

Curriculum vitae 2022

Name: Nafal Nazar Bahjat

Date of Birth: 3-3-1979

Nationality: Jordanian

Current position: Assistant professor at Jerash university/ Jordan

Marital status: Married

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Degrees:

1. Ph.D., Organic-Chemistry, Department of Chemistry, Faculty of Science, University of Malaya, Kuala Lumpur. **Thesis title "SYNTHESIS OF 1,2,4- TRIAZOLE AND 1,3,4-OXADIAZOLE DERIVATIVES DERIVED FROM 2- ETHYLSULFANYL BENZOHYDRAZIDE AND EVALUATION OF THEIR BIOLOGICAL ACTIVITIES"**, February 2016.
2. MSc, Organic Chemistry, College of Science, Al-Nahrain University (Saddam University previously), Baghdad, Iraq. **"SYNTHESIS AND STUDY OF ANTIBACTERIAL ACTIVITY OF SOME NOVEL SCHIFF'S BASES CONTAINING 1,3,4-OXADIAZOLE RING SYSTEM"**, October 2002.
3. BSc, General-Chemistry, College of Science, Al-Nahrain University (Saddam University previously), Baghdad, Iraq, 2000.
4. Graduated from Al-hrere Secondary School for girls (Scientific Section) Baghdad, Iraq, 1997.

ISI and Scopus Publications:

1. A published paper, Nazarbahjat, N., et al., **New Thiosemicarbazides and 1,2,4- Triazolethiones Derived from 2-(Ethylsulfanyl) Benzohydrazide as Potent Antioxidants.** *Molecules.* 2014. 19(8): p. 11520-11537.
2. A published paper, NAZARBAHJAT, NAFAL, et al. **"Synthesis and Characterization of 2, 5-Disubstituted-1, 3, 4-oxadiazole Derivatives with Thioether Groups.** *Asian Journal of Chemistry.* (2014).
3. A published paper, Nafal Nazarbahjat, Farkaad A. Kadir, Azhar Ariffin, Mahmood A. Abdulla, Zanariah Abdullah and Wageeh A Yehye. **Synthesis, Antioxidant Properties and Gastroprotective Effects of 2-(Ethylthio)benzohydrazones on Ethanol-Induced Acute Gastric Mucosal Lesions in Rats.** *Plos One* (2016).
4. Nafal Nazarbahjat , Zanariah Abdullah, Mahmood Ameen Abdulla, John Kwong Siew Shia , Kok Hoong Leong, Azhar Ariffin. **Synthesis, characterization, druglikeness properties and determination of the in vitro antioxidant and cytotoxic activities of new 1,3,4-oxadiazole derivatives.** Manuscript published in *Medicinal Chemistry Research* (2016).
5. Nafal Nazarbahjat , Zanariah Abdullah, Azhar Ariffin. **Biological active 1,2,4- triazole derivatives: Synthesis and Biological studies.** Published in *Chemical Sciences Journal* (2018).
6. Nafal Nazarbahjat, Zahraa Neema Abbas, **Estimation of Radiation Exposure to Some Iraqi Patients with Hyperthyroidism treated with Radioactive Iodine-131 as an Outpatient Basis.** *Indian Journal of Forensic Medicine and Toxicology* (2020).
7. Nafal Nazarbahjat, Zahraa Neema Abbas, **Therapeutic effect of chemically synthesized silver nanoparticles on aphthous stomatitis in Some Iraqi Patients.** *Medico-Legal Update.* (2020).
8. Nafal Nazarbahjat, Zahraa Neema Abbas, **Synthesis and antibacterial activity of silver nanoparticles against both gram-positive and gram-negative bacteria published at International Journal of Pharmaceutical research** (2021).

9. A published paper entitled “The diversity of the use of herbal medicine and natural products for treatment of corona virus disease 2019 (COVID-19). Zahraa Neamah Abbas ¹ , Nafal NazarBahjat ^{2*} , Turkish Journal of Physiotherapy and Rehabilitation; 32(3) ISSN 2651-4451 | e-ISSN 2651-446X (2021).

International Conferences:

1. Participated as a speaker in an International Conference On Ionic Liquids **2013** (ICIL 13) Langkawi Island, Kedah Darul Alahssan, Malaysia under synthesis of new materials with a published paper.
2. Participated in 10TH Annual Chemistry and Mass Spectrometry Congress, October (**2017**) OSAKA, JAPAN.
3. Participated in the ICACB-**2022** which was held in Al-Balqa Applied University, Al-Salt-Jordan 10-12 May (Poster presentation).

Work experience and training courses:

1. Participated in **2-Day Workshop on Literature Review from Effective Searching Approaches to the Ways of Writing Literature at Kuala Lumpur, Malaysia (2013).**
2. **A certificate in English Language Proficiency Programme from University of Malaya 2012.**
3. **A certificate in SPSS Workshop in 2013 held in University of Malaya.**
4. **Participated in 1-Day Workshop on Research Methodology at Kuala Lumpur, Malaysia (2013).**
5. **A certificate in 1-Day Workshop on how to overcome challenges in PhD, Kuala Lumpur, Malaysia (2013).**
6. **Participated in 2-Day Workshop on Publishing in High Impact ISI Journals at Kuala Lumpur, Malaysia (2014).**
7. **Experienced in the operation of most Organic identification Instruments such as Bruker AVN and Lambda.**
8. **Practical and scientific expertise in computer operating, software, desktop and laptop.**
9. **Complete a six years study of French language in Al-hrere high school.**

10. Participated in the occupational safety course in University of Malaya, Malaysia, 2016.

11. Participated at an on line workshop “steps to prepare an electronic exam template using Google form within Google classroom which was held at Mosul University, April, 2020.

12. An attendance as a listener to a Webinar Approaching COVID19 in the digital era: management and advice and also Social Media's Impact on Cardiology and the COVID Pandemic. Speakers from China and Brasil on Zoom May, 2020.

13. Online scientific writing program-Editage-Prince Sattam Bin Abdulaziz University May 2020.

14. On line participation (The Role of Herbal Natural Product in the Era of Corona Virus Pandemic Crisis) workshop at University of Tikrit, Iraq, June 2020.

15. On line participation on the 13th Technical writing workshop which was held by Concordia University, Montreal, Canada, June 2020.

16. On line participation " How to use Google meet platform for video conferencing and online exams controlling was held by Mosul University, Iraq.

17. Participated as a speaker in the Global Women’s Breakfast 2021 Empowers Diversity in Science, February (2021) during the events arranged by (IUPAC) (INTERNATIONAL UNION OF PURE AND APPLIED CHEMISTRY).

18. A reviewer for the journal of Medicinal Chemistry Research (one of Springer Journals) 2020.

Languages:

1. Arabic: Mother tongue Language

2. English: Excellent

3. French: Basic

4. Malay: Basic

Research area of Interest:

General chemistry as a base and advance specialized in:

- 1. Synthetic Organic Chemistry.**
- 2. Heterocyclic Chemistry.**
- 3. Identification of organic compounds.**
- 3. Biochemistry.**

Referees:

1. Dr. Wajdy Al-Awaida/ Associate Professor/ Dean of faculty of Science, American University of Madaba; Tel: 00962772855113 E-Mail: w.alawaida@aum.edu.jo.

2. Prof. Dr. Yahya Salim Al-Degs. Head of Chemistry Department, Faculty of science, Hashemite University/Jordan. Tel: 00962-799899382, Email: yaldegs@yahoo.com.

3. Prof. Dr. Mahmoud Ameen Abdullah. A professor at the Department of General Biology, Faculty of Science, Cihan University-Erbil. E-Mail: mahmood.ameen@cihanuniversity.edu.iq (+964) - 771 234 5678.