Dr. Salim NajmAldain Saber

PERSONAL DETAILS

Full Name   **Salim Najm Aldain Saber**
Residential Address: **Erbil – Zhean**

Mobile: **+964 750 4909516**
E-mail: **salim.saber@su.edu.krd**
Date of Birth: **10 Jun 1986**
Nationality: **Iraqi – Kurdish**

Education

2017–2021   **Inorganic Chemistry and QSAR (PhD-split site)**
Salahaddin University –**Erbil** and UTM - **Malaysia**

Supervisor: Professor Dr. Hikmat Ali Mohamad
Professor Dr. Madzlan Bin Aziz

Thesis title: Synthesis and characterization of Pt(II) and Pd(II) complexes with derivatives of oxadiazoles, triazoles and their anticancer, antioxidant studies.

2011–2012   **Masters in Biochemistry (MSc.)**

University of Huddersfiel - **UK**
Supervisor: Dr. Gordon Morris
Thesis title: Potential Bioactive polysaccharide in Melon

2005 –2009   **Bachelor in Chemistry, Salahaddin University.**

Modules included: Biochemistry, Analytical Chemistry, Organic Chemistry, Inorganic Chemistry, Physical Chemistry and Teaching method.
Final project title: indirect determination of aspirin byAAS

2002 – 2004   **Azady preparation School, Erbil**
High School Certificate

Committee Member & COURSES

- Computer Training Course (**2010 / Iraq**)
- Pre-sessional English language Programme **(2012 / UK**)
- Reporter of chemistry department (**2013**)
- Teaching Methods Course (**2013**)
- Member of Academic staff in chemistry department (**2014 –2022**)
- Presentation 100 academic poster in 1st scientific
- 10 workshops about how to create academic poster Universityof Salahaddin (**2014 – 2016**)
- Member of teaching method committee in chemistrydepartment (**2015 – 2022**)
- Organization committee of many scientific conference (**2016 - 2022**)
- Director of chemistry lab at research center from Universityof Salahaddin **(2017 – 2022)**

Teaching Experience

1. **Inorganic Chemistry:** University of Salahaddin
2. **Biochemistry:** Knowledge University
3. **Forensic Chemistry:** University of Salahaddin
4. **Pharmacy:** Gasha Institute
5. **Academic Debate:** University of Salahaddin
6. **Analytical Chemistry:** University of Salahaddin
7. **General Chemistry:** University of Salahaddin

Computer Skill

- Microsoft XP applications (Word, Excel, Office, PowerPoint,) –
  Advanced
- Microsoft Office Document Imaging and Scanning - **Advanced**
- Acrobat Reader 6.0 – **Intermediate**
- Minitab for anaylsis data – **Advanced**
- Chem-office for draw chemical structure
- Dragon for QSAR
- Solo and PLS

Language Skill

- Kurdish -   **Native**
- English -   **Very good** (reading and writing skills)
- Arabic   **Basic** (reading and writing skills)

Research

My principal research interests lie in the field of biochemistry and synthesis bioactive
metal complexes. I am currently investigating the anti- oxidant and anti-cancer drugs
which are extracted from plants for my PhD. Using the latest separation techniques for
purification and GC-MSand 1D, 2D NMR to detect drug structure.
My future research plans are to extract anti- oxidant and determine the anti-diabetic
polysaccharides in plants and synthesis bioactive metal complexes. I have a particular
expertise and interest in the forensic chemistry, inorganic chemistry and developing latent
fingerprints.

List of publications

1. A Quantitative Structure-Antioxidant Relationship (QSAR) model for 1,3,4-oxadiazole derivatives using PLS regression (ZJPAS (2019) , 31(s4);109-115). (DOI).

2. Studying the Physicochemical Properties and Isolation of Unsaturated Fatty Acids from Edible Oils by GC-MS and Argentated Silica Gel Chromatography (IJS (2021), 62(1)). (Scopus)

3. Characterization and Biological Evaluation for Platinum (II) Complexes of 1,3,4-oxadiazole-2-thione from Fatty Acids (JCSP): impact factor (0.3)

4. Characteristics and Fatty Acid Composition of Various Natural Plant Oil by Using Ft-IR and GC-MS: (The 7th International Graduate Conference on Engineering, Science & Humanities Universiti Technology Malaysia, 13th – 15th August 2018).

5. Development a QSAR Model of 1,3,4-Triazole Derivatives for Antioxidant Activity Prediction (IEEE and Scopus Conference) (2018 International Conference on Advanced Science and Engineering (ICOASE), Kurdistan Region, Iraq)

6. A quantitative structure-antioxidant relationship model for 1,3,4-oxadiazole derivatives using PLS regression (International Conference on Applied Science, Energy and Environment (ICASEE-2018) 7-8-9 April 2018)

7. New Mixed Ligand Cobalt(II), Nickel(II) and Copper(II) Complexes of 2,2'-Bipyridine-3,3'-Dicarboxylic acid (bpdc) with 2-Mercapto-5-Phenyl-1,3,4-Oxadiazole (phozSH) and Their Antioxidant activity (Oriental Journal of Chemistry 36(5):834-842)