

Curriculum Vitae



Name Ahmed AbdelAzim Mahdy Abdel-Lateff

Date of Birth 14.12.1967, Minia, Egypt

Nationality Egyptian

Contacts

Address Department of Pharmacognosy, Faculty of Pharmacy, Minia University, Minia 61519, Egypt.

Contacts Tel: 0020 1029253730

E-mail: ahmedabdelLateff@gmail.com and ahmed.abdelazeem@mu.edu.eg

Orchid number <https://orcid.org/0000-0002-7226-1205>

Education **Ph.D.** in Natural Product Chemistry, Pharmaceutical Biology Institute, Bonn University, Germany, 2004.

Master in Pharmacognosy, Faculty of Pharmacy, Cairo University, Egypt, 1997.

Bachelor in Pharmaceutical Sciences, Assiut University, Egypt, 1990.

Recent Certificate

Fellowship in Health Professions Education and Leadership offered by The Foundation for Advancement of International Medical Education and Research Ain Shams University Middle East North Africa FAIMER Regional Institute ASU MENA FRI, Cairo, Egypt, January 2022-2024

Member of the Supreme Committee for Supervision of Pharmaceutical Training of the Supreme Council of Universities, Egypt 2025-2028

Member of the Pharmaceutical Studies Sector Committee of the Supreme Council of Universities, Egypt, 2025-2028

Work Experience

1. Twenty years teaching, after Ph. D, for both under and post-graduate students, in both unit and credit hour systems (Minia University, Egypt and King Abdulaziz University, Saudi Arabia)
2. Thirty-two years in natural products research.
3. Consultant at the King Abdulaziz University Transformation Management Office King Abdulaziz University.
4. Consultant at the Conferences, Seminars and Workshops Unit, King Abdulaziz University, for two years.
5. Head of the Alumni Unit, faculty of Pharmacy, King Abdulaziz University, for five years.
6. Head of the Surveys committee, Faculty of Pharmacy, King Abdulaziz University, for ten years.
7. Coordinator of the Quality and Academic Accreditation Unit (QAAU), at faculty of Pharmacy, King Abdulaziz University, for ten years.
8. Member of the Organizing Committee for the accreditation of the PharmD program at faculty of Pharmacy King Abdulaziz University, (Awarding body is Canadian Council for the Accreditation of Pharmacy Programs).
9. Participated in organization of several workshops, which held at Faculty of Pharmacy through his work in the Quality Unit at King Abdulaziz University.
10. Participated in the design and development of the PharmD program, at faculty of Pharmacy, King Abdulaziz University.

11. Contributed in preparing the description and the annual report of the PharmD program for several years.
12. Participated in preparing the annual report to follow up the accreditation of the Faculty of Pharmacy from the Canadian Council for the Accreditation of Pharmacy Programs.
13. Preparing and following up the internal self-evaluation of the scientific departments, Faculty of Pharmacy, King Abdulaziz University.
14. Designating a policy for selecting and rewarding distinguished academics and administrators.
15. Participated in the Quality Assurance Program (EQAUP) at Faculty of Pharmacy, King Abdulaziz University.
16. Coordinator of the postgraduates of the Faculty of Pharmacy for Evaluation and Quality Assurance University Program (EQAUP).
17. Preparing a file for submission to the President of King Abdulaziz University for Quality Prize.
18. Participate in the advanced Pharmacy practice experience training for sixth-year students.
19. Participated in conducting the OSCE exam for 4th and 5th year students.
20. Designing and preparing the training course to train the fifth-year students (Occupational Safety and Health Administration (OSHA))
21. Secretary of the Cultural Committee of the College of Pharmacy for three years.
22. Member of the preparation committee for ISO 9001-2015, Faculty of Pharmacy.
23. Participated in the preparation of the Advisory Committee meeting at the Faculty of Pharmacy for two years.
24. Member of the project team for the design and preparation of the PharmD program for the Fakeeh Faculty for Medical Sciences.
25. Co-investigator of the project team between King Abdulaziz University and Tabuk University for the academic scientific supervision of the PharmD program, Faculty of Pharmacy, Tabuk University.
26. Member of the Curriculum Committee, Faculty of Pharmacy, King Abdulaziz University.
27. Member of the Committee for the Preparation of Graduate attributes of the PharmD program, Faculty of Pharmacy, King Abdulaziz University.
28. Consultant to the Committee for the Preparation of Graduate attributes for the Master Program in Pharmaceutical Sciences (Natural Products), Department of Natural Products and Alternative Medicine.
29. Principal investigator for several research projects within the general program at King Abdulaziz University.
30. Co-investigator of the project entitled with: Antifouling friendly metabolites from Saudi Marine Sources (KACST; Project number: 11-ENV1540-03), (2012-2016).
31. Selected within the Quality Knights Program at the Deanship of Quality and Accreditation at King Abdulaziz University.
32. Chairman of the program design of Ph.D. program (Pharmacognosy), Department of Natural Products and Alternative Medicine, Faculty of Pharmacy, King Abdulaziz University.
33. Head and coordinator of designing & preparing a professional diploma curriculum (Medicinal plants), Department of Natural Products and Alternative Medicine, Faculty of Pharmacy.
34. Member of a committee for development of the Master Program in Pharmaceutical Sciences (Natural Products).
35. Member of the committee supervising the programmatic accreditation of the Master Program in Pharmaceutical Sciences (Natural Products).
36. Preparing and teaching two postgraduate courses (Alternative Medicine and Chromatographic & Non-Chromatographic Separation Methods) for the Master Program in Pharmaceutical Sciences (Natural Products), Department of Natural Products and Alternative Medicine.

37. Supervised four master's theses in the Department of Natural Products and Alternative Medicine.
38. Supervised two Ph.D. theses as co-supervisor of theses belonging to the Department of Chemistry, Faculty of Science, King Abdulaziz University.
39. Consultant to the committee for preparing a master's program in Biotechnology, Department of Natural Products and Alternative Medicine.
40. Participated in the development and teaching of the natural products course for the PharmD program.
41. Trainer and consultant to the Natural Products and Alternative Medicine Department (for preparing the self-study and self-evaluation scale reports for the accreditation of the Master Program in Pharmaceutical Sciences (Natural Products)).
42. Chairman of the committee for preparing the description and the program specification and program report of the Master Program in Pharmaceutical Sciences (Natural Products).
43. Consultant for pharmaceutical company (SEKEM), Egypt

Career' History and Positions Occupied

Aug. 2022-Current	Head of Pharmacognosy Department, Faculty of Pharmacy, Minia University, Minia, Egypt.
April 2023-Oct 2023	Head of Quality and Accreditation Unit, Faculty of Pharmacy, Minia University, Minia, Egypt.
Oct. 2006- 2009 and from May 2022-Current	Trainer at FLDP (Faculty Leader Development Project), Minia University, Egypt, Class B (http://www.ncfld.org/Supplementary.php).
May. 2007- 2009 and June 2023-Current	External reviewer at National Authority for Quality Assurance and Accreditation of Education (NAQAAE)
Feb 2024-Current	External reviewer at Permanent Egyptian Scientific Committee for Promotion of Associate Professors and Professors (Pharmacognosy)
Feb 2024-Current	External reviewer at Permanent Scientific Committee for Pharmaceutical Sciences, Council of Research Centers, Institutes and Bodies
Aug.2015- March 2023	Professor, Department Natural Products and Alternative Medicine, Faculty of Pharmacy, King Abdulaziz University, Saudi Arabia.
Dec. 2014- Current	Professor, Pharmacognosy Department, Faculty of Pharmacy, Minia University, Minia, Egypt.
Oct. 2013- Aug. 2014	Associate professor, Department Natural Products and Alternative Medicine, Faculty of Pharmacy, King Abdulaziz University, Saudi Arabia.
Oct. 2009- Aug. 2015	Associate professor, Department Health Information Technology Jeddah Community College, King Abdulaziz University, Saudi Arabia.

Dec.2009- Dec. 2014	Associate professor, Pharmacognosy Department, Faculty of Pharmacy, Minia University, Minia 61519, Egypt.
July 2008 -Oct. 2009	Trainer at FLDP (Faculty Leader Development Project), Minia University, Egypt, Class B (http://www.ncfld.org/Supplementary.php).
August 2007 -October 2009	Peer reviewer at QAAP (Quality Assurance Accreditation Project), High Ministry of Education, Egypt.
March -July 2007	Postdoctoral fellowship at the Faculty of Earth and Environmental science, Hokkaido University, Sapporo, 060-0810, Japan.
March 2006-March 2007	Instructor of herbal medicine course at Pharmacognosy Department, Faculty of Pharmacy, Misr International University (MIU), Ismailia Road, Cairo, Egypt.
Sep. 2005- Aug. 2006	Consultant at R&D Centre at SEKEM Academy, 1 Belbes Desert Road, POB 2834 El Horrya, Heliopolis, Egypt
June 2004-Nov. 2009	Assistant professor, Pharmacognosy Department, Faculty of Pharmacy, Minia University, Minia 61519, Egypt.
Oct.1999- May 2004	Ph. D. Student, Pharmaceutical Biology Institute, University of Bonn, Germany (Scholarship finance awarded from the Egyptian Government)
Dec.1997-Sep.1999	Assistant Lecturer, Pharmacognosy Department, Faculty of Pharmacy, Minia University, Minia, Egypt
Jun 1991- Sep. 1999	Manager of a private pharmacy (4-5 hours daily, at the evening shift).
Jan. 1992-Dec.1997	Assistant Researcher at the National Research Center, Pharmacognosy Department. During this period, the master's degree was awarded from Faculty of Pharmacy, Cairo University, Cairo, Egypt.
Oct.1990- Jan.1992	Military service (Pharmacist in a Main Drug store, Cairo, Egypt)
Sept.1985- Jun 1990	Bachelor of Pharmaceutical Sciences, Faculty of Pharmacy, Assiut University, Egypt. Grade: very good with degree of honor, Fifth of the college and the Senior of Pharmacognosy subject. Awarded a prize from MEPACO Company in 1990

Ph. D Degree *"Secondary metabolites of marine-derived fungi; natural products chemistry and biological activity"* evaluated with excellent degree 2004, (<https://bonndoc.ulb.uni-bonn.de/xmlui/handle/20.500.11811/1627/browse?Ftype=author&value=Abdel-Lateff%2C+Ahmed+Abdel-Azim+Mahdy>)

Master's degree *"A study on cytotoxic principles of selected Annonaceae species"* award a prize of the best research in the natural product chemistry from MEPACO company in 1997

Languages English

**Publications
Papers and Reviews**

1. Fatima B. Alamri, Tariq R. Sobahi, Hanan I. Althagbi, Ahmed Abdel-Lateff, Mohammed Y. Alfaifi, Ayeda Y. Mohammed, Ehab Abdel-Latif, Walied M. Alarif, Bioactivity and molecular docking of lactones isolated from *Centaurea pseudosinaica* Czerep, Saudi Pharmaceutical Journal, 2023, ISSN 1319-0164, <https://DOI.org/10.1016/j.jsps.2023.04.017>.
2. Zainab H Abdul-Hameed, Nahed O Bawakid, Hajer S Alorfi, Tariq R Sobahi, Najla Ali Alburae, Ahmed Abdel-Lateff, Serag Eldin I Elbehairi, Mohammad Y Alfaifi, Nabil A Alhakamy, Walied M Alarif, Monoterpene Indole Alkaloids from the Aerial Parts of *Rhazya stricta* Induce Cytotoxicity and Apoptosis in Human Adenocarcinoma Cells, *Molecules* 2022 Feb 19;27(4):1422. DOI: 10.3390/molecules27041422.
3. Fitri Budiyanto, Mohamed A. Ghandourah, Nahed O. Bawakid, Hajer S. Alorfi, Ahmed Abdel-Lateff, Walied M. Alarif. Threat and gain: The metabolites of the red algae genus *Acanthophora* *Algal Research* 65 (2022) 102751.
4. Hanan Althagbi, Fitri Budiyant, Ahmed Abdel-Lateff, Khalid O. Al-Footy, Nahed O. Bawakid, Mohamed A. Ghandourah, Mohammad Y. Alfaifi, Serag Eldin. Elbehairi, Walied M. Alarif. Antiproliferative Isoprenoid Derivatives from the Red Sea Alcyonacean *Xenia umbellata*. *Molecules* 2021. <https://DOI.org/10.1016/j.sajb>.
5. Zainab H. Abdul-Hameed, Walied M. Alarif, Tariq R. Sobhi, Ahmed Abdel-Lateff, Seif-Eldin N. Ayyad, Farid A. Badria. South African Journal of Botany. New cytotoxic indole-type alkaloids obtained from *Rhazya stricta* leaves. Volume 137, March 2021, Pages 298-302.
6. Mohammed AE, Abdul-Hameed ZH, Alotaibi MO, Bawakid NO, Sobahi TR, Abdel-Lateff A, Alarif WM. Chemical Diversity and Bioactivities of Monoterpene Indole Alkaloids (MIAs) from Six Apocynaceae Genera. *Molecules*. 2021 Jan 18;26(2):488. DOI: 10.3390/molecules26020488.
7. Nahed O Bawakid, Ahmed Abdel-Lateff, Fardous F El-Senduny, Walied M Alarif. *Costus speciosus* J. Koenig (Costaceae), displayed anti-proliferative activities as induced cell cycle arrest and inhibited metalloproteinase in breast cancer cells. *Tropical Journal of Pharmaceutical Research* July 2021; 20 (7): 1365-1372.
8. Nahed Obaid Bawakid, Walied Mohamed Alarif and Ahmed Abdel-Lateff. Rare norisodinosterol derivatives from *Xenia umbellata*: Isolation and anti-proliferative activity. *Open Chemistry Journal*. <https://DOI.org/10.1515/chem-2021-0038>.
9. Alburae NA, Mohammed AE, Alorfi HS, Jaman Turki A, Asfour HZ, Alarif WM, Abdel-Lateff A. Nidulantes of *Aspergillus* (Formerly *Emericella*): A Treasure Trove of Chemical Diversity and Biological Activities. *Metabolites*. 2020 Feb 17;10(2):73. DOI: 10.3390/metabo10020073.
10. Althagbi, H.I.; Alarif, W.M.; Al-Footy, K.O.; Abdel-Lateff, A. Marine-Derived Macrocyclic Alkaloids (MDMAs): Chemical and Biological Diversity. *March Drugs* 2020, 18, 368.
11. Walied M Alarif, Mohamed A Ghandourah, Ahmed Abdel Lateff, Nahed O Bawakid, Ahmed Abdullah Alotaibi, Mohammad Y Alfaifi, Serag Eldin I. Elbehairi. Two new xeniolide diterpenes from the soft coral *Xenia umbellata* displayed anti proliferative effects. *Pharmacognosy Magazine*, Year 2020, Volume 16, Issue 72 [p. 774-779]. DOI: 10.4103/pm.pm-300-20.
12. Alarif WM, Abdel-Lateff A, Alorfi HS, Alburae NA. Alcyonacea: A Potential Source for Production of Nitrogen-Containing Metabolites. *Molecules*. 2019 14, 24.

13. Alarif WM, Al-Lihaibi SS, Bawakid NO, Abdel-Lateff A, Al-Malky HS. Rare Acetogenins with Anti-Inflammatory Effect from the Red Alga *Laurencia obtusa*. *Molecules*. 2019;4(3).
14. Abdel-Lateff A, Alarif WM, Alburae NA, Algandaby MM. Alcyonium Octocorals: Potential Source of Diverse Bioactive Terpenoids. *Molecules*. 2019 Apr 8; 24(7).
15. Sultan S. Al-Lihaibi, Ahmed Abdel-Lateff, Walied Mohamed Alarif, Hajer Saeed Alorfi, Yasuyuki Nogata and Tatsufumi Okino. Environmentally Friendly Antifouling Metabolites from Red Sea Organisms *Journal of Chemistry*, Volume 2019, Article ID 3278394, 15 pages
16. Abdel-Lateff A, Alarif WM, Algandaby MM, Alburae NA, Abdel-Naim AB. J Euryops arabicus displays anti-inflammatory activities in experimental models. *Ethnopharmacol.* 2020 Jan 30;247: 112278. DOI: 10.1016/j.jep.2019.112278. Epub 2019 Oct 4.
17. Basha SZ, Mohamed GA, Abdel-Naim AB, Hasan A, Abdel-Lateff A. Cucurbitacin E glucoside from *Citrullus colocynthis* inhibits testosterone-induced benign prostatic hyperplasia in mice. *Drug Chem Toxicol.* 2019 Jul 12;1-11. DOI: 10.1080/01480545.2019.1635149.
18. Walied M. Alarif, Zahra A. Al-Saihati, Mohamed H. Ph, Ahmed Abdel-Lateff, Mahmoud A. Elfaky, Nahed O. Bawakid, Najla A. Alburae and Hajer S. Alorfi, Cytotoxic Pyran-Based Cembranoids from *Sarcophyton glaucum*, *Letters in Organic Chemistry* 2018, 15, 967-971.
19. Ghandourah, Mohamed A.; Alarif, Walied M.; Abdel-Lateff, Ahmed Antiproliferative effects of isoprenoids from *Sarcophyton glaucum* on breast cancer MCF-7 cells. *Tropical Journal of Pharmaceutical Research* 16 (3), 501-507, 2017.
20. Ahmed Abdel-Lateff, Walied M Alarif, Sultan S Al-Lihaibi and Ashraf B Abdel-Naim. Antiproliferative effects of selected marine organisms collected from Red Sea Pak. *J. Pharm. Sci.* 30, 2, pp.381-386, 2017
21. Tariq R.A. Sobahi, Seif-Eldin N. Ayyad, Ahmed Abdel-Lateff, Mardi M. Algandaby, Hajer S. Alorfi Ashraf B Abdel-Naim Cytotoxic Metabolites from *Callyspongia siphonella* Display Antiproliferative Activity by Inducing Apoptosis in HCT-116 Cells. *Pharmacog. Mag.* 13, S37-S40, 2017
22. EM Hafez, MA Hamad, M Fouad, A. Abdel-Lateff. Auto-brewery syndrome: ethanol pseudo-toxicity in diabetic and hepatic patients. *Human and experimental toxicology*, May, 36(5), 445-450, 2017.
23. Petitbois JG, Casalme LO, Lopez JAV, Alarif WM, Abdel-Lateff A, Al-Lihaibi SS, Yoshimura E, Nogata Y, Umezawa T, Matsuda F, Okino T. Serinolamides and Lyngbyabellins from an *Okeania* sp. Cyanobacterium Collected from the Red Sea. *J Nat Prod.* 2017 Oct 27;80(10):2708-2715.
24. Lopez JA, Al-Lihaibi SS, Alarif WM, Abdel-Lateff A, Nogata Y, Washio K, Morikawa M, Okino T. Wewakazole B, a Cytotoxic Cyanobactin from the Cyanobacterium *Moorea producens* Collected in the Red Sea. *J Nat Prod.* 2016 Apr 22; 79 (4):1213-1218.
25. Abdel-Lateff A, Al-Abd AM, Alahdal AM, Alarif WM, Ayyad SE, Al-Lihaibi SS, Hegazy ME, Al Mohammadi A, Abdelghany TM, Abdel-Naim AB, Moustafa MA, Banjer ZM, Aznar AS. Antiproliferative effects of triterpenoidal derivatives, obtained from the marine sponge *Siphonochalina* sp., on human hepatic and colorectal cancer cells. *Z Naturforsch C.* 2016; 71 (1-2):29-35.
26. WM Alarif, SS Al-Lihaibi, SEN Ayyad, MA Ghandourah, MI Orif, SA Basaif. Cytotoxic Ceramides from *Antipathes dichotoma*. *Journal of the Chemical Society of Pakistan* 38 (3), 553-553.2016
27. Abdel-Lateff A, Alarif WM, Ayyad SE, Al-Lihaibi SS, Basaif SA. New cytotoxic isoprenoid derivatives from the Red Sea soft coral *Sarcophyton glaucum*. *Nat Prod Res.* 2015;29(1):24-30.

28. SEN Ayyad, A Abdel-Lateff, KO Alfooty, H Alorfi, TM Abdelghany, Antiproliferative effects of cembranoid derivatives obtained from Red Sea soft coral *Sarcophyton glaucum* on human colorectal cancer cell lines *Advances in Modern Oncology Research* 1 (1), 48-55, 2015.
29. EM Hafez, MG Paulis, MA Ahmed, M Nagy Fathy, A Abdel-Lateff. Protective and Antioxidant Activity of the *Euryops arabicus* against Paracetamol Induced Hepatorenal Toxicity in Rats. *Journal of Clinical Toxicology* 2015, 5, 1-6.
30. Rihab Angawi, Esraa Saqur, Ahmed Abdel-Lateff, Farid A. Badria, Seif-Eldin N. Ayyad. Cytotoxic Neviotane Triterpene-Type from The Red Sea Sponge *Siphonochalina siphonella*, *Pharmacognosy Magazine*, 2014, 38, 334-341.
31. Ahmed Abdel-Lateff, Walied M. Alarif, Hany Z. Asfour, Seif-Eldin N. Ayyad, Alaa Khedr, Farid. A. Badria, Sultan S. Al-Lihaibi. Cytotoxic effects of three new metabolites from Red Sea marine sponge, *Petrosia* sp. *Environmental Toxicology and Pharmacology*, 2014, 37, Pages 928-935.
32. Sultan S. Al-Lihaibi, Walied M. Alarif, Ahmed Abdel-Lateff, Seif-Eldin N. Ayyad, Ashraf B. Abdel-Naim, Fardous F. El-Senduny, Farid A. Badria. Three new cembranoid-type diterpenes from Red Sea soft coral *Sarcophyton glaucum*: Isolation and antiproliferative activity against HepG2 cells. *European Journal of Medicinal Chemistry*, Volume 81, 23 June 2014, Pages 314-322.
33. Ahmed Abdel-Lateff, Walied M. Alarif, Hany Z. Asfour, Seif-Eldin N. Ayyad, Alaa Khedr, Farid. A. Badria, Sultan S. Al-Lihaibi. Cytotoxic effects of three new metabolites from Red Sea marine sponge, *Petrosia* sp. *Environmental Toxicology and Pharmacology*, 2014, 37, 928-935.
34. Walied M. Alarif, Mohamed H. Abdel-Rhman, Ahmed Abdel-Lateff, Sultan S. Al-Lihaibi. ¹H and ¹³C NMR Spectra of Natural Products Laurene-Type Sesquiterpenes: Theoretical and Experimental Studies. *Asian Journal of Chemistry*, 36, 6623-6629, 2014.
35. SS Al-Lihaibi, A Abdel-Lateff, WM Alarif, Y Nogata, SEN Ayyad, T Okino Potent Antifouling Metabolites from Red Sea Organisms.. *Asian Journal of Chemistry* 27 (6), 2252.2014.
36. Ahmed Abdel-Lateff, Tatsufumi Okino, Walied M. Alarif, Sultan S. Al-Lihaibi. Sesquiterpenes from the marine algicolous fungus *Drechslera* sp. *Journal of Saudi Chemical Society* (2013) 17, 161–165.
37. Walied M. Alarif, Ahmed Abdel-Lateff, Sultan S. Al-Lihaibi, Seif-Eldin N. Ayyad, Farid A. Badria, A New Cytotoxic Brominated Acetylenic Hydrocarbon from the Marine Sponge *Haliclona* sp. with a Selective Effect against Human Breast Cancer, *Z. Naturforsch.* (2013), 68 c, 70–75.
38. Walied M. Alarif, Ahmed Abdel-Lateff, Ahmed M. Al-Abd, Salim A. Basaif, Farid A. Badria, Maher Shams, Seif-Eldin N. Ayyad. Selective cytotoxic effects on human breast carcinoma of new methoxylated flavonoids from *Euryops arabicus* grown in Saudi Arabia. *European Journal of Medicinal Chemistry* 66, 2013,.204-210.
39. Walied M. Alarif, Ahmed Abdel-Lateff, Sultan S. AL-Lihaibi, Seif-Eldin N. Ayyad, Farid A. Badria, Abdulmohsin A. Alsofyani, Zeinab S. Abou-Elnaga. Marine Bioactive Steryl Esters from the Red Sea Black Coral *Antipathes dichotoma*. *CLEAN – Soil, Air, Water* 41, 1116–1121, 2013.
40. Ammar, Seham S. El-Hawary, Ahmed A. Mahdy, Rehab A. Hussein, Tatsufumi Okino. Phytochemical Study of the Biologically Active Fractions of the Oleo-gum-resins of *Boswellia carteri* and *Commiphora myrrha*. *Advances in Environmental Biology*, 2013, 7, 2573-2583.
41. Alyaa H. Ibrahim, Rehab M. Abd El-Baky, Samar Y. Desoukey, Ahmed Abdel-Lateff, Mohamed S. Kamel. Bacterial Growth Inhibitory Effect of *Ceratonia siliqua* L. Plant Extracts Alone and in Combination with Some

- Antimicrobial Agents, *Journal of Advanced Biotechnology and Bioengineering*, 2013, 1, 3-13.
42. Saleh, T. Ezmirly, Ahmed Abdel-Lateff, Walied M. Alarif, Francesca R. Patacchioli, Farid A. Badria. Seif-Eldin N. Ayyad. *In-vitro* and *in-vivo* Study of Cucurbitacins-type triterpene from *Citrullus colocynthis* growing in Saudi Arabia against hepatocellular carcinoma. *Environmental Toxicology and pharmacology*, 2012, 33, 245–251.
 43. Miada F. Abdelwahab, Ahmed Abdel-Lateff, Mustafa A. Fouad, Samar Y. Desoukey, and Mohamed S. Kamel. Biological activities of the different fractions *Petrea volubilis* L. as a source of secondary metabolites. *Bull. Pharm. Sci., Assiut University*, 2011, 34, 9-20.
 44. Seif-Eldin N. Ayyad, Ahmed Abdel-Lateff, Salim A. Basaif. and W. Thomas Shier. Cucurbitacins-type triterpene with potent effects on mouse embryonic fibroblast from *Cucumis prophetarum*, Cucurbitaceae. *Pharmacognosy Research*, 2011, 3, 189-193.
 45. Walied M. Alarif, Sultan S. Al-Lihaibi, Ahmed Abdel-Lateff, and Seif-Eldin N. Ayyad. New Antifungal Cholestan and aldehydes derivatives from red alga *Laurencia papillosa*. *Natural Product Communications*, 2011, 2, 1821-1824.
 46. Ahmed Abdel-Lateff, Bassem S. El-Menshaw, Mohamed Y. Haggag, Gamela M. Wassel Cytotoxic essential oil from *Annona sengalensis* Pers. Leaves. *Pharmacognosy Research*, 2010, 3, 211-214.
 47. Gamal A. Mohamed, Ahmed Abdel-Lateff, Mostafa A. Fouad, Sabrin R. M. Ibrahim, Ehab S. Elkhayat, Tatsufumi Okino. Four methoxylated flavonoid and a steroid glycoside from *Imperata cylindrical*, *Pharmacognosy magazine*, 4, 2009, 28-36.
 48. Ahmed Abdel-Lateff, Katja Fisch and Anthony D. Wright, Trichopyrone: A New Pyrone Derivative from the Marine Sponge-Derived Fungus *Trichoderma* sp., accepted for publication in *Zeitschrift für Naturforschung. C, Journal of biosciences*, 64 (3-4), 2009; 186-192.
 49. Amira M. Gamal-Eldeen, Ahmed Abdel-Lateff Tatsufumi Okino, Modulation of Carcinogen Metabolizing Enzymes by Chromanone A; a New Chromone Derivative from Algicolous Marine Fungus *Penicillium* sp. *Environmental Toxicology and pharmacology*, 28,2009, 317-322.
 50. John Refaat, Ahmed Abdel-Lateff, Mohamed S. Kamel, Ahmed A. Ali, Mahmoud A. Ramadan, Tatsufumi Okino and Yasuyuki Nogata. Antifouling alkaloids from *Crinum augustum* (Amaryllidaceae). *Pharmacognosy Research*, 2009, 43-52.
 51. Ahmed Abdel-Lateff, Ehab S. Elkhayat, Mostafa A. Fouad1, Tatsufumi Okino. Aureobasidin, New antifouling metabolite from marine-derived fungus *Aureobasidium* sp. *Natural Product Communications*, 4, 389-394, 2009.
 52. Ahmed Abdel-Lateff, Bassem S. El-Menshaw, Mohamed Y. Haggag, Mahmoud A. Nawwar. Cytotoxic acetogenins from *Annona glabra* cultivated in Egypt. *Pharmacognosy Research*. 1, 3, 2009, 130-135.
 53. Miada F. Abdelwahab, Ahmed Abdel-Lateff, Samar Y. Desoukey, and Mohamed S. Kamel, Macro-and micro-morphology of *Petrea volubilis* L. cultivated in Egypt, leaf and stem, *Bull. Fac. Pharm. Cairo Univ.*, 47, 2009, 243-285.
 54. Mohamed-Elamir F. Hegazy, Toshifumi Hirata, Ahmed Abdel-Lateff, Mohamed H. Abd El-Razek, Abou El-Hamd H. Mohamed, Nahed M. Hassana, Paul W. Pare, and Ahmed A. Mahmoud. Ketoisophorone Transformation by *Marchantia polymorpha* and *Nicotiana tabacum* Cultured Cells. *Z. Naturforsch.* 2008, 63c, 403-408.

55. Mohamed-Elamir Hegazy, Ahmed Abdel-Lateff, Amira M. Gamal-Eldeen, Fatma Turkey, Toshifumi Hirata, Paul W. Parée, Joe Karchesy, Mohamed S. Kamel and Ahmed A. Ahmed Anti-inflammatory Activity of New Guaiane Acid Derivatives from *Achillea Coarctata*. *Natural Product Communications* 2008, 3, 851-856
56. Ahmed Abdel-Lateff. Bio-Production of Sorbicillin Derivatives from Marine *Trichoderma* sp. *Z. Naturforschung*, 63 c, 631-635, 2008.
57. Ahmed Abdel-Lateff. Chaetominedione, A potent tyrosine kinase inhibitor Isolated from Algicolous Marine Fungus *Chaetomium* sp. *Tetrahedron Letters* 49, 2008, pp. 6398-6400.
58. Kristin Neumann, Ahmed Abdel-Lateff, Stefan Kehraus, Anja Krick, Anthony D. Wright, and Gabriele M. König, Novel Sorbicillinoid Derivatives from the Marine Fungus *Trichoderma viride* Associated with the Caribbean Sponge *Agelas dispar*, *Eur. J. Org. Chem.* 2007, 2268-2275.
59. Hany E. Khalil, Ahmed Abdel-Lateff, Mohamed A. ELShanawany, Mahmoud H. Assaf, and Mohamed S. Kamel. Macro-and Micro-morphology of *Lippia nodiflora* L. cultivated in Egypt: Leaf, flower, stem, and root. *Az. J. Nat. Prod.* 2006, 11, 100-115.
60. Gabriele M. König, Stefan Kehraus, Simon F. Seibert, Ahmed Abdel-Lateff, Daniela Müller Natural products from marine organisms and their associated microbes, review in *Chembiochem* 2006, 7 (2), 229-233.
61. Katja M. Fisch, Ahmed Abdel-Lateff and Gabriele M. König, **Antioxidant Metabolites From Marine Derived Fungi**, Chapter 9, page 361-376, 2006 in **Biomaterials From Aquatic and Terrestrial Organisms**, Milton Fingerman and Rachakonda Nagabhushanam R.
62. Hany E. Khalil, Ahmed Abdel-Lateff, Mahmoud H. Assaf, Mohamed A. ELShanawany, and Mohamed S. Kamel; Gastroprotective metabolites and volatile oil contents obtained from areal part of *Lippia nodiflora* L. *Az. J. Nat. Prod.* 2005, 9, 83-90.
63. Ahmed Abdel-Lateff, Christine Klemke, Gabriele M. König, and Anthony D. Wright; Two New Xanthone Derivatives from the Algicolous Marine Fungus *Wardomyces anomalus* *J. Nat. Prod.* 2003, 66, 706-708.
64. Ahmed Abdel-Lateff, Katja M. Fisch, Gabriele M. König, and A. D. Wright; A New Antioxidant Isobenzofuranone Derivative from the Algicolous Marine Fungus *Epicoccum* sp. *Planta Med.* 2003, 69, 831-834.
65. Ahmed Abdel-Lateff, Gabriele M. König, Katja M. Fisch, Ulrich Höller, Peter G. Jones, and Anthony D. Wright; New Antioxidant Hydroquinone Derivatives from the Algicolous Marine Fungus *Acremonium* sp. *J. Nat. Prod.* 2002, 65, 1605-1611.

Conferences

1. Ahmed Abdel-Lateff, Gabriele M. König, K. M. Fisch, U. Höller, P. G. Jones, A. D. Wright; New Antioxidant Hydroquinone Derivatives from the Algicolous Marine Fungus *Acremonium* sp. Poster presented at 50th G A Annual Congress, Barcelona, Spain, 8-12 September 2002.
2. A. Abdel-Lateff, Gabriele M. König, A. D. Wright; A New Isobenzofuran- one derivative from *Epicoccum* sp., a fungus associated with *Fucus vesiculosus* Poster presented at the third Euroconference on Marine Natural Products, Elmau Castle, Bavaria, 15-20 September 2002.
3. Ahmed Abdel-Lateff, Gabriele M. König, A. D. Wright; Three New Xanthone Derivatives from the Algicolous Marine Fungus *Wardomyces anomalus*. Poster presented at the third Euro-conference on Marine Natural Products, Elmau Castle, Bavaria, 15-20.

4. Ahmed Abdel-Lateff, Antioxidant Derivatives from Marine Fungi. Lecture in the Second International conference of Pharmaceutical and Drug Industries division, National Research Centre Cairo, Egypt, March 7-9, 2005.
5. Ahmed Abdel-Lateff, Stefan Kehraus, Anja Krick, Anthony D. Wright, and Gabriele M. König; Novel Sorbicillinoid Derivatives from the Marine Fungus *Trichoderma viride* Associated with the Caribbean Sponge *Agelas dispar* Poster presented at 65th International Congress of FIP, Cairo, Egypt, September 3-8, 2005.
6. Kristin Neumann, Ahmed Abdel-Lateff, Stefan Kehraus, Anja Krick, and Gabriele M. König, Sorbicillinoid Derivatives from sponge associated Fungi, Poster presented at the Fourth, Euroconference on Marine Natural Products, Paris, France, 12-16 September 2005.
7. Invited audience for the First Dialogue on Innovative Higher Education Strategies (DIES) organized by Cairo University and DAAD Cairo office, titled by Management of Higher Education and Scientific Research, July 1-4, 2006.
8. Invited audience 1st Scientific Conference of Faculty of Pharmacy-Cairo University March 29, 2008.
9. Training of trainer workshop (TOT-1), financed from the Ministry of High Education, in Assiut Faculty Development Center, Assiut university, April 25-May 05.08.
10. Training of trainer workshop (TOT-2), financed from the Ministry of High Education, in Ein Shams university, August from 16 to 26.08.
11. Workshop was titled with Community Colleges in Saudi Arabia: The status Quo and Developmental Aspirations held at King AbdulAziz University January 16-17, 2010.
12. Ahmed Abdel-Lateff, Walied M. Alarif, Sultan S. Al-Lihaibi, New Cytotoxic Isoprenoids Derivatives from *Sarcophyton glaucum* From Red Sea, Poster accepted at international conference on the marine environment on the Red Sea 10-13 Nov 2014, King Abdulaziz University, Jeddah, Saudi Arabia.

Scientific Activities

Instructor

1. Herbal medicine (Credit hour system at MIU University, Two semesters) and one semester at Bani-Swief University, Faculty of Pharmacy.
2. Quality control of herbal medicine according to WHO (Credit hour system, four semesters).
3. Alkaloids; natural product chemistry and biological activities (Five semesters).
4. Biosynthesis of Natural products (Three semesters).
5. Fundamentals for Pharmacognosy (Four semesters).
6. Chemotaxonomy for postgraduate (Two years).
7. Applied Pharmacognosy, using of different plant organs as a medicinal drug (Flowers, seeds, fruits, herbs, unorganized, and subterranean organs)
8. Natural products
9. Alternative Medicine
10. Chromatographic and non-chromatographic separations

Projects and activities

1. PI-investigator of the project entitled: Anti-tumor effect of the biosynthesized nanoparticles by the soft coral *Sarcophyton* (2021).
2. PI-investigator of the project entitled: In vivo wound healing effect of *Euryops arabicus*. (2021)
3. PI-investigator of the project entitled: Anti-inflammatory metabolites from Saudi plant (s) (2020).
4. Co-investigator of the project entitled with: Antifouling friendly metabolites from Saudi Marine Sources (KACST; Project number: 11-ENV1540-03), (December 2012-2016).

5. PI-investigator of the project entitled: Anticancer metabolites obtained from Saudi marine sponge *Petrosia* sp. (SABIC-KAU-KSA), (March 2013- 2014).
6. Co-investigator of the project entitled: Chemical investigations of the Saudi Red Sea soft coral *Sarcophyton* sp. (SABIC-KAU-KSA), (March 2013-2014).
7. Principle investigator of Bioactive metabolites from marine derived fungi project, funded by DAAD, Germany (Project code 134.104401.212, Total budget 20000 Euro, Nov 2005-2007).
8. One of a responsible management team of the Quality Assurance Accreditation Project (QAAP) for the faculty of Pharmacy, Minia University, Minia 61519, Egypt (October 2004-Octo 2007), (Project code MIN/3/02).
9. Senior Assistant Researcher, National Schistosomiasis Research project (SRP) for the young scientists, funded by US-AID & Egypt-Ministry of Health (Egypt-MOH), entitled: Formulation of controlled release Molluscicidal preparation; Principal Investigator; Prof. Laila Emara [Pharmaceutical Science Department, National Research Centre (NRC), Giza, Egypt, 1992-1994].
10. Senior Assistant Researcher, National Schistosomiasis Research project (SRP), funded by US-AID & Egypt-Ministry of Health (Eg-MOH), Agreement # 10-06-87, entitled: Naturally derived Molluscicides. Principal Investigator: Professor Bassem El-Menshawi, Pharmacognosy Department, National Research Centre, Giza, Egypt, 1994-1997.
11. Senior Assistant Researcher “Antitumor agents from Plants Cultivated in Egypt” funded by National Research Centre, Giza, Egypt; Principal Investigator: Prof. Bassem El-Menshawi, 1992-1997.
12. Senior Assistant Researcher of project “Drugs from Egyptian plants” funded by the Academy of Scientific Research and Technology of the ARAB republic of Egypt during the work in National Research Centre, Giza, Egypt; Principal investigator: Prof. Gamila M. Wassel, 1992-1995

Referee for the following journals

- 1 Chemical Biology & Drug Design
- 2 E. journal of Chemistry
- 3 European Journal of Medicinal Chemistry
- 4 International Journal of Plant Physiology and Biochemistry
- 5 Journal of Agricultural and food chemistry
- 6 Journal of Ethnopharmacology
- 7 Journal of Ethnopharmacology
- 8 Journal of Evidence-Based Complementary and Alternative Medicine.
- 9 Journal of Pharmaceutical Biology
- 10 Marine Drugs
- 11 Natural Products Research
- 12 Pharmacognosy Magazine
- 13 Plos One
- 14 Zeitschrift für Naturforschung C

Selected Attended Courses

1. Training course was “**Separation and Analysis of the Chiral drugs**” National Research Centre, Giza12311, Egypt, 04-05.12.1993.
2. Training course was “**Production and Isolation of The Schistosoma Worm by Using Rats**” Theodor Bilharz Institute, Giza, Egypt, 20-26.05.1995
3. Training course was “**Structural Elucidation of Natural Compounds by Using Nuclear Magnetic Resonance Spectroscopy**” National Research Centre, Giza 12311, Egypt, 16-26.12.1996.
4. Training course was in the field of Leadership and security from the Helwan Leadership Institute, Helwan University 07-11.05.1999.
5. NMR Training course for Jeol and Bruker Machines including the processing and measuring of **1D (¹H, ¹³C, different types of DEPT) and 2 DNMR**

- (**NOESY, COSY, DFQ COSY, HMQC, HSQC, and HMBC**) from the faculty of earth and environmental science, Hokkaido University, Sapporo.
6. Different training courses in the computational operations.
 7. The training course was titled with Education and Academic Accreditation offered by trainers from USA and UK held at King Abdulaziz University Feb. 27 to March 9. 2010.

Training: FLDP (Faculty leader and development project) and others

As Trainee

Training course at **Alcon** company as medical representative from 01 to 15 Sept.1995. Ethics of the professional Job, Secrets of successful personality, Quality assurance of the education, Ethics of the scientific research, Time management, Communication skills of different styles, Effective presentation, Rights of the scientific research, TOT 1 and TOT 2

As Trainer

Effective presentation, Scientific publication, Communication skills and Management of Research Team, Strategic Planning, Time management Teamwork and Presentation skills, (Both of them had been done at the local center of FLD, Minia University, Egypt)

Research Experiences

1. Engaged in erection of new laboratories for research and under graduates (National Research Centre 1991-1999, and Minia University 2004-current).
2. Teaching to students of the master's degree, i.e., postgraduate courses including the different tools used in drug discovery from natural products particularly higher plants (National Research Centre,1991-1997).
3. Teaching the Pharmacognosy courses including the anatomical structures, the Phytochemistry, biosynthesis of the medicinal plants and Herbal medicine (Post and under-graduate courses).
4. Isolation of natural products by different techniques of chromatography (TLC, PTLC, CC, VLC, SPE, and HPLC).
5. Analysis of the substances (mixtures) by using GC-MS and LC-MS (Volatile and non-volatile mixtures). In addition to other spectroscopic analysis, UV, IR, Polarimetry, (Interpretation and self-processing). Structure elucidation of natural products using 1D and 2D NMR Spectroscopy and also self-operating the measurements.
6. Self-executes different biological activities (Cytotoxicity by using brine shrimp; Antimicrobial by Agar diffusion assay and antioxidant activity using DPPH-scavenging).
7. Computer programs (Winword, PowerPoint, ACD, ChemDraw, NMR-Brucker, Antibase, and DNP).