

Curriculum Vitae

Name Of. Person

Mustansiriyah University – College of Pharmacy

Mobile: +964 7903393481

Email: asbourdanwood@yahoo.com

PERSONAL SUMMARY:

I am study and graduated from University of Baghdad / College of Ibn Al-Hiatham in specific Inorganic chemistry with more interesting in coordination chemistry and Nano compounds.

EDUCATION:

- Ph.D. # University of Baghdad Inorganic Chemistry
- M.Sc. #2: University of Baghdad Inorganic Chemistry
- B.Sc. #3: University of Baghdad Chemistry

ACADEMIC HONORS AND AWARDS:

- #1: the Science day award
- #2: Patent

ACADEMIC /TEACHING EXPERIENCE:

- 1- Head of Department Science College / Kerbala University
- 2- Head of examination committee Science College / Kerbala University
- 3- Vice Dean of Administration Affairs Pharmacy College / Al-Mustansiriyah University
- 4- Head of Pharmaceutical Chemistry department / Pharmacy College / Al-Mustansiriyah University

COURSES TAUGHT:

Undergraduate	Graduate
1- Inorganic Chemistry First Stage Students Science College	1- Symmetry and point group
2- Medicinal Chemistry First Stage Students Dentistry College	2- Electronic spectra and correlation diagrams
3- Inorganic / organic Medicinal and Pharmaceutical Chemistry Third Stage Pharmacy College	3- Chemistry of macrocyle ligands and their complexes
4- Organic Chemistry Second Stage Students Pharmacy College	4- Advanced inorganic chemistry
5- Main group Chemistry, Second Stage Students Science College	5- Bioinorganic chemistry
6- Coordination Chemistry Third Stage	6- Mechanism of complexes reactions
	7- Mechanism of Drug Action
	8- Advanced Pharmaceutical Analysis

<p>Students Science College</p> <p>7- General Chemistry First Stage Students Medical Lab. Sciences Department</p> <p>8- Advanced Pharmaceutical Analysis Fifth stage Students Pharmacy College</p> <p>9- Radiation Chemistry Third Stage Students Science College</p> <p>10- Supervision of more than 30 graduated projects of 4th stage students</p>	
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PROFESSIONAL AFFILIATIONS:

- Chairman, Diversity Committee **18**
- President, **10**

PUBLICATIONS:

- 1- Novel Tetradentate Ligand with N₂S₂ donor set and its Complexes with (Ni⁺², Pd⁺², and Pt⁺²) ions. *Journal of Al-Nahrain University*, Vol.8(2), December, 2005, pp.37-41.
- 2- Synthesis and Characterisation of Novel Polydentate Ligand Type N₂O₆ Derived from Hypophosphinic Acid and Their Metal Complexes, *Journal of Kerbala University*, Vol. 6 No. 1 Scientific, March, 2008, pp 120-129.
- 3- Structural Studies of Novel 2,6-Diformyl-p-Cresol Bis- (thiosemicarbazone) Ligand and Their Binuclear Complexes with Ni⁺², Pd⁺², Zn⁺², Cd⁺² and Hg⁺² Metal Ions, *Journal of Kerbala University*, Vol. 6 No. 1 Scientific, March, 2008, pp 268-276.
- 4- Synthesis and spectral studies of 2,6-diformyl-4-methylphenol semicarbazone ligand and their metal binuclear complexes, *Journal of Kerbala University*, Vol. 7 No. 1 Scientific, 2009, pp 153-162.

- 5- The synthesis and characterization of Schiff base ligand type N_2O_2 donor atom derived from 5-amino-3-hydroxynaphthalen-1-sulfonic acid and their some metal complexes. *Journal of Kerbala University*, - Vol. 7 No. 2 Scientific, 2009, pp 266-272.
- 6- Cobalt(II), Nickel(II), and Copper(II) Complexes with Ligands Contain Nitrogen as Donor Atoms type N_3 and Azamacrocyclic N_6 , Synthesis and Characterisation. *The National Journal of chemistry*, Volume, 35, 2009, pp. 489-505
- 7- Synthesis of new type imidazoline compounds starting from D-ribose, *Journal of Kerbala University*, proceeding of the 5th Sci of K. U. 2009.
- 8- New method of synthesis of calyx arenes as analytical reagent for spectrophotometric determination of iron (III). , Al- Mustansiryh *Journal of Pharmaceutical Sciences*. Volume 10, No. 2, 2011. pp.19-33
- 9- Characterizations of simultaneous intercalations of two Herbicides with Zn/Al Layered double hydroxide nano hybrides. *Journal of Kerbala University*, Vol.9, No.1 Scientific. 2011, pp. 9-16
- 10- Synthesis, spectral and kinetic studies of N_2O_2 macrocylce ligand with divalent metal ions (Co, Ni and Cu) complexes, *journal of Kufa for Chemical Science*. No(2) 2011
- 11- Synthesis and characterization of Fe^{+3} , Co^{+2} , Ni^{+2} , and Cu^{+2} ion complexes with a new ligand type N_2O_2 and stoichometric studies of these complexes. *Journal of Kerbala University*, Vol.9, No.1 Scientific. 2011, pp. 101-117
- 12- Cobalt(II), nickel(II) and copper(II) complexes with Schiff base ligand derived from diacetylpyridine and carbodihydrazide, synthesis and spectral studies *Iraqi National Journal of Chemistry* Vol.44 (2011)
- 13- Removal of methyl orange from aqueous solution by Iraqi bentonite adsorbent *Ibn Al-Haitham Journal for a pure and applied sciences* accepted ,2012
- 14- Microwave Assisted Synthesis of New Heterocyclic Compounds: 1,2,3-Triazoles and Tetrazoles and Study their Biological Activity, *Asian Journal of Chemistry*, volume 24, 12, 2012

- 15- Binuclear Divalent Complexes of Cobalt, Nickel and Copper with N₂S
Ligand Derived from 1,3,4-Thiadiazole-2,5-dithiolate Dipotassium
Synthesized via Click Chemistry, International Journal of Chemistry, volume 4, No 6,
2012
- 16- Nitrogen Sulfur Heterocyclic Ligand via Click Chemistry and Their Complexes with Ni(II),
Pd(II) AND Pt(IV) Synthesis and Spectral Studies, Journal of Babylon University/Pure
and Applied Sciences/ No.(1)/ Vol.(22): 2012, College of Science/Babylon University
Scientific Conference.
- 17- Design, Synthesis and Preliminary Pharmacological Evaluation of Mutual Prodrug of
Non-Steroidal Anti-Inflammatory Drugs Coupling With Natural Anti-Oxidants Via
Glycine, AJPS, Vol. 13, No.1, 2013
- 18- Synthesis & Chemical Hydrolysis Study of some NSAIDs Linked to Natural Antioxidant
via Alanine, Journal of Advanced in Chemistry, Volume 4, No 1, S e p t , 2 0 1 3
- 19- Ni (II), Cu (II), Pd (II) and Pt(IV) binuclear Complexes with S₄N₂O₂ Ligand Derived From
5-AMINO-[1,3,4]Thiadiazole-2-Thiol, Journal of International Academic Research for
Multidisciplinary; Volume 2, Issue 3, April 2014.
- 20- Synthesis and Characterization of Cu⁺², Ni⁺² Heteronuclear Complexes with
Macrocyclic (N₂O₂, N₂S₂) Type Ligands, Donnish Journal of Pure And Applied
Chemistry. Vol 1(1) pp. 001-007 April, 2015.
- 21- Divalent Binuclear Copper Complexes with Macrocyclic Ligands Derived from
Benzylacetone and Isatine Complexes, PARIPEX - INDIAN JOURNAL OF RESEARCH,
Volume: 4. Issue: 4 . April 2015
- 22- Synthesis of magnetic nanoparticles coated with palmitic acid and folic acid and study
their interaction with prolactin; Der Chemica Sinica, 2015, 6(5):137-146

- 23-Cefotaxime Dithiocarbamate as Metalloantibiotic with binuclear Ni^{II}, Pd^{II}, Pt^{IV} Complexes Synthesis, Characterisation, Kinetic and Biological Activity Studies, British Open Journal of Medicinal Chemistry Vol. 1, No. 1, May 2015, pp. 1 – 16
- 24-Preparation and Comparative Evaluation of Fe⁺²/Fe⁺³ and Mg⁺²/Fe⁺³ LDHs as Promising Nanocarriers for Class II and Class IV Drugs, Journal of Natural Sciences Research. Vol.5, No.14, 2015, PP 126-137
- 25-Loading of clarithromycin and paclitaxel on synthesis CdS/NiO nanoparticles as promising nanocarriers. International Journal of Pharmacy and Pharmaceutical Sciences, Vol. 8, Issue 5, 2016, 322-333

PROFESSIONAL DEVELOPMENT

Conferences: -

- 1- Synthesis of new type of imidazoline compounds starting from D-ribose "Fifth University of Kerbala conference - 2009"
- 2- Divalent Copper Complexes with N₂S₂ Schiff Base Ligands Derived from Thiadiazole Diesters , 1st Al-Yarmuk University College conference 2011
- 3- International Environmental Pollution and Desertification Conference *University of Kerbala 2011*
- 4- International Conference on Global Trends in Pure and Applied Chemical Sciences, Udaipur , India . 2012
- 5- New mixed ligand complexes of Mn(II), Fe(II), Co(II), Ni(II), Zn(II) and Cd(II) with amin acids (L-proline and L-theronine). First conference for *College of Education for pure Sciences. 2012*
- 6- Nitrogen Sulfur Heterocyclic Ligand via Click Chemistry and Their Complexes with Ni(II), Pd(II) AND Pt(IV) Synthesis and Spectral Studies, *Sixth conference of Science College / Babylon University 2012*
- 7- *Second Iraqi Biotechnology Conference Al-Nahrain Institute for Strategic Studies 7-9/5/2013.*

8- *4th Scientific Medicinal Conference / college of Medicine/ University of Al-Qadisyia. 20-21 April 2016*

9- *The First National CB Security Coordination Conference, Babylon University and Department of State (USA), Al-Nahrain Institute for Strategic Studies 17-19/5/2016.*

Training:-

- 1- **Using the microwave instrument in organic synthesis, German- Jordanian University (Amman, Jordan)**
- 2- **The academic program training in Newcastle University (Newcastle, United Kingdom)**
- 3- **The chemical safety and security training Babylon University sponsored by Sandia National Laboratories (USA). (Babylon, Iraq)**
- 4- **The leadership work shop of safety and security, ethics code team, of biological and chemical materials. Sponsored by Pacific North National Laboratories. (Istanbul, Turkey).**

Supervision:-

PhD., MSc. and High diploma

- 1-**Synthesis and biological activity studies of theophylline derivatives and their metal complexes , Qusi Noor Aldeen, kerbala University**
- 2- **Synthesis and characterization of ligands type N₄ and N₂O₂ donor atoms and their metal complexes, Suhad Hassan, kerbala University**
- 3- **Binuclear complexes with heterocyclic ligands via click chemistry, Atheer Mahdi , kerbala University**

- 4- Mono and Bi Nuclear complexes with heterocyclic ligands, synthesis , characterization and physical studies, Jehan Ali , kerbala University**
- 5- Dinuclear complexes with macrocyclic ligands type N₂S₂ donor atoms, synthesis, spectral and physical studies. Shatha Abdul Amer, kerbala University**
- 6- Synthesis of new magnetic nanoparticles and study their interaction with some hormones. kufa University**
- 7- Synthesis and characterization of new imidazolone derivatives of naproxen as potential anti-inflammatory / 2015**
- 8- Tareq Hussien, Babylon University**
- 9- Drug – Dithiocarbamate based as macrocyclic bimetallic complexes synthesis and biological activity studies / 2015**
- 10- Synthesis and Comparative Evaluation of Drugs-Loaded Nanoparticles effect ion on Drug Dissolution and Permeation / 2015**

السيرة الذاتية

اسم الشخص الكامل

الجامعة المستنصرية – كلية الصيدلة

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Email: asbourdawood@yahoo.com

ملخص تعريفي:

الاستاذ الدكتور عاشور حمود الساعدي أحمل شهادة الدكتوراه في الكيمياء اللاعضوية من جامعة بغداد مهتم في تحضير المركبات التناسقية وكذلك تحضير المركبات النانوية وعلاقتها بالمركبات الدوائية

الشهادات الدراسية:

- #1: Ph.D. دكتوراة كيمياء لاعضوية / جامعة بغداد
- #2: M.Sc. ماجستير كيمياء لاعضوية / جامعة بغداد
- #3: B.Sc. بكلوريوس علوم كيمياء/ دبلوم بايولوجي / جامعة بغداد

الجوائز والتكريم الأكاديمي

- #1: جائزة يوم العلم
- #2: براءة اختراع

الخبرة الأكاديمية والتدريس:

- #1: رئيس قسم الكيمياء / كلية العلوم / جامعة كربلاء
- #2: رئيس اللجنة الامتحانية قسم الكيمياء / كلية العلوم / جامعة كربلاء
- #3: معاون العميد للشؤون الادارية كلية الصيدلة / الجامعة المستنصرية
- #4: رئيس فرع الكيمياء الصيدلانية كلية الصيدلة / الجامعة المستنصرية

المقررات الدراسية التي تم تدريسها:

الدراسات الأولية	الدراسات العليا
11- Inorganic Chemistry First Stage Students Science College	1- Symmetry and point group
12- Medicinal Chemistry First Stage Students Dentistry College	2- Electronic spectra and correlation diagrams
13- Inorganic / organic Medicinal and Pharmaceutical Chemistry Third Stage Pharmacy College	3- Chemistry of macrocyle ligands and their complexes
14- Organic Chemistry Second Stage Students Pharmacy College	4- Advanced inorganic chemistry
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	7- Mechanism of Drug Action

<p>15- Main group Chemistry, Second Stage Students Science College</p> <p>16- Coordination Chemistry Third Stage Students Science College</p> <p>17- General Chemistry First Stage Students Medical Lab. Sciences Department</p> <p>18- Advanced Pharmaceutical Analysis Fifth stage Students Pharmacy College</p> <p>19- Radiation Chemistry Third Stage Students Science College</p> <p>20- Supervision of more than 30 graduated projects of 4th stage students</p>	<p>8- Advanced Pharmaceutical Analysis</p>
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الانتساب المهني او الجمعيات:

المنشورات العلمية

- 26- Novel Tetradentate Ligand with N₂S₂ donor set and its Complexes with (Ni⁺², Pd⁺², and Pt⁺²) ions. *Journal of Al-Nahrain University*, Vol.8(2), December, 2005, pp.37-41.
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41- Nitrogen Sulfur Heterocyclic Ligand via Click Chemistry and Their Complexes with Ni(II), Pd(II) AND Pt(IV) Synthesis and Spectral Studies, Journal of Babylon University/Pure and Applied Sciences/ No.(1)/ Vol.(22): 2012, College of Science/Babylon University Scientific Conference.

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