



Curriculum Vitae

Name : Salwa Elsayed Mohamed Elmeligie

Date of Birth: 14/ 10/ 1957

Title : Professor of Organic Chemistry.

Educational Background

1. Doctor of Philosophy (Ph.D.) in Pharmaceutical Sciences - Organic Chemistry- Faculty of Pharmacy, Cairo University, May, 1986".
2. Master degree in Pharmaceutical Sciences -Organic Chemistry- Faculty of Pharmacy, Cairo University, June, 1983.
3. Bachelor degree in Pharmaceutical Sciences –Organic Chemistry- Faculty of Pharmacy, Cairo University, May, 1979, *Excellent with Honor Grade*.

Academic & Professional Posts

1. Member of the Pharmaceutical Studies Sector Committee, Supreme Council of Universities, since November 2017 till now.
2. Quality Consultant at Faculty of Pharmacy- Cairo University since October 12, 2017 till now.
3. Quality Consultant at Ahrum Canadian University since October 12,2017 till 2019.
4. Quality Consultant for Technical Support to Faculty of Pharmacy, MUST University, Jan., till April 2020.
5. The Founder and the Former Dean of Faculty of Pharmacy, Sadat City University, since September 1, 2016 till October 14, 2017.

6. Ex-head of Pharmaceutical Organic Chemistry, Faculty of Pharmacy, Cairo University, since November 14, 2011 to August 31, 2016.
7. Professor & Head of Organic Chemistry, Faculty of Pharmacy, October 6 University, from September 1st, 2003 to August 24, 2011.
8. Internal loan, Faculty of Pharmacy, October 6 University, from October 1st, 2002 to August 24, 2011.
9. Assistant Professor of Organic Chemistry, Faculty of Pharmacy, Cairo University, from July 31, 1991 to May 29, 2003.
10. Professor of Organic Chemistry, Faculty of Pharmacy, Cairo University, since May 28, 2003.
11. Lecturer of Organic Chemistry, Faculty of Pharmacy, Cairo University, from May 30, 1986 to June 30, 1991.
12. Assistant Lecturer of Organic Chemistry, Faculty of Pharmacy, Cairo University, from August 22, 1983 to May 29, 1986.
13. Demonstrator of Organic Chemistry, Faculty of Pharmacy, Cairo University, from December 25, 1979 to August 21, 1983.

Other Posts

1. Head of the team of reviewers conducted by the National Authority of Quality Assurance and Accreditation of Education (NAQAAE) as a team leader of the Accreditation Team since 2011.
2. Member of the "Curriculum Development Committee" (CDC) of Faculty of Pharmacy, Cairo University, since 2020.
3. Evaluator at Project administration, Ministry of Higher Education, since January 2014.
4. Trainer in Faculty and Leadership Development Center, Cairo University, since 2013.
5. External evaluator of Programmes, Faculties of Pharmacy, since 2012.
6. Associate trainer from foundation of International Board of Certified Trainers since 2012.
7. External evaluator of Organic Chemistry courses, Faculties of Pharmacy, since 2010.

8. Evaluation member conducted from the Permanent Pharmaceutical Studies (No 11) Committee of Professors and Assistant Professors, promotion since 2009.
9. Consultant at missions and Cultural Affairs at the Ministry of Higher Education.
10. Evaluator of research projects in many of the faculties of public universities.
11. Member of Council of Faculty of Sadat City University, from September 1st, 2016 till October 2017.
12. Member of Council of Faculty of Pharmacy, Cairo University, from 2011 till 2016.
13. Member of the Council of Organic Chemistry Department, Faculty of Pharmacy, Cairo University, from 1986 to 2002 and from 2011 till 2016.
14. Deputized at the National Authority of Quality Assurance and Accreditation of Education (NAQAAE), Egypt, from October, 2014 till 2016.
15. Director of Quality Assurance Unit, Faculty of Pharmacy, October 6 University, since December, 2007 to February 28, 2014.
16. Organizer the reception of the on-site visit conducted by the National Authority of Quality Assurance and Accreditation of Education (NAQAAE) to evaluate Faculty of Pharmacy, October 6 University, May 8-10, 2011, May 6- 9, 2012 and December 16-18, 2013.
17. Director of several committees, Faculty of Pharmacy, October 6 University, from 2007 to 2014, for example: Strategic plan committee, Academic Standards and Educational Program committee (ASEPC), Awareness and Training committee, Internal Audit committee, Development of plans committee, student families committee, and others.
18. Director of Career Center, Faculty of Pharmacy, Cairo University, from April, 2012 to September 2013.
19. Leader of the undergraduate Student Strong Egypt Family, Faculty of Pharmacy, Cairo University, in 2012/ 2013.
20. Supervisor of the Alumni Affairs Committee, Faculty of Pharmacy, October 6 University, Egypt, from 2010 till 2013.
21. Supervisor of the Summer Training Committee of undergraduate students, Faculty of Pharmacy, October 6 University, Egypt, from 2010 till 2013.

22. Supervisor and participation as a principal member of the Team responsible for " Development of Strategic Plan" for Faculty of Pharmacy, October 6 University, Egypt, from January, 2009 till 2013
23. Member of the "Curriculum Development Committee" (CDC) of Faculty of Pharmacy, October 6 University, from 2009 till 2013.
24. Supervisor of the Management Crisis Committee of the Faculty of Pharmacy, October 6 University, Egypt, from 2009 till 2013.
25. Representative of October 6 University in the Academic and Scientific Committees, from 2007 till 2013.
26. Member of the Quality Assurance and Accreditation Center, October 6 University, from September 2009 to August 31, 2011.
27. Member of the "Student Union Election Committee" in the Faculty of Pharmacy, October 6 University, March, 2011.
28. Leader of the undergraduate Student Future Family, Faculty of Pharmacy, October 6 University from 2003 to 2011.
29. Member of the Council of Faculty of Pharmacy, October 6 University, from 2002 till 2011.

Professional Associations and Community Practice

1. Member of editorial board of "Open Access Research in Anatomy", since 2017.
2. Member of editorial board of "Current Trends in Medicinal Chemistry", since 2017.
3. Reviewer of "Current Computer-Aided Drug Design", since 2017.
4. Member of the Egyptian Pharmaceutical Society, since 1979.
5. Member of the Egyptian General Syndicate of Pharmacists, since 1979.

Research Interests

Synthetic medicinal chemistry: synthesis and characterization of heterocyclic compounds of biological significance in the fields of antihypertensive, anticancer, antimicrobial, etc. This is for international research using modern techniques in synthesis and studying pharmaceutical organic compounds including green chemistry techniques, various chromatographic separation methods, drug design with drug modeling and interpretation of instrumental data, including mass spectrometry, IR, ¹H NMR and ¹³C NMR spectroscopy.

Projects Proposal Preparation

1. Preparation of a Project of "Research Plan" of Pharmaceutical Organic Chemistry Department, Faculty of Pharmacy, Cairo University, since November, 2011 till now.
2. Activate green chemistry project at Pharmaceutical Organic Chemistry Department for a clean environment free of harmful chemicals, since November 2011 till 2016.
3. Introducing green chemistry topics in some conferences such as "GMP, GCP & Quality Control", Valencia, Spain 2014 and "Pharma Middle East", Dubai 2015.
4. Participation in getting Accreditation system to Faculty of Pharmacy, October 6 University, February 5, 2014, submitted by NAQAAE.
5. Supervision on research project entitled "Design and Synthesis of Multi-Targeted Kinase Inhibitors as Potential Anticancer Agents", Faculty of Pharmacy, Ain Shams University, November, 2013.
6. Preparation of a Project of "Career Center Plan" of Faculty of Pharmacy, Cairo University, April, 2012.
7. Participation in preparation of a proposal for "Accreditation system of the Faculty of Pharmacy, October 6 University", July, 2011.
8. Preparation of a Project of "Five- Year 2010-2014 Strategic Plan" of Faculty of Pharmacy, October 6 University submitted to NAQAAE, March, 2011.
9. Introducing a new course to postgraduate students entitled "Recent Trends in Pharmaceutical Organic Chemistry", Faculty of Pharmacy, Cairo University, since 2012.

Fellowship

Fellowship in U.S.A. for 3 months from 22/6/2001 to 22/9/2001 in one of Organic Chemistry Laboratories, Faculty of Pharmacy, Iowa University under supervision of the American Professor Dr. Robert J. Linhardt, during it:

1. Finishing a single research in the Faculty of Pharmacy, Iowa University.
2. Participating in number of Symposiums under supervision of Professors from Japan and Korea 8/ 2001.
3. Participating in the International American Chemical Society (ACS) Conference at Chicago, USA, from August 26-30, 2001.

Awards

The best program award in October 6 University, in the field of Quality Assurance, October 6 University (O6U), 2008.

Training Courses and Workshops

1. Participation as a trainee in course "Competency-Based Education & Learning" organized by AUF and NAQAAE, December, 2019.
2. Training course in pharmacovigilance from ministry of health at Ahram Canadian University, may 2018
3. Participation as a trainee in the AUF Conference held by NAQAAE to ensure the new pharmaceutical NARS , December 2017.
4. Participation as a trainer in workshop "Strategy of learning and evaluation", Faculty of Commerce, Future University, June 2017
5. Participation as a trainer in the workshop "Internal Review of Higher Education Institutions", Faculty of Dentist, Future University, September, 2017.
6. Participation as a trainer in workshop "Internal Review of Higher Education Institutions", Faculty of Engineering and Technology, Future University, July 4-5, 2017.
7. Participation as a trainer in the 4th Conference held by NAQAAE to ensure the new pharmaceutical NARS , April 2017.

8. Participation in workshop “Validating Standards for e-Learning Program Accreditation for Higher Education Institutions”, NAQAAE, July 27, 2015.
9. Training Course in “TOT supplementary program”, organized by, NCFLD, 24 March-2 April, 2013.
10. Training Course in “TOT preparatory program”, organized by, NCFLD, 6-10 December, 2012.
11. Training Course in “Learning Outcomes and Curriculum Mapping for Higher Education Institutions” organized by NAQAAE, December, 2012.
12. Joint Seminar on “Recent Advances in Natural Products and Biotechnology” held by Faculty of Pharmacy, Cairo University, October, 2012.
13. Training Course in “Institutional Self – Evaluation for Higher Education” organized by NAQAAE, December, 2011.
14. Training Course in “Self Study Practice and documents requirements for Higher Education Institutions ” organized by NAQAAE, December, 2011.
15. "Peer Reviewers training Course for Higher Education Institutions" organized by NAQAAE, November, 2010.
16. Training Course of " Evaluation of Self Study for Higher Education Institutions" organized by NAQAAE, January, 2010.
17. Workshop on Educational Institutions strategic Planning and SWOT Analysis" held by October 6 University, January, 2009.
18. Training Course in "Strategic Planning organized by NAQAAE, October, 2008.
19. Training Course in "Standards of Self Study for High Institutions" organized by NAQAAE, July, 2008.
20. Workshop in "Self Study for Higher Education Institutions", July, 2008.
21. Workshop in "Critical Thinking Skills" organized by October 6 University, July, 2008.
22. Training Course in "Legal Aspects for Higher Institutions " organized by Faculty and leadership Development Project (FIDP), June, 2005.
23. Training Course in "leadership Development" organized by Faculty and leadership Development Project (FIDP), June, 2005.

24. Training Courses in Computer Skills, Computer Center, Cairo University, 1995.
25. Training Course in preparation of University teacher, Cairo University, 1985.

Participation in Conferences

1. Participation in the 2nd Conference held by ACU Faculty of Pharmacy, Nov. 2018.
2. Participation in the 4th Conference held by NAQAAE to ensure the quality of education, April 2017.
3. Participation in the 4th International Conference on environmental studies and research entitled “ Smart Sustained Environmental ” as a speaker, March 2017.
4. Participation in the Annual Conference of Faculty of Medicine, Mansoura Universities, entitled “New Trends in Accreditation of Medical Schools ”, as a speaker, 16 November 2016.
5. Participation in the 3rd International Conference "Quality Assurance of Education: Learning for Today and Tomorrow", as an organizer, and trainer, 16-18 April 2016.
6. Participation in the "Pharma Middle East Conference" slated on in Dubai, UAE , as an organizer, co-chair and speaker, 02-04, November 2015.
7. Participation in Conference and celebration of the higher education sector held by NAQAAE "Towards the Reinforcement Quality in Higher Education " , Cairo University, May 25, 2015.
8. Participation in the 6th International Scientific Conference of Faculty of Pharmacy, Cairo University " 2020 Vision of Pharmacy in Egypt" as a referee, April, 2015.
9. Participation in the 1st Conference held by NAQAAE to ensure the quality of education "Present-Challenges - Hopes " ,Al-Azhar University, March, 2015.
10. Participation in the 3rd International Summit on “GMP, GCP & Quality Control”, Valencia, Spain as a co-chair and speaker, 25-26 September, 2014.

11. Participation in the 5th International Scientific Conference of Faculty of Pharmacy, Cairo University " Pharmacy at the Cutting –edge: Facing Future Challenges" as a referee and session chairperson, April, 2014.
12. Participation in the 1st Scientific Conference of Faculty of Pharmacy, October 6 University " Faculty of Pharmacy, October 6 University between the Present and the Future ", December, 2013.
13. Participation in the 4th International Scientific Conference of Faculty of Pharmacy, Cairo University " Pharmacy Education & Community Practice", April, 2013.
14. Participation in the 3rd Scientific Conference of Faculty of Pharmacy, Cairo University " Quality Assurance in Pharmacy Education", April, 2012.
15. Participation in the 2nd Scientific Conference of Faculty of Pharmacy, Cairo University " Quality Assurance in Pharmacy Education", April, 2010.
16. Participation in the 1st annual Conference of October 6 University " Quality in Higher Education: Experiments and Experiences", April, 2009.
17. Participation in the Conference of Faculty of Pharmacy, Cairo University, " Steps on the Accreditation way", December, 2008.
18. Participation in the First International Conference of Quality Assurance and Accreditation Center, Cairo University (QAAC- CU) on "Quality and Accreditation: Current Status and Prospective", Egypt April, 2008.
19. Participation as a speaker in the American Chemical Society Conference, Chicagoo, USA, August, 2001.
20. Participation in the 25th International Egyptian Pharmaceutical Sciences Conference, Cairo, Egypt, December, 1996 by one research.
21. Participation in the 5th International Conference of Ibn Sina, Cairo, Egypt, December, 1995 by one research.
22. Participation in the 21st International Egyptian Pharmaceutical Sciences Conference, Cairo, Egypt, February, 1990 by one research.
23. Participation in the 19th International Egyptian Pharmaceutical Sciences Conference, Cairo, Egypt, 1986 by three researches.
24. Attendance of all periodic conferences and seminars held by the Egyptian Pharmaceutical Society, since 1983.

25. Conduction of seminars within the activities of the Scientific Committee in the Faculty of Pharmacy, Cairo University, about different scientific pharmaceutical topics, including but not limited to:

- Synthesis of some new fused heterocycles for pharmacological study.
- Synthesis of certain nitrogenous compounds containing pyrazole and / or pyridine ring system of biological interest.

Participation in Events Organization

1. Preparation and organization of the Supplementary Accreditation visit conducted by the National Authority of Quality Assurance and Accreditation of Education (NAQAAE) to accreditate Faculty of Pharmacy, October 6 University, December 16- 18, 2013.
2. Preparation and organization of the Accreditation visit conducted by the National Authority of Quality Assurance and Accreditation of Education (NAQAAE) to accreditate Faculty of Pharmacy, October 6 University, May 6- 9, 2012.
3. Preparation and organization of many professional courses and workshops for undergraduate students, since April 2012.
4. Participation in organization of “Endnote“, Faculty of Pharmacy Cairo University, 2012.
5. Participation in organization of “Workshop on Molecular modeling “ Faculty of Pharmacy, Cairo University, 2012.
6. Preparation and organization of the on-site visit conducted by the National Authority of Quality Assurance and Accreditation of Education (NAQAAE) to evaluate Faculty of Pharmacy, October 6 University, May 8- 10, 2011.

Speaker Participation in Different Events

1. Keynote speaker in the Annual Conference of Mansoura Faculty of Medicine entitled “ New Trends in Accreditation of Medical Schools ”, 16 November 2016.
2. An organizer in organizing committee of "Pharma Middle East Conference", November 02-04, 2015, Dubai, UAE held by OMICS Group through:
 - Sending the welcome note of the conference.
 - Speaker in “Green Chemistry as a Recent Trend in Pharmacy Education to Afford Pharmaceutical Products”.
 - Organizer for a workshop entitled “ The Role of Stereochemistry in Pharmacy”.
 - A published paper entitled “Design and Synthesis of Some New Arylphthalazine Containing Derivatives as Possible Cytotoxic Agents.
3. Keynote speaker of the 3rd International Summit on “GMP, GCP & Quality Control” in " Greening the Pharmaceutical Industry to Afford Good Laboratory Practice " September 25-26, 2014, Valencia, Spain.
4. Keynote speaker of the 3rd International Summit on “GMP, GCP & Quality Control” in " Role of Good Laboratory Practice in Good Clinical Practice " September 25-26, 2014, Valencia, Spain.
5. Keynote speaker of the 1st Scientific Conference of Faculty of Pharmacy, October 6 University " Faculty of Pharmacy, October 6 University between the Present and the Future ", December, 2013.
6. Keynote speaker of the “Molecular Modeling Workshops”, Faculty of Pharmacy, Cairo University, December 2012 and June 2013.
7. Keynote speaker of the 4th International Scientific Conference of Faculty of Pharmacy, Cairo University " Pharmacy Education & Community Expectations", April, 2013.
8. Keynote speaker of the “Strategic Planning Workshops”, Faculty and Leadership Development Center, Cairo University, since February 2013.
9. Keynote speaker of the “Quality Standards Workshops”, Faculty and Leadership Development Center, Cairo University, since February 2013.
10. Keynote speaker of the “University Administration Workshops”, Faculty and Leadership Development Center, Cairo University, since February 2013.

11. Keynote speaker of the “Controlling, Monitoring and Performance Evaluation Workshops”, Faculty of medicine, Al-Azhar University-Girls, since February 2013.
12. Keynote speaker of the “Controlling, Monitoring and Performance Evaluation Workshops”, Faculty of Agriculture, Al-Azhar University-Boys, since February 2013.
13. Spread of Quality Assurance awareness for Faculty of Pharmacy, October 6 University through organizing and participating in workshops, seminars and round table discussions about " National Academic Reference Standards for Pharmacy Education ", "Course Specification", "Course Report" , "Program Specification" and " Program Report" , since 2007 till 2013.
14. Keynote speaker of the 3rd Scientific Conference of Faculty of Pharmacy, Cairo University " Quality Assurance in Pharmacy Education", April, 2012.
15. Workshops on the preparation of "Self Study" according to NAQAAE at Faculty of Pharmacy, October 6 University, January, 2010.
16. Workshops on "Strategic Plan" at Faculty of Pharmacy, October 6 University, October, 2009.
17. Trainer for Faculty of Pharmacy, October 6 University on Quality Assurance and Accreditation concepts, standards, guidelines and mechanisms of the National Authority for Quality Assurance and Accreditation of Education (NAQAAE), Egypt, since 2009.

Auditing, Reviewing and Evaluation

1. Member of several committees, Faculty of Pharmacy, Cairo University, since 2011 to now, for example: Review of academic programs for Bachelor degree Committee, academic standards and educational programs committee, strategic plan and leadership and management committee, Board of performance evaluation unit and quality assurance, and others till 2016.
2. Reviewer conducted by the National Authority of Quality Assurance and Accreditation of Education (NAQAAE) as a member of the on-site Accreditation visit Team to different faculties of Pharmacy, since 2011.
3. Examiner of many Master and Doctorate Thesis in Organic Chemistry offered from different Faculties of Pharmacy, Egypt, since 2003.

Development of Institutional Strategic and Operational Plans

1. Preparation of Strategic and Operational Plans for Faculty of Pharmacy, Cairo University (2020- 2025), submitted to NAQAAE, 2021.
2. Preparation of Strategic and Operational Plans for Faculty of Pharmacy, ACU (2015-2019), submitted to NAQAAE, 2018.
3. Preparation of Strategic and Operational Plans for Faculty of Pharmacy, October 6 University (2010-2014), submitted to NAQAAE, 2011.
4. Performance of the institutional "Self Study" of the Faculty of Pharmacy, Cairo University, conducted in academic year 2019/ 2020.
5. Performance of the institutional "Self Study" of the Faculty of Pharmacy, ACU, conducted in academic year 2017/ 2018.
6. Performance of the institutional "Self Study" of the Faculty of Pharmacy, October 6 University, conducted in academic year 2012/2013
7. Preparation of the Development Plan for Faculty of Pharmacy, October 6 University, submitted to NAQAAE, 2011.
8. Performance of the institutional "Self Study" of the Faculty of Pharmacy, October 6 University, conducted in academic year 2010/2011.
9. Performance of the institutional "Self Study" of the Faculty of Pharmacy, October 6 University, conducted in academic year 2009/2010.

Participation in Declarations

1. Participation in Iowa Declaration in International American Chemical Society Conference (ACSC), Chicago, U.S.A. from August 26-30 , 2001.
2. Participation in the achievement of the "Strategic Plan" for October 6 University (2010-2014), since 2009.

Teaching Courses and Graduate Affairs

1. Supervision of master candidates studying Pharmaceutical Organic Chemistry, Faculties of Pharmacy, since 1986 till now.
2. Supervision of Doctoral candidates studying Pharmaceutical Organic Chemistry, Faculties of Pharmacy, since 2000 till now.
3. Referee for Scientific Periodical Journals in Egypt.

Books

1. Preparation of NARS 2017 for Pharmacy published by NAQAAE ,April 2017.
2. Preparation of "Green Pharmacy Education Book", published by Lap Lambert Academic Publishing, Germany, April 2016.
3. Preparation of "Reagent's Book", Faculty of Pharmacy, Cairo University, January 2016.
4. Preparation of "Department's Book", Faculty of Pharmacy, Cairo University, January 2016.
5. Participating in the preparation of the Booklet of the "Self Study, Faculty of Pharmacy, Cairo University, December 2015.
6. Participating in the preparation of the Booklet of the "Self Study, Faculty of Pharmacy, October 6 University, March, 2011, December 2012 and October 2013.
7. Preparation of theoretical and practical books of Organic Chemistry first and second year students, Faculty of Pharmacy, Cairo University, since 2011.
8. Preparation of the Quality Assurance Unit Booklet of Faculty of Pharmacy, October 6 University, since 2010.
9. Preparation of the " Ethical Guide Booklet", Faculty of Pharmacy, October 6 University, 2010.
10. Participation in the preparation of "Strategic Plan Booklet 2010-2014", Faculty of Pharmacy, October 6 University, 2010.
11. Participation in preparation of the "University Students Guide to the Faculty" booklet prepared by the Faculty of Pharmacy, October 6 University, since 2009.

12. Preparation of theoretical and practical books for Organic Chemistry first and second year students, Faculty of Pharmacy, October 6 University, since 2002.
13. Participating in the preparation of theoretical and practical books of Organic Chemistry for first and second year students, Faculty of Pharmacy, Cairo University, since 1996 to 2002.
14. Preparation of theoretical and practical books of Organic Chemistry for first and second year students, Faculty of Pharmacy, Suez Canal, since 1996 to 2001.

Published Peer-Reviewed Researches:

1. Design, Synthesis and screening of benzimidazole containing compounds with methoxylated aryl radicals as cytotoxic molecules on (HCT-116) colon cancer cells. Ryad M. Noha, Professor Mohammed K. Abdelhameid (MO), M. Mohsen Ismail, Manal. R. Mohammed, Elmeligie Salwa, European Journal of Medicinal Chemistry vol. 209, 1 January 2021, 112870.
2. In vivo-and in silico-driven identification of novel synthetic quinoxalines as anticonvulsants and AMPA inhibitors. Hamada S. Abulkhai, Salwa Elmeligie, Adel Ghiaty, Ahmed El-Morsy, Ashraf H. Bayoumi, Hany E. A. Ahmed, Khaled El-Adl, Mohamed F. Zayed, Memy H. Hassan, Eman N. Akl, Mona S. El-Zoghbi; Archiv der Pharmazie, **2021**, 1-18, e2000449. <https://onlinelibrary.wiley.com/doi/epdf/10.1002/ardp.202000449>
3. Efficient Synthesis of New 3-Amino-4-cyanothiophene Derivatives. Chem. Salwa E. M. El-Meligie, Nadia A. Khalil, Hala B. El-Nassan, Ahmed A M. Ibraheem, Pap74(8), 249-2500 (2020) <https://doi.org/10.1007/s11696-020-01070-z>.
4. New Synthetic Approaches to Thieno[3,2-d]pyrimidine and Thieno[3,4-b]pyridine Derivatives. Salwa E. M. El-Meligie, Nadia A. Khalil, Hala B. El-Nassan, Ahmed A M. Ibraheem, Chem. Pap. 74(8), 2501-2514(2020). <https://doi.org/10.1007/s11696-020-01089-2>
5. A review on the synthetic routes to β -ketoamides. Salwa E. M. El-Meligie, Nadia A. Khalil, Hala B. El-Nassan, Ahmed A M. Ibraheem. Curr. Org. Chem., 23, 2005-2015 (2019). DOI:10.2174/1385272823666191021120336

6. Design, synthesis and screening of 4, 6-diaryl pyridine and pyrimidine derivatives as potential cytotoxic molecules. Mohammed K. Abd elhameid, Noha Ryad, Al-Shorbagy MY, Manal R mohammed, Mohammed M. Ismail, and Salwa El Meligie . Chem. pharm. Bull. 66, 1–15(2018).
7. Synthesis and cytotoxic activity of certain trisubstituted azetidin-2-one derivatives as a cis-restricted combretastatin A-4 analogues , Salwa Elmeligie, Azza. T. Taher, Nadia A. Khalil, Ahmed H. El-said, Archives of Pharmacal Research: 40 (2017), 13-24
8. New 3-Substituted-2-(4-hydroxyanilino)pyridine Derivatives: Synthesis, Antitumor Activity, and Tubulin Polymerization Inhibition, S. Elmeligie, N. A. Khalil, E. M. Ahmed, S. H. Emam, Archiv der Pharmazie, 2017, 350, e1600256
9. Design and synthesis of certain new pyridazine containing compounds with promising anticancer activity, S. Elmeligie, E. M. Ahmed, S. M. Abuel-Maaty, S. A. Zaitone, D. S. Mikhail, Chemical and Pharmaceutical Bulletin, 2017, 65, 236–247.
10. Design and Synthesis of Pyridazine Containing Compounds with Promising Anticancer Activity, Salwa Elmeligie Eman Mohamed Ahmed, Suzan Mohamed Abuel-Maaty , Sawsan Abo-Bakr Zaitone , Demiana Samir Mikhail, Chemical and Pharmaceutical Bulletin: 65 (2017), 236–247
11. Nadia Abdalla Khalil, Eman Mohamed Ahmed, Soha Hussein Emam, Archiv der Pharmazie: 350 (2017), e1600256
12. Design, synthesis and cytotoxic activity of certain novel chalcone analogous compounds, S. Elmeligie, A.T. Taher, A. M. Kamal, A. Youssef, European Journal of Medicinal Chemistry, 2017, 126, 52-60.
13. Design, synthesis and cytotoxic activity of certain novel chalcone analogous compounds, Salwa Elmeligie, Azza. T. Taher, Aliaa M. Kamal, Amira Youssef, European Journal of Medicinal Chemistry: 126 (2017), e60
14. Synthesis and cytotoxic activity of certain trisubstituted azetidin-2-one derivatives as a cis-restricted combretastatin A-4 analogues , Salwa Elmeligie, Azza. T. Taher ,Nadia A. Khalil , Ahmed H. El-said, journal of Archives of Pharmacal Research, 2017, 40, 13-24.

15. Synthesis and anticancer activity of certain fused pyridazine derivatives, S. Elmeligie, E. M. Ahmed, S. M. Abuel-Maaty, D. S. Mikhail, Der Pharma Chemica, **2016**, 8(19), 139-147.
16. Synthesis and cytotoxic activity of certain trisubstituted azetidin-2-one as a cis-restricted combretastatin A-4 analogues, S. Elmeligie, A.T. Taher, N.A.Khalil, A. H. El-said, Archives of Pharmacal Research, **2016**, 1-12.
17. Synthesis of New N¹-Substituted-5-aryl-3-(3,4,5-trimethoxyphenyl)-2-pyrazoline Derivatives as Antitumor Agents Targeting the Colchicine Site on Tubulin , Salwa Elmeligie, Nadia Abdalla Khalil, Eman Mohamed Ahmed, Soha Hussein Emam, Sawsan Abo-Bakr Zaitone , Biological and Pharmaceutical Bulletin: 39 (**2016**), 1611-1622
18. Synthesis of new N¹-substituted -5-aryl-3-(3,4,5-trimethoxyphenyl)-2-pyrazoline derivatives as antitumor agents targeting the colchicine site on tubulin, S. Elmeligie, N. A. Khalil, E. M. Ahmed, S. H. Emam, S. A. Zaitone, Biological and Pharmaceutical Bulletin, **2016**. 39, 1611-1622
19. Synthesis and Anticancer Activity of Certain Fused Pyridazine Derivatives , Salwa Elmeligie, Eman M. Ahmed, Suzan M. Abuel-Maaty, Demiana S. Mikhail, Der Pharma Chemica: 8(19) (**2016**) , 139-147
20. Synthesis and Evaluation of Some New (1,2,4) Triazolo(4,3-e) Quinoxalin-4(5H)-one Derivatives as AMPA Receptor Antagonists, S. Elmeligie, A. Bayoumi, A. Ghiaty, A. El-Morsy, H. Abul-Khair and M. H. Hassan, J. Heterocyclic Chem, **2013**, 50, 1202-1208 .
21. Synthesis and Cytotoxic Activity of Certain Diaryl Cyclohexene Derivatives Structurally Related to Combretastatins, S. Elmeligie, M.M. Kandeel, Abd Elhamid, M.K. and A. Aboul-Magd, International Journal of Medicine and Pharmaceutical Sciences. , **2013**, 3, 63-75
22. Synthesis of pyrazolo[3,4-b]pyridine and pyrido[2',3' : 3,4] pyrazolo[1,5-a]pyrimidine derivatives, Mervat M. El-Enany, Salwa E.M. El-Meligie, Nadia A. Abdou, Hala B. El-Nassan; J. Chem. Res., **2010**, 34, 470.
23. Synthesis and Antimicrobial activity of some 3,5 – Diaryl-4,5-dihydropyrazole derivatives, Mervat M. El-Enany, Salwa E.M. El-Meligie, Nadia A. Abdou, Hala B. El-Nassan; Orient. J. Chem., **2010**, 26, 1265.

24. Synthesis and Cytotoxic Activity of Certain New Arylazothiazole Containing Compounds , S. El-Meligie and R. A. El-Awady; J. Heterocyclic Chem., **2002**, 39, 1133.
25. 2-(2-Arylviny)-7-Substituted-Quinazolin-4(3H)-Ones: Synthesis, Reactions and Antimicrobial Activity, S. El-Meligie, A. K. El-Meligie, A. K. El-Ansary, M. M. Said, M. M. M. Hussein; Indian Journal of Chemistry, **2001**, 40B, 62.
26. Synthesis and Reactions of Certain [1,2,4]Triazino[4,5-a]indoles, K. M. Ghoneim, B. Abd El-Fattah, L. N. Soliman, S. EL-Meligie and S. M. Abou El-Maaty; Bull. Fac. Pharm. Cairo Univ., **2001**, 39(2), 11.
27. Synthesis of 4-Substituted Pyrimido[5,4-c]cinnoline Derivatives, K. M. Ghoneim, M. Y. H. Essawi, S. M. El-Meligie and A. M. Kamal; Zagazig J. Pharm. Sci., **2001**, 10(2), 36.
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