract" Maha M. Aboul Elaa, Abdalla M. El-Lakanya, Maged S. Abdel-Kader, Saleh. I. Alqasoumi, Safa M. Shams-El-Din, and **Hala M. Hammoda**, Helvetica Acta Chemica, 95, 61 (2012).

32- "Hepatoprotective activity screening of *Inula crithmoides* L. extracts", **Hala M. Hammoda** Maha A. Aboul Ela, Abdalla M. El-Lakany, Maged S. Abdel-Kader, Saleh. I. Alqasoumi and Safa M. Shams-El-Din. BioVIsion Alexandria 2012, Bibliotheca Alexandrina, Alexandria, 22,25 April, 2012.

33- "A new validated HPTLC method for quantitative determination of 1, 5-dicaffeoylquinic acid in *Inula crithmoides* roots" Maha A. Aboul-Ela, Abdalla M. El-Lakany, Safa M. Shams Eldin and **Hala M. Hammoda**. Pak. J. Pharm. Sci.,25, (4), 721 (2012).

34- "Chemical constituents from *Tribulus terrestris* and screening of their antioxidant activity" **Hala M. Hammoda**, Nabila M. Ghazy, Fathalla M. Harraz, Mohamed M. Radwan, Mahmoud A. ElSohly, Ingy I. Abdallah. Phytochemistry,92, 153-159 (2013).
- 12th Annual Oxford International Conference on the Science of Botanicals (ICSB), 15-18 April, 2013, University of Mississippi. USA.

(Poster and Proceeding in Planta Medica, 79, 392 (2013)).

35- "Chemical composition, antimicrobial, antioxidant and insecticidal activities of essential oils of *Conyza linifolia* and *Chenopodium ambrosioides*" Fathalla M. Harraza, **Hala M. Hammoda**, Maged G. Al Ghazoulya, Mohamed A. Farag, Ahmed F. El-Aswad and Samar M. Bassam. Natural Product Research, 29(9), 879 (2014).

<http://dx.doi.org/10.1080/14786419.2014.988714>

- 23^o SILAE Congress of Ethnomedicine, 7-12 September, 2014, Marsala, Italy. (Poster)

- 36-** “Two new flavone glycosides from *Chenopodium ambrosioides* growing wildly in Egypt” **Hala M Hammoda**, Mohamed M. Radwan, Fathallah M. Harraz, Maged G. Al Ghazouly, Mahmoud A. ElSohly, Amira S Wanas, Samar M. Bassam. *Rec. Nat. Prod.* 9:4, 609-613 (2015).
- 14th Annual Oxford International Conference on the Science of Botanicals (ICSB), 2-6 August, 2014, University of Mississippi. USA. (Poster and Proceeding in *Planta Medica*, 80, 792, PD 67 (2014)).
- 37-** “Anticancer activity-guided fractionation of *Trigonella stellata* extract” M. M. Radwan, S. M. Shams Eldin, A. S. Wanas, A. M. Habib, F. F. Kassem, **H. M. Hammoda**, M. A. ElSohly. American Association of Pharmaceutical Scientists (AASP), Orlando, Florida, USA, 25-29 October, 2015.
- 38-** “Hepatoprotective and Antioxidant Activities of *Tribulus Terrestris*” Harraz F. M., Ghazy N. M., **Hammoda H. M.**, Nafeaa A. A. and Abdallah I. I. *Journal of Physiology and Pharmacology Advances.* 2015, 5(11): 787-794.
DOI: 10.5455/jppa.20151111080318
- 39-** “Phenolics and Isoflavans from *Trigonella Stellata* and their NF-Kb and Inos inhibitory activity” S. M. Shams Eldin, M. M. Radwan, A. S. Wanas, S. Khan, A. M. Habib, F. F. Kassem, **H. M. Hammoda**, M. A. ElSohly. 16th Annual Oxford International Conference on the Science of Botanicals (ICSB), 11-14 April, 2016, University of Mississippi. USA. (Poster and Proceeding in *Planta Medica*, 82, 491, PC 63 (2016)).
- 40-** “Phytochemical investigation of *Lotus corniculatus* growing in Egypt” Abdallah, R. M., **Hammoda, H. M.**, Radwan, M. M., Wanas, A. S., Sallam, S. M., ElSohly, M. A. and El-Gazza, N. S. 16th Annual Oxford International Conference on the Science of Botanicals (ICSB), 11-14 April, 2016, University of Mississippi. USA. (Poster and Proceeding in *Planta Medica*, 82, 496, PC 81 (2016)).
- 41-** “Phytochemical investigation of *Senecio vulgaris* L.” **Hammoda, H. M.**, Kassem, F. F., Radwan, M. M., Wanas, A. S., Darwish, R. S., El Sohly, M. A. and Habib, A. M. 16th Annual Oxford International Conference on the Science of Botanicals (ICSB), 11-14 April, 2016, University of Mississippi. USA. (Poster and Proceeding in *Planta Medica*, 82, 496, PC 82 (2016)).
- 42-** “Efficacy of the Clove Oil, Cinnamon Oil, Thyme Oil and Origanum Oil against Multidrug Resistant *Pseudomonas aeruginosa* and *Burkholderia cepacia* Complex”

Osama Mostafa, **Hala Hammoda**, Mervat Elsaygh and Ibrahim Abdelwahab. International Journal of Current Microbiology and Applied Sciences, 6 (1), 29-35 (2017).

43- "Volatiles profiling in *Cupressus* genus leaf and cone as analyzed via GC/MS coupled to chemometrics" **Hala M. Hammoda**, Fathalla M. Harraz, Mohamed A. Farag, Ahmed F. El-Aswad, Amr M. El-Haweet, Asmaa M. Eid. 1st International conference of Pharmaceutical and Medical Sciences, Suez Canal University, Faculty of Pharmacy, Engineering Military Authority House, Cairo, Egypt, 1,2 April, 2017.

44- "Phytochemical Investigation of *Senecio vulgaris* L. Growing in Egypt" **Hala Hammoda**, Fahima F. Kassem, Mohammed M. Radwan, Reham S. Darwish, Abdel Azim Habib. Records of Pharmaceutical and Biomedical Sciences, 1(2), 7-12 (2017).

45- "Bioactivity-Guided Isolation of Potential Antidiabetic and Antihyperlipidemic Compounds from *Trigonella stellata*" Safa M. Shams Eldin, Mohamed M. Radwan, Amira S. Wanas, Abdel-Azim M. Habib, Fahima F. Kassem, **Hala M. Hammoda**, Shabana I. Khan, Michael L. Klein, Khaled M. Elokely and Mahmoud A. El Sohly, Journal of natural Products, 81, 1154–1161(2018).

46- "Integrated *in silico-in vitro* strategy for screening of some traditional Egyptian plants for human aromatase inhibitors" Hend M. Dawood, Reham S. Ibrahim, Eman Shawky, **Hala M. Hammoda**, Aly M. Metwally. Journal of Ethnopharmacology, 224, 359–372 (2018).

47- "Green techniques in comparison to conventional ones in the extraction of Amaryllidaceae alkaloids: Best solvents selection and parameters optimization" Sarah S. Takla, Eman Shawky, Hala M. Hammoda, Fikria A. Darwish. Journal of Chromatography A, 1567 (2018) 99 –110 (2018).

48- "Evaluation of the influence of green extraction solvents on the cytotoxic activities of Crinum (Amaryllidaceae) alkaloid extracts using *in-vitro-in-silico* approach" Eman Shawky, Sarah S. Takla, **Hala M. Hammoda**, Fikria A. Darwish. Journal of Ethnopharmacology, 227,139–149 (2018).

49- "Digitally-optimized HPTLC coupled with image analysis for pursuing polyphenolic and antioxidant profile during Alfalfa sprouting" Reham Ibrahim, Asmaa Khairy, Hala Zaatout, Hala Hammoda, Aly Metwally. Journal of Chromatography B 1099, 92-96 (2018).

50- "Phytochemical and biological investigation of *Narcissus pseudonarcissus* cultivated in Egypt" Eman Shawky, **Hala M. Hammoda**, Amina H Abou-Donia, Soad M. Toaima, Eri Kinoshita, Hiromitsu Takayama. Records of Pharmaceutical and Biomedical Sciences 2(1), 26-34 (2018).

51- "Volatiles profiling and bioactivities of *Cuperssus* spp. leaf and cone essential oils as analyzed via chemometrics tools" **Hala M. Hammoda**, Fathalla M. Harraz, Mohamed A. Farag, Ahmed F. Aswad, Amr El-Hawiet and Asmaa M. Eid. Journal of essential Oil Research 31(1) 53-62 (2018).

52- "Chemical constituents, antibacterial and acetylcholine esterase inhibitory activity of *Cuperssus macrocarpa* leaves" Fathalla M. Harraz, **Hala M. Hammoda**, Amr El-Hawiet Mohamed M. Radwan, Amira S. Wanas, Asmaa M. Eid and M. A. ElSohly. Natural Products Research (2018) <https://doi.org/10.1080/14786419.2018.1508140>.

53- "A validated UPLC-PDA method for simultaneous determination of three biologically active isoflavans in *Trigonella stellata* extract" Safa Chromatographia

54- Reham

VI- Training courses and Lectures:

- 1- Attendance of HPLC training course and workshop at Faculty of Pharmacy, Alexandria University, Alexandria, 18-21 May, 2003.
- 2- Attendance of Faculty and Leadership Development project (12 courses).
- 3- Attendance of Program Specifications and Program Report work shop at Faculty of Pharmacy, Alexandria University, Alexandria, 21 December, 2005.
- 4- Attendance of Methods of teaching assessment work shop at Faculty of Pharmacy, Alexandria University, Alexandria, 20-22 May, 2006.
- 5- Attendance of Continuous Improvement and Qualifying for Accreditation Project (CIQAP) (Prof. Dr/ Farouk Abdel Kader and Prof. Dr/ Kamal Emam), 2 December, 2007.
- 6- Attendance of Course Specification work shop at Faculty of Pharmacy, Alexandria University, Alexandria (Prof. Dr/ Azza Abdel Kader), 19 June, 2008.
- 7- Attendance of Course Report work shop at Faculty of Pharmacy, Alexandria University, Alexandria, (Prof. Dr/ Nourhan El Fanaky) 23 June, 2008.

- 8-** Attendance of lecture to show the first report of Continuous Improvement and Qualifying for Accreditation Project (CIQAP), (Prof. Dr/ Kamal Emam and Prof. Dr/ Sonia) 21 July, 2008.
- 9-** Sharing in the summer training courses of students of the third year (2002- Till now).
- 10-** Attendance of lecture about the need to establish a system to manage crises and catastrophe in university: Role of faculties. Faculty of Pharmacy, Alexandria University, Alexandria (Prof. Dr/ Sawsan El Masry), 27 December, 2008.
- 11-** Attendance of lecture about Academic Standards and NARS. Faculty of Pharmacy, Alexandria University, Alexandria (Prof. Dr/ Nourhan El Fanaky), 23 March, 2009.
- 12-** Attendance of work shop about Comparison between Academic Standards of Faculty of Pharmacy, Alexandria University and NARS. Faculty of Pharmacy, Alexandria University, Alexandria (Prof. Dr/ Nawal Khalafallah), 31 March, 2009.
- 13-** Attendance of lecture about Counterfeit herbal medicine: The problem and strategies for solution. Faculty of Pharmacy, Alexandria University, Alexandria (Prof. Dr/ Sawsan El Masry), 11 April, 2009.
- 14-** Attendance of work shop about Student Assessment. Faculty of Pharmacy, Alexandria University, Alexandria (Prof. Dr/ Salah El kharashy), 13 May, 2009.
- 15-** Attendance of lectures associated with Development of Student's Assessment and Exams in Alexandria University Project, Faculty of Pharmacy, Alexandria University, Alexandria (Prof. Dr/ Medhat El Nemr), 20,22 July, 2010.
- 16-** Participate in lecture to sensitize the students about the importance of quality and accreditation, Faculty of Pharmacy, Alexandria University, Alexandria, 1 December, 2014.
- 17-** Attendance of work shop about Assessment and Controls. Faculty of Engineering, Alexandria University, Alexandria (Ass. Prof. Dr/ Sahar El Goweley), 7 December, 2014.
- 18-** Attendance of a lecture about ADRI. Faculty of Pharmacy, Alexandria University, Alexandria (Prof. Dr/ Saied Abo Zeed), 9 December, 2014.
- 19-** Attendance of a workshop "Assessment: The real driver for competency-based education in Pharmacy" Alexandria University, Alexandria (Dr/ Mohamed M. Issa, Ass.Prof. Pharmacy Practice Department, Faculty of Pharmacy, BAU), 18 July, 2018.
- 20-** Attendance of a workshop about "Flipping Classroom and Web-2 tools" (Dr/ Sally Galal and Dr/ Hala Zaatout, Faculty of Pharmacy, Alexandria University, Alexandria, 5 November, 2018.

21- Attendance of a lecture about "Development and modernization of higher education system and evaluation of performance" (Prof/ Saleh Khalil) Faculty of Pharmacy, Alexandria University, Alexandria, 2 March, 2019.

22- Attendance of a workshop "Evaluation of the written exam" (Prof/ Sahar El Gowilly) Faculty of Pharmacy, Alexandria University, Alexandria, 15 April, 2019.

23- Attendance of a Lecture "The current status of the scientific research system in Egypt and Faculty of pharmacy – Alexandria University" (Prof. Essam Khamis) Faculty of Pharmacy, Alexandria University, Alexandria, 5 August, 2019.

24- Attendance of NMR workshop (Ass. Prof. Abeer Moawad, Pharmacognosy Department, Beni Suef University) Faculty of Pharmacy, Alexandria University, Alexandria, 2-3 September, 2019.

V- Conferences:

1- Attendance of Alexandria Second International Conference of Pharmaceutical Sciences and Technology, Alexandria, 25-27 October, 2000.

2- Attendance of Ethical and Social Responsibilities in Science and Technology. An International Conference organized by Bibliotheca Alexandrina and MURS International, Alexandria, 19-21 October, 2002.

3- "The DNA50 Exhibition". A Conference organized by Bibliotheca Alexandria and British Council, Alexandria, 30 June, 2004.

4- Participating in the 1st Euro-Mediterranean Conference for Marine and Natural Products. Sharm El-Sheikh, 31 October – 4 November, 2008. "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. Hammada** , Eman Shawky, **(Poster and Proceeding)**

5- Attendance of the 1st Scientific Conference for Quality of Education. Faculty of Physical Therapy, Cairo University, Cairo, 29,30 July, 2009.

6- Participating in BioVision Alexandria 2010 – New Life Sciences: Future Prospects. An International Conference organized by Bibliotheca Alexandrina, Alexandria, 12-15 April, 2010.

- 7- Participating in TWAS/BVA. NXT 2010, Bibliotheca Alexandrina, Alexandria, 10,11 April, 2010. "Bioactive compounds from the fruits of *Nerium oleander* L. cultivated in Egypt", Sawsan El-Masry, **Hala M. Hammoda** and Hala H. Zaatout. **(Poster)**
- 8- 9th Annual Oxford International Conference on the Science of Botanicals (ICSB), 12-15 April, 2010, University of Mississippi. USA. "Flavone glycosides from *Erythrina caffra* (Fabaceae)" Sawsan El-Masry, **Hala M. Hammoda**, Mohamed M. Radwan, S. A. Ross and Hala H. Zaatout. **(Poster and Proceeding in Planta Medica, 76, 534 (2010))**.
- 9- International Pharmacy Conference "Recent Advances in Pharmaceutical Research and Technology" Beirut Arab University- 6,7 May 2010- Beirut, Lebanon. "Constituents of *Erythrina caffra* stem bark grown in Egypt" Sawsan El-Masry, **Hala M. Hammoda**, S.I. Alqasoumi, Maged S. Abdel-Kader and Hala H. Zaatout. **(Poster)**.
- 10- Participating in BioVIsion Alexandria 2012, Bibliotheca Alexandrina, Alexandria, 22,25 April, 2012. "Hepatoprotective activity screening of *Inula crithmoides* L. extracts", **Hala M. Hammoda**, Maha A. Aboul Ela, Abdalla M. El-Lakany, Maged S. Abdel-Kader, Saleh. I. Alqasoumi and Safa M. Shams-El-Din. **(Poster)**
- 11- Attendance of 3rd Scientific conference of Faculty of Pharmacy Cairo Univerasity on "Good Pharmacy Practice", 25, 26 April, 2012.
- 12- 12th Annual Oxford International Conference on the Science of Botanicals (ICSB), 15-18 April, 2013, University of Mississippi. USA. "Phytochemical and antioxidant investigation of *Tribulus terrestris*" Sawsan El-Masry, **Hala M. Hammoda**, Nabila M. Ghazy, Fathalla M. Harraz, Mohamed M. Radwan, Mahmoud A. ElSohly, Ingy I. Abdallah. **(Poster and Proceeding in Planta Medica, 79, 392 (2013))**.
- 13- Attendance of BioVIsion Alexandria 2014, Bibliotheca Alexandrina, Alexandria, 7-9 April, 2014.
- 14- Participating in 23^o SILAE Congress of Ethnomedicine, 7-12 September, 2014, Marsala, Italy. "Chemical composition, antimicrobial, antioxidant and insecticidal activities of essential oils of *Conyza linifolia* and *Chenopodium ambrosioides*" **Hala M. Hammoda**, Fathallah M. Harraz, Maged G. Al Ghazouly, Mohamed A. Farag, Ahmed F. El-Aswad and Samar M. Bassam. **(Poster)**.
- 15- 14th Annual Oxford International Conference on the Science of Botanicals (ICSB), 2-6 August, 2014, University of Mississippi. USA. "Two new flavones glycosides from *Chenopodium ambrosioides* growing wildly in Egypt" **Hala M. Hammoda**, Mohamed M. Radwan, Fathalla M. Harraz, Maged G. El Ghazouly, Mahmoud A. ElSohly, Amira S.

Wanas and Samar M. Bassam (**Poster and Proceeding in Planta Medica, 80, 792, PD 67 (2014)**).

16- Attending 1st PUA International Conference on “Advances in Pharmaceutical Sciences” held on October 27-29, 2015 at Pharos University in Alexandria, Egypt.

17- American Association of Pharmaceutical Scientists (AASP), Orlando, Florida, USA, 25-29 October, 2015. “Anticancer activity-guided fractionation of *Trigonella stellata* extract” M. M. Radwan, S. M. Shams Eldin, A. S. Wanas, A. M. Habib, F. F. Kassem, **H. M. Hammoda**, M. A. ElSohly.

18- 16th Annual Oxford International Conference on the Science of Botanicals (ICSB), 11-14 April, 2016, University of Mississippi. USA:

- “Phenolics and Isoflavans from *Trigonella Stellata* and their NF-Kb and Inos inhibitory activity” S. M. Shams Eldin, M. M. Radwan, A. S. Wanas, S. Khan, A. M. Habib, F. F. Kassem, **H. M. Hammoda**, M. A. ElSohly. (**Poster and Proceeding in Planta Medica, 82, 491, PC 63 (2016)**).

- “Phytochemical investigation of *Lotus corniculatus* growing in Egypt” Abdallah, R. M., **Hammoda, H. M.**, Radwan, M. M., Wanas, A. S., Sallam, S. M., ElSohly, M. A. and El-Gazza, N. S. (**Poster and Proceeding in Planta Medica, 82, 496, PC 81 (2016)**).

- “Phytochemical investigation of *Senecio vulgaris* L.” **Hammoda, H. M.**, Kassem, F. F., Radwan, M. M., Wanas, A. S., Darwish, R. S., ElSohly, M. A. and Habib, A. M. (**Poster and Proceeding in Planta Medica, 82, 496, PC 82 (2016)**).

19- Attendance of The Annual Conference of Faculty of Pharmacy – Alexandria University, 6-7 November, 2016.

20- Attendance of 1st International conference of Pharmaceutical and Medical Sciences, Suez Canal University, Faculty of Pharmacy, Engineering Military Authority House, Cairo, Egypt, 1,2 April, 2017 “Volatiles profiling in *Cupressus* genus leaf and cone as analyzed via GC/MS coupled to chemometrics” **Hala M. Hammoda**, Fathalla M. Harraz, Mohamed A. Farag, Ahmed F. El-Aswad, Amr M. El-Haweet, Asmaa M. Eid.

21- Attendance of 1st Pharmacist Day, College of Pharmacy, Arab Academy for Science, Technology and Maritime Transport, 2 May, 2017.

22- Attendance of 21st Annual International Scientific Conference, Oncology Pharmacist workshop: Modern role and future expectations, Hilton Alexandria King's Ranch, Alexandria, Egypt, 7- 8 November 2018.

23- Attendance of 6th Annual Scientific Conference of Faculty of Pharmacy, Alexandria University at Faculty of Pharmacy, Alexandria, Egypt, 19 November 2018.

24- Attendance of "International Women's Day Event" Faculty of Pharmacy, Alexandria University at Faculty of Pharmacy, Alexandria, Egypt, 7 March 2019.

25- Attendance of "The 5th Pharmacy Expo 2019" The biggest gathering of Pharmacists, Hilton Cairo Heliopolis, Cairo, Egypt, 9-11 March 2019.

26- Attendance of "The First Scientific Conference for Graduate Studies" Faculty of Pharmacy, Alexandria University at Faculty of Pharmacy, Alexandria, Egypt, 2 May 2019.

27- Chairman and Speakers in 6th International Conference and Exhibition on "Natural Products and Medicinal Plants Research" Vienna, Austria 24,25 June 2019. "Green techniques in comparison to conventional ones in the extraction of Amaryllidaceae alkaloids.

VII- Committees:

Member in:

1- Committee of Community service affairs and Environmental development, Faculty of Pharmacy, Alexandria University in the academic year 2010/2011 and 2012/2013.

2- Committee for Revision and Analysis of exams, Faculty of Pharmacy, Alexandria University in the academic year 2010/2011.

3- The higher committee for supervision on Clinical pharmacy program at Faculty of Pharmacy, Alexandria University from the academic year 2010/2011 till now.

4- Coordinator of committee of postgraduate and external relations in the Clinical pharmacy program at Faculty of Pharmacy, Alexandria University in the academic years 2011/2013.

5- Coordinator of committee of quality in the Clinical pharmacy program at Faculty of Pharmacy, Alexandria University from the academic years 2013/2014 till now.

6- Head of the committee for preparing the results of postgraduate study (control) Faculty of Pharmacy, Alexandria University in the academic years 2013/2015.

7- Committee of graduate studies affairs and scientific research from the academic year 2012/2013 till now.

8- Committee responsible for preparing the file of establishment of Pharmacy Practice Department at Faculty of Pharmacy, Alexandria University.

- 9- Committee responsible for proposing a new curriculum of bachelor degree of Pharmacy by credit hours system (2017-2019).
- 10- Committee for proposing the ideal employee and ideal worker in Faculty of Pharmacy, Alexandria University in the academic years 2017-2018.
- 11- Committee to study the report about the deviation in clinical pharmacy at Faculty of Pharmacy, Alexandria University (2018-2019).
- 12- Committee for development of curricula of postgraduates studies (2018 – 2019).
- 13- Executive Board of the new and specialized programs of the Faculty of Pharmacy – Alexandria University (1/7/2019 – 30/6/2021).
- 14- Quality Coordinator for new and specialized programs in Faculty of Pharmacy (2019/2020).

VIII- Thesis supervision:

- 1- MS thesis of Eman Shawky - Faculty of Pharmacy - Alexandria University, Alexandria, Egypt. "Phytochemical study of some plants belonging to family Amarillidaceae" (2005).
- 2- PhD thesis of Eman Shawky - Faculty of Pharmacy - Alexandria University Alexandria, Egypt. "Phytochemical study of some plants belonging to family Amarillidaceae" (2008).
- 3- PhD thesis of Hala Helmy Zaatout - Faculty of Pharmacy - Alexandria University Alexandria, Egypt. "A phytochemical investigation of some plants belonging to family Fabaceae and family Apocynaceae" (2009).
- 4- MS thesis of Safa Abdel Ghafar Shames El Dein - Faculty of Pharmacy - Alexandria University Alexandria, Egypt. "Phytochemical investigation of *Inula crithmoides* belonging to Family Asteraceae" (2010).
- 5- MS thesis of Ingy I. Abdallah - Faculty of Pharmacy - Alexandria University Alexandria, Egypt. "Phytochemical study of *Tribulus terrestris* L." (2009 - 2012).
- 6- MS thesis of Samar Bassam - Faculty of Pharmacy and Drug Manufacture, PUA, Alexandria, Egypt. "Phytochemical and biological investigation of essential oil-containing medicinal plants belonging to families Chenopodiaceae and Asteraceae" (2011-2013).
- 7- MS thesis of Reham Said - Faculty of Pharmacy - Alexandria University Alexandria, Egypt. "Phytochemical investigation of some plants belonging to genus *Senecio*" (2012-2016).

- 8-** PhD thesis of Safa Abdel Ghafar Shames El Dein - Faculty of Pharmacy - Alexandria University Alexandria, Egypt. "Phytochemical investigation of some plants belonging to family Fabaceae" (2012-2016).
- 9-** MS thesis of Nahla Shawky - Faculty of Pharmacy - Alexandria University Alexandria, Egypt. "Phytochemical investigation of some plants belonging to genus *Lotus* (Fabaceae)" (2013-2016).
- 10-** PhD thesis of Sara Shaker - Faculty of Pharmacy - Alexandria University Alexandria, Egypt. "Green techniques in comparison to conventional methods for the phytochemical investigation of some Amaryllidaceae plants" (2015-2018).
- 11-** MS thesis of Asmaa Mehna - Faculty of Pharmacy - Alexandria University, Alexandria, Egypt. "Phytochemical and biological study of selected plants of the genus *Cupressus*" (2015-2018).
- 12-** MS thesis of Ibrahim Ashraf - Faculty of Pharmacy and Drug Manufacture, PUA, Alexandria, Egypt. "Efficacy of the essential oils of some herbal plants against multidrug resistant *Pseudomonas aeruginosa* and *Burkholderia cepacia*" (2016- 2017).
- 13-** MS thesis of Sara El Hady - Faculty of Pharmacy and Drug Manufacture, PUA, Alexandria, Egypt. "Biotechnological study on *Trigonella stellata* and its possible use as antidiabetic wild herb" (2016- 2018).
- 14-** PhD thesis of Hend Dawood - Faculty of Pharmacy - Alexandria University Alexandria, Egypt. "Screening of some plants and natural products for aromatase inhibitory activity" (2016- 2019).
- 15-** MS thesis of Asmaa Kheiry Ahmed - Faculty of Pharmacy - Alexandria University Alexandria, Egypt. "An investigation into the impact of sprouting on the phytochemicals and biological activities of alfalfa seeds" (2016- 2019).
- 16-** PhD thesis of Reham Said Darwish - Faculty of Pharmacy - Alexandria University Alexandria, Egypt. "Chemical and biological study of some plants belonging to genera *Thuja* and *Juniperus*, Family Cupressaceae" (2017-).
- 17-** MS thesis of Nayera Ahmed - Hospital Pharmacist, Oncology Department, Alexandria University Main General Hospital "Investigation of the *in-silico* and *in-vitro* cytotoxic activities of some alkaloids from Egyptian plants" (2018 -).
- 18-** PhD thesis of Nahla Shawky - Faculty of Pharmacy - Alexandria University Alexandria, Egypt. "Phytochemical Investigation of some Selected Egyptian Plants Demonstrated Anti-obesity Activity through Pancreatic Lipase Inhibition" (2018 -).

19- MS thesis of Hanaa Mohamed El Hadad – Pharmacist "Phytochemical and biological study of the oleo-gum-resin of some *Boswellia* (Olibanum) species" (2018 -).

20- MS thesis of Nour Samir Abdellatif Al Shaikh – Pharmacist " Tissue Culture Study and Biological Screening of *Lagenaria siceraria* (Family Cucurbitacea)" (2019 -).

IX- Thesis evaluation:

1- MS thesis of Nasser Nafaa Abraham, Institute of graduate studies and research - Alexandria University, Alexandria, Egypt. "A study of the effect of sage volatile oil on hepatic toxicity induced by Amoxicillin/clavulanic acid combination in rats" (2014).

2- MS thesis of Munther Aqeel Nashashibi. Institute of graduate studies and research - Alexandria University, Alexandria, Egypt. "A study on the role of some natural antioxidants in alleviation of cytotoxicity of an anticancer drug in mice" (2015).

3- MS thesis of Hesham Mustafa Gebira. Faculty of Pharmacy - Alexandria University, Alexandria, Egypt. "Tissue culture study of some plants belonging to family Umbelliferae (Apiaceae)" (2015).

4- MS thesis of Reham Said Darwish - Faculty of Pharmacy - Alexandria University, Alexandria, Egypt. "Phytochemical investigation of some plants belonging to genus *Senecio*" (2016).

5- MS thesis of Nesma Nasser Hassan. Institute of graduate studies and research - Alexandria University, Alexandria, Egypt. "Susceptibility of some multidrug-resistant pathogens to some natural products" (2016).

6- MS thesis of Mary Shenoda Said - Faculty of Pharmacy - Alexandria University, Alexandria, Egypt. "Phytochemical and Biological investigation of *Alcea rosea* L., Family Malvaceae" (2016).

7- PhD thesis of Mohamed Ali Hegazi - Faculty of Pharmacy – Arab Beirut University Beirut, Lebanon. "Phytochemical study of some plants of genus *Papaver* grown in Lebanon" (2017).

8- MS thesis of Ibrahim Ashraf - Faculty of Pharmacy and Drug Manufacture, PUA, Alexandria, Egypt. "Efficacy of the essential oils of some herbal plants against multidrug resistant *Pseudomonas aeruginosa* and *Burkholderia cepacia*" (2017).

9- MS thesis of Yasmin Adel Abdel Aziz - Faculty of Pharmacy - Alexandria University, Alexandria, Egypt. "Phytochemical study of some plants belonging to family Urticaceae growing in Egypt" (2017).

10- PhD thesis of Mohamed Ahmed Assi - Faculty of Pharmacy – Arab Beirut University Beirut, Lebanon. "A Phytochemical Study of Potential Bioactive Compounds of some *Inula* and *Conyza* Species Growing in Lebanon" (2018).

11- PhD thesis of Sara Shaker - Faculty of Pharmacy - Alexandria University Alexandria, Egypt. "Green techniques in comparison to conventional methods for the phytochemical investigation of some Amaryllidaceae plants" (2018).

12- MS thesis of Asmaa Mehna - Faculty of Pharmacy - Alexandria University, Alexandria, Egypt. "Phytochemical and biological study of selected plants of the genus *Cupressus*" (2018).

13- MS thesis of Nihal Mohamed El Sayed – Faculty of Pharmacy - Damanhour University, Egypt. "Evaluation of some herbal medicinal products using some chemometrics-based methods" (2018).

14- MS thesis of Sara El Hady - Faculty of Pharmacy and Drug Manufacture, PUA, Alexandria, Egypt. "Biotechnological study on *Trigonella stellata* and its possible use as antidiabetic wild herb" (2018).

15- MS thesis of Raed Alaa El-Dein - Faculty of Pharmacy, Suez Canal University, Egypt. "Isolation and structure elucidation of biologically active compounds from some plants growing in Sinai" (2018).

16- PhD thesis of Ahmed Mohamed Abdel Halem Faculty of Pharmacy, Suez Canal University, Egypt. "Isolation and identification of biologically active metabolites from certain natural products" (2019).

17- MS thesis of Asmaa Kheiry Ahmed - Faculty of Pharmacy - Alexandria University Alexandria, Egypt. "An investigation into the impact of sprouting on the phytochemicals and biological activities of alfalfa seeds" (2019).

18- PhD thesis of Hend Dawood - Faculty of Pharmacy - Alexandria University Alexandria, Egypt. "Screening of some plants and natural products for aromatase inhibitory activity" (2019).

X- Scientific conferences organization:

1- Member of the Scientific Committee in the "1st Annual Research Day of Faculty of Pharmacy", 22 February, 2014, University of Alexandria, Alexandria, Egypt.

2- Conference Reviewers committee in the 1st International conference of Pharmaceutical and Medical Sciences, Suez Canal University, Faculty of Pharmacy, Engineering Military Authority House, Cairo, Egypt, 1,2 April, 2017.

XI- Scientific journals and conferences reviewing:

- Reviewer in the following conferences:
 - The Second Euro-Mediterranean Conference "Plant Natural Products". "BioNat-2 Egypt", Alexandria, Egypt. 11 – 13 December (2011).
 - The 1st International conference of Pharmaceutical and Medical Sciences, Suez Canal University, Faculty of Pharmacy, Engineering Military Authority House, Cairo, Egypt, 1,2 April, 2017.
 - "The First Scientific Conference for Graduate Studies" Faculty of Pharmacy, Alexandria University at Faculty of Pharmacy, Alexandria, Egypt, 2 May 2019.

- Reviewer in the following journals:
 - Journal of Liquid Chromatography & Related Technologies.
 - African Journal of Pharmacy and Pharmacology (2013).
 - Journal of Medicinal Plants research (2013).
 - Natural Product Research (2014).
 - Pharmacognosy Magazine (2014).
 - Arabian Journal of Chemistry (2015).
 - Indian Journal of Natural Products and Resources (2017).
 - Current Computer-Aided Drug Design (2018).
 - Medicinal Chemistry (2018).
 - Journal of Essential oil-bearing plants (2018).
 - Records of Pharmaceutical and Biomedical Sciences (2018, 2019).
 - Iranian Journal of Pharmaceutical Research (2019).
 - Journal of Planar Chromatography - Modern TLC (2019).
 - European journal of integrative medicine (2019).

XII- External Evaluator:

- For Pharmacognosy courses, Faculty of Pharmacy, Damanhor University for the academic year 2015/2016.
- For Pharmacognosy courses, Faculty of Pharmacy, Delta University for the academic year 2016/2017.
- For Pharmacognosy courses, Clinical program, Faculty of Pharmacy, Damanhor University for the academic year 2016/2017.

XIII- Rewards:

- 06/1991: Egyptian Pharmaceutical Companies Award for top graduate.
- 06/2006: Alexandria University Award for enhancement of scientific research.
- 05/2010: Award for the best research published in Pharmaceutical Sciences (Pharmacognosy) (Award of Dr. Abdelazim Hefny).
- PhD thesis entitled "Screening of some plants and natural products for aromatase inhibitory activity" Awarded a grant (22.000L.E) from Faculty of Pharmacy, Alexandria University (First round) in the academic year 2016/2017.
- 09/2019: Scientific Excellence Award from Alexandria University.
- Publications rewarded by "Office of Scientific Publishing Excellence of Alexandria University":
 - 1- "Two new alkaloids of the Crinane series from *Pancratium sickenbergeri*" Amina H. Abou-Donia, Masouda E. Amer, Fikria A. Darwish, Fahima F. Kassem, **Hala M. Hammoda**, Maged S. Abdel-Kader, Bing-Nan Zhou and David G. I. Kingston , *Planta Med.*, 68, 379 (2002).
 - 2- "Three new butyl glycosides from *Inula crithmoides* L. growing in Egypt" Abdalla M. El-Lakany, Maha A. Aboul-Ela, **Hala M. Hammoda** and Mohammed A. Abdul-Ghani, *Pharmazie*, 58, 940 (2003).
 - 3- "Alkaloids from the bulbs of *Crinum bulbispermum*" Maha A. Aboul-Ela, Abdalla M. El-Lakany and **Hala M. Hammoda**, *Pharmazie*, 59, 894 (2004).

- 4- "(-)-Amarbellisine, a Lycorine-type alkaloids 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).
- 5- "Determination of Rutin in *Amaryllis belladonna* L. flowers by HPTLC and Spectrophotometry" Amina H. Abou-Donia, Soad M. Toaima, **Hala M. Hammoda**, Eman Shawky, *Chromatographia*, 64,109 (2006).
- 6- "New rapid validated HPTLC method for the determination of Lycorine in Amaryllidaceae plants extracts" Amina H. Abou-Donia, Soad M. Toaima, **Hala M. Hammoda** and Eman Shawky, *Chromatographia*, 65,497 (2007).
- 7- "New constituents of *Artemisia monosperma* Del." **Hala M. Hammoda**, M.A. Aboul Ela, O. El-Hanbali, A.M. El-Lakany, C.S. Zaki and N.M.Ghazy. *Pharmazie*, 63, 611 (2008).
- 8- "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).
- 9- "New rapid validated HPTLC 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).
- 10- "C-flavonoidal glycosides from *Erythrina caffra* flowers" Sawsan El-Masry, **Hala M. Hammoda**, Mohamed M. Radwan, Samir A. Ross and Hala H. Zaatout. 9th Annual Oxford International Conference on the Science of Botanicals (ICSB), 12-15 April (2010) University of Mississippi. USA. (Proceeding in *Planta Medica*, 76, 534 (2010)).
- 11- "New quinic acid derivatives from hepatoprotective *Inula crithmoides* root extract" Maha M. Aboul Elaa, Abdalla M. El-Lakanya, Maged S. Abdel-Kaderb, Saleh. I. Alqasoumib, Safa M. Shams-El-Dinc, and **Hala M. Hammoda**, *Helvetica Acta Chemica*, 95, 61 (2012).
- 12- "A new validated HPTLC method for quantitative determination of 1, 5-dicaffeoylquinic acid in *Inula crithmoides* roots" Maha A. Aboul-Ela, Abdalla M. El-Lakany, Safa M. Shams Eldin and **Hala M. Hammoda**. *Pak. J. Pharm. Sci.*,25, (4), 721 (2012).
- 13- "Chemical constituents from *Tribulus terrestris* and screening of their antioxidant activity" **Hala M. Hammoda**, Nabila M. Ghazy, Fathalla M. Harraz, Mohamed M. Radwan, Mahmoud A. ElSohly, Ingy I. Abdallah. *Phytochemistry*,92, 153-159 (2013).

14- “Chemical composition, antimicrobial, antioxidant and insecticidal activities of essential oils of *Conyza linifolia* and *Chenopodium ambrosioides*” Fathalla M. Harraza, **Hala M. Hammoda**, Maged G. Al Ghazoulya, Mohamed A. Farag, Ahmed F. El-Aswad and Samar M. Bassam. Natural Product Research, 29(9), 879 (2014).

<http://dx.doi.org/10.1080/14786419.2014.988714>

15- “Two new flavone glycosides from *Chenopodium ambrosioides* growing wildly in Egypt” **Hala M Hammoda**, Mohamed M. Radwan, Fathallah M. Harraz, Maged G. Al Ghazouly, Mahmoud A. ElSohly, Amira S Wanas, Samar M. Bassam. Rec. Nat. Prod. 9:4 (2015) 609-613.

16- “Bioactivity-Guided Isolation of Potential Antidiabetic and Antihyperlipidemic Compounds from *Trigonella stellata*” Safa M. Shams Eldin, Mohamed M. Radwan, Amira S. Wanas, Abdel-Azim M. Habib, Fahima F. Kassem, **Hala M. Hammoda**, Shabana I. Khan, Michael L. Klein, Khaled M. Elokely and Mahmoud A. El Sohly, Journal of natural Products, 81, 1154–1161(2018).

17- "Integrated *in silico-in vitro* strategy for screening of some traditional Egyptian plants for human aromatase inhibitors" Hend M. Dawood, Reham S. Ibrahim, Eman Shawky, **Hala M. Hammoda**, Aly M. Metwally. Journal of Ethnopharmacology, 224, 359–372 (2018).

18- “Green techniques in comparison to conventional ones in the extraction of Amaryllidaceae alkaloids: Best solvents selection and parameters optimization” Sarah S. Takla, Eman Shawky, Hala M. Hammoda, Fikria A. Darwish. Journal of Chromatography A, 1567 (2018) 99 –110 (2018).

19- "Evaluation of the influence of green extraction solvents on the cytotoxic activities of Crinum (Amaryllidaceae) alkaloidn extracts using *in-vitro-in-silico* approach" Eman Shawky, Sarah S. Takla, **Hala M. Hammoda**, Fikria A. Darwish. Journal of Ethnopharmacology, 227,139–149 (2018).