

## Curriculum Vitae

### السيرة الذاتية



**Name:** Abdusalam Matoog Ali Hamil

عبدالسلام معتوق همیل

**Scientific degree:** (Professor) Prof. Dr. (أستاذ. الكيمياء غير العضوية)

**Address:** Chemistry Department, Faculty of science, Sebha University, Libya

**Date of Birth:** 01.01.1956

**E-mail:** [abdsalam\\_1956@yahoo.com](mailto:abdsalam_1956@yahoo.com)

[Abd.hamil@sebhau.edu.ly](mailto:Abd.hamil@sebhau.edu.ly)

#### الاوسمة العلمية:

1. شهادة وسام باحث مبادر من منصة اريد العلمية 2020/11/03 م

2. شهادة وسام ناشط في فعاليات منصة اريد العلمية للعام 2020 م

3. شهادة وسام الصفحة المتميزة للعام 2022 م من منصة اريد

4. شهادة شكر وتقدير لتقدير الأوراق العلمية بالمؤتمر الخامس للعلوم والتكنولوجيا 2022 م

**M. phone:** +218 92 3022760

+218915094448

#### Personal information:

**Nationality:** Libyan

**Religion:** Muslim.

**Marital status:** Married.

**Languages:** Arabic, English.

#### Academic Education:

**2012: Ph.D. in Inorganic Chemistry**, Chemistry Department, Faculty of Sciences, University of Omdurman Islamic University. The Republic of Sudan.

**Thesis title:** “SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL ACTIVITY OF SOME SCHIFF BASE COMPLEXES”

**2003: M.Sc. in Chemistry**, Faculty of Science, Sebha University, Sebha-Libya.

**Thesis title:** “TRANSITION METAL COMPLEXES DERIVED FROM BENZENESULPHONYLHYDRAZINE AND p-TOLUENESULPHONYLHYDRAZINE”

**1986: Bs.C** from Chemistry Department, Faculty of science, Sebha University Sebha-Libya.

### **Research Field:**

**Coordination Chemistry:** Synthesis and characterization of transition metal complexes, Schiff Base Complexes.

### **Work Experience:**

#### **Full Time:**

**1976 - 1982** A teacher f o Chemistry at Preparatory and secondary school, sebha, Libya.

**1982 - 1986** Undergraduate study.

**1987-2003: Sebha University**, Chemistry Department, Sebha, Libya - **Teaching Assistance**, undergraduate General and Inorganic chemistry laboratories .

**2004-2010:** Higher Institute of Comprehensive Occupations and Training of Trainers, Sebha-Libya. Cooperative staff- member, Environmental Chemistry laboratories and theoretically.

**2004 at now : Lecturer**, Department of Chemistry, Faculty of Science, University of Sebha, Libya.

**2012 – 2013:** Registered in Faculty of Sciences Sebha.

#### **Part Time:**

**2002-2004:** Sebha University, Chemistry Department, Faculty of Teachers, Sebha-Libya. Cooperative staff- member, undergraduate Inorganic chemistry laboratories and theoretically.

## **Teaching Experience:**

- General Chemistry (First year): 2003-2005.
- Inorganic Chemistry (Second year): 2004.
- Coordination Chemistry (Fourth year,): 2003-2009.
- Special teaching methods (Fourth year, Faculty of teachers) 2002-2004.
- General Chemistry (First year, Faculty of teachers) 2002-2004.
- First year lab (Quantitative and Qualitative analysis): 2003-2008.
- Second year lab (Inorganic and Analytical Chemistry): 2002-2005.
- Fourth year lab (Coordination chemistry): 2003-2009.
- First year lab, Faculty of teachers (Quantitative and Qualitative analysis): 2004.

## **External Activities**

### **الأنشطة العملية/ المهنية**

مقيم للعديد من المجالات والمؤتمرات الدولية في مجال الكيمياء

ترقية محاضر جامعة بنغازي 2018/10/6

ترقية أستاذ مساعد جامعة بنغازي 2019/9/5

ترقية أستاذ مشارك جامعة بنغازي 2018/12/25

ترقية أستاذ مشارك جامعة بنغازي 2018/12/09

ترقية أستاذ مساعد جامعة سبها 3.09.2022

تقييم ورقة لنشر اثيوبيا 2011

تقييم ورقة مجلة جامعة سبها 2020/08/25

تقييم ورقة مجلة جامعة سبها 2021/02/01

تقييم ورقة مجلة جامعة سبها 2022/08/06

مناقشة خارجي رسالة ماجستير (تحصير وتشخيص متراكبات الليجند المختلط), قسم الكيمياء / كلية العلوم / جامعة بنغازي, 2023م.

مقيم كتاب كيمياء غير عضوية, (تمارين غير محلولة), منشورات جامعة بنغازي 2023م

**Publications:****الأوراق المنشورة****Year 2023**

**26.** Lila A. Basher<sup>1</sup>, **Abdusalam M. Hamil<sup>1\*</sup>** ans Marei M. El-ajailyMixed Ligand Complexes: Synthesis and Characterization Studies, كلية التربية – جامعة سرت 2(3),2023.

**Year 2022**

**25.** Amna Q Ali\*a , **Abdusalam M Hamila** , Naser E Eltayeb\*b,c, Siang G Teohd , Saied M Solimane , Jamal Lasrib & Mostafa A Hussienf,g, Synthesis, structural, spectral and molecular docking of Ni(II) and Pd(II) complexes with isatin moiety and their DNA cleavage activity, Indian Journal of Chemistry Vol. 61, September 2022, pp. 928-942

**Year 2020**

**24.** Khalifa M. Khalifa, **Abdusalam M. Hamil**, , Eman I. Mobark and Alkhayali<sup>2</sup> Y. A, Synthesis, Spectral and Antibacterial studies of some transition metal complexes with Schiff base derived from thiosemicarbazide and Phthalaldehyde, *JOPAS* , 19(2), 135-140, 2020.

**23.** K. M. Khalifa, **A.M. Hamil**, A.R. Aluwah, SYNTHESIS AND SPECTRAL STUDY OF Cr(III), Mn(II), Ni(II) AND Cu(II) COMPL- EXES OF SCHIFF BASE DERIVED FROM DIACETYL MONOXIME WITH THIOUREA, *JOPAS* , 19(2), 183-190, 2020.

**22.** **Abdulsalam Hamil** , Khalifa Mosbah Khalifa, Arabya Abdelsalam Almutaleb, Mariam Qasim Nouradean. Synthesis, Characterization and Antibacterial Activity Studies of Some Transition Metal Chelates of Mn(II), Ni(II) and Cu(II) with Schiff Base Derived from Diacetylmon- oxime with Ophenylenediamine, Advanced Journal of Chemistry-Section A, 2020, 3(4), 524–533.

**21.** **Abdusalam M. Hamil\***, Khalifa M. Khalifa, Eman I. Mobark and Y. A. Alkhayali, "synthesis, spectral and biological studies of some metal chelates complexes of schiff-bases derived from phthalaldehyde and benzylamine", MS Ref#: MJC-09-19-2 Received: 17 / 9 /2019 ( Accepted): 30 /10/2019 , ISSN: 1687-5060, Mans J Chem. Vol. 00(0) 2020, 000-000

**Year 2019**

**20.** F. S. Almahde , K. M. Khalifa , **A.M. Hamil**, Complex formation of Cr<sup>3+</sup>, Mn<sup>2+</sup> ions using (E)-1-((3aminophenyl)imino)methyl)naphthalene-2-ol, *JOPAS* Vol.18 No. 3 2019, 32-36.

## Year 2018

19. Amna Qasem **Alia, Abdusalam Matoog Hamil**, Alzadma Elamin Ahmidab and Siang Guan Teoh ,**(2018)**. Synthesis, Spectroscopic, Thermal Studies of Palladium(II) Complex of SNO Donor Schiff Base and Their DNA Cleavage Activity, JOPAS Vol17 No.2,(182 – 189).
18. K. M. Khalifa, **A. M. Hamil**, Alwah R. Alwah,**(2018)**. Complex formation of Cr<sup>3+</sup>, Mn<sup>2+</sup>, Ni<sup>2+</sup> and Cu<sup>2+</sup> ions using 1-((2E,3E)-3-(hydroxyimino)butan-2-ylidene)- urea, Journal of Sebha University-(Pure and Applied Science), JOPAS Vol.17 No. 2 (31- 38).

## Year 2016

17. Amna Qasem Ali, **Abdusalam Matooq Hamil** and Siang Guan Teoh, (2016). Synthesis, Spectroscopic, Thermal Studies of Nickel(II) and Palladium(II) Complexes of Tridentate Ligand and Their DNA Cleavage Activity, Journal of Sebha University-(Pure and Applied Science)-vol.1, No.2, (2016).
16. M. M. El-ajaily, **A. M. Hamil**, M. Abdalkarem and M.Himmet, Isolation and Spectroscopic Characterization of some Schiff Base Complexes. J. Biol. Chem.Chron. 2(2), 01 – 07(2016).

15 Khalifa Mesbah Khalifa , **Abdusalam M. Hamil**, Amna Qasem Ali , Najma Mohamed , Younis A. Alkhayali and Shamsi A. Saad, **(2016)**. Synthesis, Characterization and Antibacterial Studies of 4- Amino-3-hydroxyn- aphthalene -1-sulphoric acid Derivate Chelates of Cr(III), Mn(II), Co(II) and Cu(II) Complexes, Journal of Sebha University-(Pure and Applied Sciences)- 15(2), 12-24.

## Year 2015

14. S. A. Mukhtar, K. N. Khalifa, **A. M. Hamil**, Y. A. Alkhayall, S. A. Saad, Complexes formation of Cr3+, Co2+, Ni2+ and Cu2+ Ions using 4-(2- hydrox- benzylideneamino)-3- hydroxnaphthalene-1-sulfonic acid. Mansoura Journal of Chemistry,V.42 (1) (2015).
13. **Abdsalam M. Ali hamil**, Merie M. El-Ajaily, Mohamed Abdelkrim, Mohamed Himmet, and Hammed Ali bogdadi, Preparation, Characterization and Antibacterial Activity of some Divalent and Trivalent Metal Ion Schiff Base Complexes. J. Bbiol. Chem. Chron. 2015, 1(1), 11 – 14.

## Year 2014

12. **Abdsalam M. Ali hamil**, Merie M. El-Ajaily and Hammed Ali bogdadi, Synthesis Spectroscopic Investigation and Biological of 5-[(Z)-1-( 2-hydrox- phenyl) ethylidene] amino -1, 2, 3, 4 –tetrahydro -1, 4- phthalazinedione Complexes, IJAPBC- Vol. 3(1), Jan – Mar, (2014).

### Year 2013

11. **Abdsalam M. Ali hamil**, Merie M. El-Ajaily, Mohamed Abdelkrim, Mohamed Himmet, and Hammed Ali bogdadi, preparation, characterization and antibacterial activity of some bases complexes, Mansoura Journal of Chemistry, V.40 (1) 209- 221 June (2013).
10. **A. M. Hamil**, M.M. El-ajaily, M. Abdelkarem, H.A.Boghdadi<sup>4</sup> and M. Himmet<sup>5</sup>. Synthesis, Spectroscopic Investigation and Antibacterial Activity of some new Schiff Base Chelates, Journal of Sebha University-(Pure and Applied Science)-vol.12 No.2, 43-57 (2013).

### Year 2012

9. MM. El-ajaily, M. Abdelkarem, M. Himmet, **A. M. Hamil** and HA. Boghdadi, Preparation, Spectroscopic Characterization and Antibacterial Activity of New Schiff Base Complexes, Vol. 3 (4) Oct – Dec 2012.
8. **A. M. Hamil**, M. Abdelkarem, M. Hemmet and M. M. El-ajaily, Synthesis of a New Schiff Base : 2-[2-(E)-(2-hydroxyphenyl) ethylidene]-aminoethyl)ethanimidoyl]phen. International Journal of ChemTech Research, Vol.4, No.2, pp 682-685, April-June 2012.

### Year 2011

7. **A. M. Hamil**, M. M. Al-ajaliy and H., Synthesis and Physiochemical investigation of Cobalt (II) and Ni(II) Complexes of 1-2-[(Z)-2-(3-acetyl- 4-hydroxyphenyl)-1]-1-ethanone. JOURNAL THE CHEMICAL SOCIETY OF PAKISTAN, Volume 33, No. 5. October 2011.

### Year 2010

- 6- K. M. Khalifa, **A. M. Hamil**, A. Q. A. Al-Houni, M. A. Ackacha, Determination of Heavy Metals in Fish Species of the Mediterranean Sea (Libyan coastline) Using Atomic Absorption Spectrometry, Vol.2, No.2, pp 1350-1354, April-June 2010.
- 5- K. M. KHALIFA, **A. M. HAMIL**, A. GASEM and A. ABDULSALAM , Synthesisand Characterization of Some Ni(II) and Cu(II) Complexes with2-[(4-Aminophenyl)imino]-1, 2-diphenyl-1-ethanone, E-Journal of chemistry, 7(1), 49 – 54 (2010).

### Year 2009

- 4- **A. M. Hamil**, M. M. Al-ajaliy and H. A. A. Bogdadi, Synthesis, Preparation, spectroscopic characterization and biological activity of a new azo dye ligand,

International Journal of pharm Tech Research ,Vol.1, No.4 pp 1714-1717 (2009).

3- **A. M. Hamil**, K. M. Khalifa, A. AL-Honi and M. M. Al-ajaliy, Synthesis, of Cobalt(II)Spectroscopic Investigation and ant activity activity of Schiff Base Complexes and Copper (II) Ions, RASAYAN J. Chem. Vol.2, No.2 pp 261-266 (2009).

### **Year 6**

2. تحديد تركيز بعض العناصر الثقيلة في ثمار بعض الخضر بمنطقة سبها، مجلة جامعة سبها للعلوم التطبيقية 2006 م.

### **Year 5**

1. تحديد تركيز بعض العناصر الثقيلة في بعض المعامل الدراسية بكلية العلوم / جامعة سبها، مجلة جامعة سبها(العلوم البحثية والتطبيقية) المجلد الرابع – العدد الثاني (2005 م).

### **Conferences Posters presentations:** **المؤتمرات**

#### **Year 2020**

10. Synthesis, Characterization and Antibacterial studies of 3,3-(*1E,1'E*)-hydrazine-1,2-diylidenebis(methaneylydene))bis(naphthalene-2-ol) derivative chelate of Mn(II), Co(II), Ni(II) and Cu(II) complexes, The Eighth Jordanian International Conference , Yarmouk University , Chemistry Department, 23rd – 26th March 2020. (**Accepted**).

#### **Year 2019**

9. Synthesis, Spectral and Antibacterial activity studies of some transition metal complexes with Schiff base derived from Phthalaldehyde and Benzylamine, **Abdusalam M. Hamil**, Khalifa M. Khalifa, and Eman I. Mobark, 14<sup>TH</sup> INTERNATIONAL CONFERENCE ON CHEMISTRY AND ITS ROLE IN DEVELOPMENT, ICCRD'14, MANSOURA-HURGHADA 25-28 MARCH 2019. ORGANIZED BY CHEMISTRY DEPARTMENT, FACULTY OF SCIENCE, MANSOURA UNIVERSITY, EGYPT.

8. Synthesis, characterization and antibacterial activity studies of some transition metal complexes of Mn(II) , Ni(II) and Cu(II) with Schiff base derived from diacetylmonoxime with o-phenylene- diamine, Khalifa M. Khalifa, **Abdusalam M. Hamil** and Mariam Q. Nouradean, 14<sup>TH</sup> INTERNATIONAL CONFERENCE ON CHEMISTRY AND ITS ROLE IN DEVELOPMENT, ICCRD'14, MANSOURA-HURGHADA 25-28

**MARCH 2019. ORGANIZED BY CHEMISTRY DEPARTMENT, FACULTY OF SCIENCE, MANSOURA UNIVERSITY, EGYPT.**

### **Year 2016**

7. Synthesis, Characterization and Antibacterial studies of 4-Amino-3-hydroxynaphthalene -1-sulphuric acid derivate chelates of Cr(II), Mn(II), Co(II) and Cu(II) Complexes, The Seventh Jordanian International Conference , Yarmouk University , Chemistry Department, 19 – 21 June 2016.

### **Year 2013**

6. Preparation, Characterization and Antibacterial Activity of some Schiff Base Complexes, ABDSALAM MAATOG ALI HAMIL MAREI MILOUD EL-AJAILY , MOHAMED ABDELKARIM MOHAMMED HIMMET AND HAMMED ALI BOGDADI, 11<sup>th</sup> International and Conference on chemistry and its Role in Development ICCRD' 11 Mansoura – Sharm El-sheikh11-13 March 2013.

### **Year 2011.**

5- Synthesis, spectroscopic investigation and biological activity of 5-[(Z)-1-(2-hydroxyphenyl) ethyldene] amino-1, 1,4- phthalazinedione, 11<sup>th</sup> International Conference on Chemistry and its Role in Development ICCRD'11, Mansoura-Sham El-Sheikh, 11- 16 April 2011.

### **Year 2008**

4- Synthesis and Characterization of Some Ni(II) and Cu(II) Complexes with2-[(4-Aminophenyl)imino]-1, 2-diphenyl-1-ethanone, The Fifth Jordanian International Conference , Yarmouk University , Chemistry Department, 17 – 19 June 2008.

3. متراكبات العناصر الانتقالية المشتقة من اوثوفينلين ثانى امين وبعض مشتقاتها ، المؤتمر الكيميائى العربى الرابع عشر جامعة الفاتح 03/31-04/3 2008م

### **Year 2007**

2. متراكبات العناصر الانتقالية المشتقة من بنزين سلفونايل هيدرازين وبارا تلوين سلفونايل هيدرازين وبعض مشتقاتها المؤتمر الكيميائي التاسع ، جامعة المنصورة (ج م ع) (19-16 / 4 / 2007) .

### **Year 2006**

1- تحديد تركيز بعض العناصر الثقيلة في الدواجن , مؤتمر الكيمياء الأول , جامعة سبها  
14/11/2006 - (م).

### Ms.C. degree

### الإشراف على رسائل الماجستير

Year	Address	Title of thesis
<b>04 M.Sc Theses co-supervision at Sebha University (Awarded)</b>		
2014	<b>Sarah Eisay Salih Alhadheeri</b> , K. M. Khalifa, A. M. Hamil, Chemistry Department, Faculty of Science, Sebha University, Sebha, Libya.	Synthesis, Spectral and Antibacterial studies of Cr(III), Co(II), Ni(II) and Cu(II) Complexes with Schiff base Derived from 4-Amino-3-hydroxy-naphthalene-1-sulphonic acid
2014	<b>Najma Mohamed Naji</b> , K. M. Khalifa, A. M. Hamil Chemistry Department, Faculty of Science, Sebha University, Sebha, Libya.	Synthesis, Characterization and Antibacterial Studies of 4-Amino-3-hydroxynaphthalene -1-sulphoric acid Derivate Chelates of Cr(III), Mn(II), Co(II) and Cu(II) Complexes.
2016	<b>Alwah R. Alwah</b> , K. M. Khalifa, A. M. Hamil, Chemistry Department, Faculty of Science, Sebha University, Sebha, Libya.	Synthesis, Spectral and Corrosion inhibition study of some transition metal complexes with Schiff base derived from Diacetylmonoxime with Urea and Thiourea.
2016	<b>Mariam Qasim Nouradean</b> , K. M. Khalifa, A. M. Hamil, Chemistry Department, Faculty of Science, Sebha University, Sebha, Libya.	Synthesis, characterization and antibacterial activity study of some transition metal complexes of Mn(II) , Ni(II) and Cu(II) with Schiff base derived from diacetylmonoxime with o and p-phenylenediamine.
2021	<b>Faraj Saleh Mahdi Hwidi</b> , K. M. Khalifa, A. M. Hamil, Chemistry Department, Faculty of Science, Sebha University, Sebha, Libya.	Synthesis, characterization and Corrosion inhibition study of some transit- ion metal complexes with Schiff base 2-hydroxy-1-naphthaldehyde with o, m-phenylenediamine.
<b>07 M.Sc Theses at Sebha University ( still)</b>		

2016	<b>Reem Marwan Zaki</b> , K. M. Khalifa, A. M. Hamil, Chemistry Department, Faculty of Science, Sebha University, Sebha, Libya.	Synthesis, characterization and antibacterial activity study of some transition metal complexes with Schiff base derived from 2-hydroxy-1-naphthaldehyde with ethylenediamine and hydrazine.
2016	<b>Eman Ibrahim Mobark</b> , K. M. Khalifa, A. M. Hamil Chemistry Department, Faculty of Science, Sebha University, Sebha, Libya.	Synthesis, Spectral and Corrosion inhibition study of some transit-ion metal complexes with Schiff base derived from Phthalaldehyde, Benzylamine and Diphenylthiocarbazide
2019	<b>Lina Saied</b> , A. M. Hamil, K. M. Khalifa, Chemistry Department, Faculty of Science, Sebha University, Sebha, Libya.	Synthesis and Characterization and antibacterial activity of Some transition metal Complexes with Schiff base: 10,10'-(1,2-phenylenebis-(azaneylylidene))bis(anthrac-9(10H)-one)
2019	<b>Zamzem Ramdan</b> , A. M. Hamil, K. M. Khalifa, Chemistry Department, Faculty of Science, Sebha University, Sebha, Libya.	Synthesis and Characterization and antibacterial activity of Some transition metal Complexes with Schiff base: 2,3-bis(10-oxoanthracen-9((10H)-ylidene)amino)maleonitile
2019	<b>Mariam Edrees</b> , A. M. Hamil, K. M. Khalifa, Chemistry Department, Faculty of Science, Sebha University, Sebha, Libya.	Synthesis and Characterization and antibacterial activity of Some transition metal Complexes with Schiff base: 2-((10-oxoanthracen-9(10H)-ylidene)amino)benzoic acid
2019	Lila Alkilani, Marie M. El-jaily, A. M. Hamil, Chemistry Department, Faculty of Science.	"Synthesis, Spectroscopic Studies and antibacterial activity of Some mixed ligand complexes"

**BOOKS:****تأليف الكتب:**

محل كيمياء المترافقات أ.د. مرعي ميلود العجيلي, أ.د. عبدالسلام معنوق همیل, أ.د. ناصر محمد حسني  
 (منشورات جامعة سبها) 2013م (مقبول تحت الطباعة).

مبادي الكيمياء العامة للسنوات الجامعية الاولى, أ. د. عبدالسلام معتوق همیل, د. عائشة لوبکر العباسی,  
د. عربیة عبدالسلام عبد النبی, أ. احسین ابوبکر عبدالصمد / جامعة سبها 2020م (مقبول تحت  
الطباعة)

كتاب نظريات التماثل, أ.د. عبدالسلام علي الميهوب, أ. د. مرعي ميلود العجيلي, أ.د. عبدالسلام معتوق  
همیل, منشورات جامعة سبها 2022م (مقبول تحت الطباعة).

كتاب نظرية المجموعات (الزمر), أ.د. سامي محمد ابوالوفا, أ. د. عبدالسلام معتوق همیل, منشورات  
جامعة سبها, تحت التقييم, 2023م

كتاب نظرية الانثنيات والاكتنيدات, أ.د. سامي محمد ابوالوفا, أ. د. عبدالسلام معتوق همیل, منشورات  
جامعة سبها, تحت التقييم, 2023م

## REFERENCES

**Professor Dr. Mohamed. Abdelkarem,**  
Sudan University of Science and technology, Sudan.  
00249907549608

**Professor Dr. Mohssein M. Mostafa**  
Department of Chemistry, University of Mansoura, Mansoura, Egypt  
P.O. Box. 35516, Egypt Tel : 00-202-37612948, 00201067446662  
Email: [amohsenmostafa@yahoo.com](mailto:amohsenmostafa@yahoo.com)

**Professor Dr. Khalifa M. Khalifa**  
Department Chemistry Faculty Science, Sebha University  
Tel: 00218925151481  
Email: [kmkannaas@gmail.com](mailto:kmkannaas@gmail.com)