

CV:

Personal Information:

Name: Kholoud Ahmed Saleh Dahlous

Chemistry Department, (Organic

Chemistry) College of Science, King

Saud University Nationality: Saudi

Languages: Arabic and English

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Employment History:

- ❖ Assistant professor, Department of Chemistry, King Saud University, Riyadh, Saudi Arabia (since 2018-till now).
- ❖ Lecturer, Department of Chemistry, King Saud University, Riyadh, Saudi Arabia (2013-2018)
- ❖ Teaching assistant, Department of Chemistry, King Saud University, Riyadh, Saudi Arabia (2009-2013)
- ❖ Alternative school contracted with the Ministry of Education (2009)
- ❖ Contract researcher at the Faculty of Science / King Saud University. (2008)

Scientific Degrees:

1. Doctor of Philosophy, Department of Chemistry, King Saud University, Riyadh, Saudi Arabia (2018). Organic chemistry.
Title of PhD *Synthesis and characterization of a novel series of trisubstituted symmetric triazine.*
2. Master's degree: Department: Chemistry. University: King Saud University, Riyadh, Saudi Arabia (2008). Title of Master thesis *Synthesis of some safe anticonvulsant quinazolinone and pteridinone-yl-2-oxothio/barbituric acid derivatives.*
3. Bachelor of Science degree: Department: Chemistry. University: King Saud University (2002).

Committees:

- ❖ A member in The committee of Laboratories and safety in the chemistry department- KSU (2020 –till now)
- ❖ A coordinator in The committee of evaluation and academic accreditation in the chemistry department- KSU (2021-till now).
- ❖ Member of the Statistics Committee in the chemistry department- KSU (2019-till now).
- ❖ Member of the Committee for the Conduct of Tests for the Second Semester at the Department of Chemistry at King Saud University for the year 2022\ and the first semester of the academic year 2019

- ❖ Member of the Development and Quality Committee in the chemistry department- KSU (2018-2021).
- ❖ Rapporteur of the Educational Affairs and Field Training Unit at the Faculty of Science-KSU(2018-2020)
- ❖ Member of the Committee for the Distribution of Study Burdens for Teaching Assistants and Lectures in the Chemistry Department- KSU (2012 - 2018)
- ❖ Member of the Scientific Publishing Committee 2014
- ❖ -Member of the Committee of the Annual Report 2014
- ❖ Member of the Committee for the Distribution of Observations and the Reservation of Halls in the Department of Chemistry in 2009 - 2011
- ❖ Member of the Saudi Chemical Society since 2008 until now
- ❖ Volunteer at the winter forum to train and nominate Saudi teams in the International Olympics 2014
- ❖ Attending the symposium of women and men's anemone on 2012
- ❖ Participation in the examinations of the measurement center in the model schools of education for the year 2008 / 2009 and 2008 / 2009
- ❖ Secretary of the Committee of the Excellence Award for Teaching for the year 2008/2009 Faculty of Science / King Saud University
- ❖ Supervisor in the unit of the Deanship of Development at the Center of Science and Medical Studies Departments 2009
- ❖ Assistant Scientific Researcher at the Vice Deanship of Development and Quality / Deanship of Development 2008.
- ❖ Participate in the organization of a workshop (analysis of strengths and weaknesses in the library) at King Saud University.

Courses and workshops:

Organizers	Date	Workshop
King Abdullah Institute for Research and Consulting Studies at King Saud University	<u>20-21/8/2023</u>	ChatGPT in Teaching and Education
King Abdullah Institute for Research and Consulting Studies at King Saud University	<u>20-21/8/2023</u>	ChatGPT in Research
Researcher Academy On Campus	<u>12/10/2022</u>	How to turn your thesis into an article
Vice Deanship of the College of Arts for Development and Quality, represented by the Skills Development Unit	<u>12/10/2022</u>	Methods of preparing and methodology of scientific research
Awareness and Guidance Committee at the College of Science	<u>18/4/2022</u>	Health awareness lecture (social media, its psychological and physical effects, and ways to reduce its use)
Postgraduate studies of scientific sciences	<u>11/3/2022</u>	Writing Research Proposals writing research proposals workshop
Postgraduate studies of scientific sciences	<u>11/3/2022</u>	Basics and skills of academic posters workshop
Deanship of Library Affairs	<u>31/1/2022</u>	EPSCO course
Deanship of Scientific Research	<u>23-25/1/2022</u>	Promotion of research methodology and dissemination

Deanship of skills Development	<u>13/12/2021</u>	postgraduate course specifications and report
Deanship of skills Development	<u>13/09/2021</u>	Infographics
Deanship of skills Development	<u>20/10/2021</u>	Scientific supervision of graduate students
Deanship of skills Development	<u>09/11/2019</u>	Microteaching Observation
Deanship of skills Development	<u>23-24/10/2019</u>	University Teaching Actions
Deanship of skills Development	<u>30-31/ 5/2019</u>	Assessment of learning outcomes
Deanship of skills Development	<u>14-NOV-2018</u>	Academic Counseling Skills
Deanship of skills Development	<u>30-8-2019</u>	FOR attending the electronic microscope tools an overview on the sem and tem
Deanship of skills Development	<u>8-10/ 5/2015</u>	First Aid and Safety

Conference attendance and training:

- ❖ International Conference and Exhibition for Science 2023 AD
- ❖ Attended the 7th International Chemistry Conference for 3 days (201 Attendance at the

Activities:

- ❖ Course Coordinator 109 Chem for the first year Joint Department of Chemistry –KSU(2022)
- ❖ Supervision and discussion of Master theses in the Department of Chemistry

University and Community Services:

- ❖ Participated in the Mystery of Chemistry event.
- ❖ Participated in the first meeting to align the learning outcomes of the chemistry program with the labor market.

Publications:

1. **Kholoud A. Dahlous**, Saied M. Silliman, ,Matti Haukka, Ayman El-Faham and Raghda A. Massoud . A New 1D Ni (II) Coordination Polymer of s-Triazine Type Ligand and Thiocyanate as Linker via Unexpected Hydrolysis of 2,4-Bis(3,5-dimethyl-1H-pyrazol-1-yl)-6-methoxy-1,3,5-triazine. *Inorganics* **2023**, 11(3),
2. Syeda Abid Ejaz, Muhammad Zain-ul-Abideen, Pervaiz Ali Channar, Aamer Saeed, Aftab Ahmed, Norah Salem Alsaieri, Khadijah Mohammedsaleh Katubi, Qamar Abbas, **Kholoud Dahlous**, Hussain Raza, Song Ja Kim, Muhammad Naeem Mustafa. Synthesis, biochemical characterization and molecular modeling studies of 5-(substituted benzyldiene) pyrimidine-2,4,6-trione: Potential inhibitors of alkaline phosphatase. *Molecular Structure* 23 February **2023**.
3. Fekade Beshah Tessema, Yilma Hunde Gonfa, Tilahun Belayneh Asfaw, Tigist Getachew Tadesse, Mesfin Getachew Tadesse, Archana Bachheti, Devi Prasad Pandey, Saikh M.Wabaidur, **Kholoud A. Dahlous**, Ivan Širi', Pankaj Kumar, Vinod Kumar, Sami Abou Fayssal and Rakesh Kumar Bachheti, Flavonoids and Phenolic Acids from Aerial Part of *Ajuga Integrifolia* (Buch.-Ham. Ex D. Don): Anti-Shigellosis Activity And In Silico Molecular Docking Studies. *Molecules*, January **2023**.
4. Yilma Hunde Gonfa ,Abiy Abebe Gelagle, Bekele Hailegnaw, Samuel Abicho Kabeto, Getachew Adam Workeneh, Fekade Beshah Tessema,Mesfin Getachew Tadesse,Saikh M. Wabaidur, **Kholoud A. Dahlous**,Sami Abou Fayssal,Pankaj Kumar,Bashir Adelodun ,Archana Bachheti and Rakesh Kumar Bachheti. Optimization, Characterization, and Biological Applications of Silver Nanoparticles Synthesized Using Essential Oil of Aerial Part of *Laggera tomentosa*. *Sustainability*. 15, 797, **2023**.
5. Kumar Manimaran· Dhakshinamoorthy GnanaPrakash, Selvaraj, Kumar, Karunanithi, Bogeshwaran,· **Kholoud A. Dahlous**, Abdallah A. A. Mohammed, ManiGovindasamy, Biological approaches of reduced graphene oxide (rGO) nanosheets using *Pleurotus sajor caju*n extract and its in vitro pharmaceutical applications. *Biomass Conversion and Biorefinery*, 29, **2022**.
6. **Kholoud A. Dahlous**, Saied M. Soliman, Ayman El-Faham and Raghdaa A. Massoud. Synthesis and X-ray Structure Combined with Hirshfeld and AIM Studies on a New Trinuclear Zn (II)-Azido Complex with S-Triazine Pincer Ligand. *Crystals*, 12, 1786, **2022**.
7. Shazia Ishfaq, Shazia Nisar, Sadaf Iqbal, Saqib Ali, Syed Tariq Ali, ElSayed Din, Norah Salem Alsaieri, **Kholoud A. Dahlous**, Muhammad Sufyan Javed and Patrizia Bocchetta. A New MBH Adduct as an Efficient Ligand in the Synthesis of Metallodrugs: Characterization, Geometrical Optimization, XRD, Biological Activities, and Molecular Docking Studies. *Molecules*, 27, 8150, **2022**.
8. **Kholoud A. Dahlous**, Saied M. Soliman, Ayman El-Faham and Raghdaa A. Massoud. Synthesis, Molecular and Supramolecular Structures of Symmetric Dinuclear Cd(II) Azido Complex with bis-Pyrazolyl s-Triazine Pincer Ligand. *Symmetry*, 14, 2409, **2022**.

9. K. Veena, M.S. Raghu, K. Yogesh Kumar, **Kholoud A Dahlous**, Aboud Ahmed Awadh Bahajjaj, G. Mani, Byong-Hun Jeon, *, M.K. Prashanth Development of penipanoic C-inspired 2-benzoyl-1-methyl-2,3-dihydroquinazolin-4 (1H)-one derivative as potential EGFR inhibitors: Synthesis, anticancer evaluation and molecular docking study. *Journal of Molecular Structure* 1258,132674, **2022**.
10. **Kholoud A Dahlous**.; Alotaibi, A.A.M.; Dege, N.; El-Faham, A.; Soliman, S.M.; Refaat, H.M.X-ray Structure Analyses and Biological Evaluations of a New Cd(II) Complex with S- Triazine Based Ligand. *Crystals*, 12, 861, **2022**.
11. Khalil, T.E.; **Kholoud A Dahlous**.; Soliman, S.M.; Khalil, N.A.; El-Faham, A.; El-Dissouky, A.Synthesis, X-ray Structure and Biological Studies of New Self-Assembled Cu(II) Complexes Derived from s-Triazine Schiff Base Ligand. *Molecules*, 27, 2989. **2022**
12. Shaveer Ramkissoon, Hessa H. Al-Rasheed, **Kholoud A Dahlous**, Beatriz G. De La Torre, Ayman El-Faham and Fernando Albericio. Scope and Limitations of Barbituric and Thiobarbituric Amino Acid Derivatives as Protecting Groups for Solid-Phase Peptide Synthesis: Towards a Green Protecting Group. *Chemistry Select*, 6, 1–6, **2021**
13. M. Ali, A. Barakat, Ayman El-Faham, Hessa. H. Al-Rasheed, **Kholoud A. Dahlous**, A. M. Al-Majid, A. Sharma, S. Yousef, M. Sanam, Z. Ul-Haq, M. Iqbal Choudhary, B. G. de la Torre, F. Albericio, Synthesis and characterization of thiobarbituric acid enamine derivatives, and evaluation of their α -glucosidase inhibitory and anti-glycation activity” *J. Enzy. Inhib. Med. Chem.*, 2020; 35,1, 692-701.
14. Hessa. H. Al-Rasheed, A.M. Malebari, **Kholoud A Dahlous**, and Ayman El Faham. Synthesis and Characterization of New Series of 1,3-5-Triazine Hydrazone Derivatives with Promising Antiproliferative Activity. *Molecules* 2020, 25, 11. 12. S.
15. Hessa. H. Al-Rasheed, **Kholoud A Dahlous**, E. N. Sholkamy, S. Osman, O. Abd Elkader, Ayman El-Faham. Chitosan-s-triazinyl-bis (2-aminomethylpyridine) and chitosan-s- triazinyl bis (8-oxyquinoline) derivatives: New reagents for silver nanoparticles preparation and their effect of antimicrobial evaluation. *Journal of Chemistry*, 2020,2020. 14. J. Lasri,
16. Hessa. H. Al-Rasheed, **Kholoud A. Dahlous**, A. Sharma, E. Sholkamy, Ayman El Faham, B. G. de la Torre, and F. Albericio. Barbiturate- and Thiobarbiturate-Based s-Triazine Hydrazone Derivatives with Promising Antiproliferative Activities. *ACS Omega*, 2020,5, 26, 15805–15811. 16.
17. Hessa. H. Al-Rasheed, A.M. Malebari, **Kholoud A. Dahlous**, D. Fayne and Ayman El-Faham. Synthesis, Anti-proliferative Activity, and Molecular Docking Study of New Series of 1,3-5-Triazine Schiff Base Derivatives. *Molecules*, 2020, 25, 18. 17. Lasri, M.
18. Soliman, R. A. Massoud, Ram kissoon, Hessa. H. Al-Rasheed, **Kholoud A Dahlous**, B. G. De La Torre, Ayman El-Faham, and F. Albericio. Scope and Limitations of Barbituric and Thiobarbituric Amino Acid Derivatives as Protecting Groups for Solid-Phase Peptide Synthesis: Towards a Green-Protecting Group. *Chemistry Select*, 2021, 6, 26, 6626–6630.
19. H. Al-Rasheed, S. Z. Mohammad, **Kholoud A Dahlous**, M. R. H. Siddiqui, Ayman El-Faham. Synthesis, characterization, thermal stability and kinetics of thermal degradation of novel polymers based-s-triazine Schiff base. *Journal of Polymer Research*, , 27, 1, 1-11, **2019**.

20. Zainab Almarhoon, **Kholoud A Dahlous**, Rakia Abd Alhameed, Hazem A. Ghabbour and Ayman El-Faham A Simple, Efficient, and Eco-Friendly Method for the Preparation of 3-Substituted-2,3-dihydroquinazolin-4(1H)-one Derivatives Molecules, 24, 4052; **2019**.
21. **Kholoud A Dahlous**, Zainab Almarhoon, Ahmed-Yacine Badjah-Hadj-Ahmed, Zeid AL Othman and Ayman El-Faham. Microwave Irradiation Assists the Synthesis of a Novel Series of bis-Arm s-Triazine Oxy-Schiff Base and Oxybenzylidene Barbiturate Derivatives, Molecules, 23, 2976; **2018**.
22. **Kholoud A Dahlous**, Omar H. Abd-Elkader, Moustafa M.G. Fouda, Zeid A. AL Othmana, Ayman El-Fahama, Eco-friendly method for silver nanoparticles immobilized decorated silica: Synthesis & characterization and preliminary antibacterial activity/ Journal of the Taiwan Institute of Chemical Engineers 1-8, **2018**.
23. Ayman El-Faham **Kholoud A Dahlous**, Zeid A. AL Othman, Hamad A. Al-Lohedan and Gamal A. El-Mahdy, sym-Trisubstituted 1,3,5-Triazine Derivatives as Promising Organic Corrosion Inhibitors for Steel in Acidic Solution, Molecules, 21, 436, **2016**.
24. Nabila A Al-Jaber, Makarem M Karah, **Kholoud A Dahlous**, Ahmad M Alafeefy Synthesis of some safe anticonvulsant quinazolinone and pteridinone-yl-2- oxothio/barbituric acid derivatives International Journal of Chemical and Applied Biological Sciences 1(5), January **2014**