



Curriculum Vitae

Name:- Ashour Hammood Dawood

- **Depended reviewer of International Journal of Biochemistry and Biotechnology (IJBB)**
- **Expert of Chemical and Biological Labs. Safety and Security**
- **Depended referee of Iraqi Central Organization for Standardization and Quality Control**

Data of Birth : - 1/7/1962

Place of Birth:- Baghdad

Nationality:- Iraqi

Marital Status:- married

Language:- Arabic and English

Academic Rank:- Prof.

**Place of Work:- University of Al- Mustansiriyah / College of Pharmacy /
Dept. of Pharmaceutical Chemistry**

Occupation:- Vice Dean

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Qualifications:-

- 1- Ph. D. Inorganic Chemistry Baghdad University**
- 2 - M Sc. Inorganic Chemistry Baghdad University**
- 3- B Sc. Chemistry Baghdad University**

Positions Hold:-

- 1- Head of Chemistry Department/ Science College from
12/10/2011 to 22/ 7/2012**
- 2- Vice Dean from 2/11/2012 yet now**

Courses Taught:-

A- Undergraduate:-

- 1- Inorganic Chemistry First Stage Students Science College**
- 2- Medicinal Chemistry First Stage Students Dentistry Department**
- 3- Organic Chemistry Second stage Students Pharmacy Department**
- 4- Main group Chemistry, Second Stage Students Science College**
- 5- Coordination Chemistry Third Stage Students Science College**
- 6- General Chemistry First Stage Students Medical Lab. Sciences
Department**
- 7- Analytical Chemistry First stage Students Pharmacy Department**
- 8- Radiation Chemistry Third Stage Students Science College**
- 9- Supervision of more than 30 graduated projects of 4th stage students**

B- Postgraduate: PhD and M.Sc.

- 1- Symmetry and point group**
- 2- Electronic spectra and correlation diagrams**
- 3- Chemistry of macrocyclic ligands and their complexes**
- 4- Advanced inorganic chemistry**
- 5- Bioinorganic chemistry**
- 6- Mechanism of complexes reactions**

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- Ali Majeed, Al-Mustansiriya University**
- 8- Tareq Hussien, Babylon University**
- 9- Akram Hamed, Al-Mustansiriya University**
- 10- Shahad Hussen , Al-Mustansiriya University**

Training:-

- 1- Using the microwave instrument in organic synthesis, German-Jordanian University**
- 2- The academic program training in Newcastle University/UK**
- 3- The chemical safety and security training Babylon University sponsored by Sandia National Laboratories (USA).**

Publications:-

- 1- Novel Tetradentate Ligand with N_2S_2 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 N_2O_6 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 N₂O₂ 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 N₂O₂ 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 $\text{Fe}^{+2}/\text{Fe}^{+3}$ and $\text{Mg}^{+2}/\text{Fe}^{+3}$ LDHs as Promising Nanocarriers for Class II and Class IV Drugs, Journal of Natural Sciences Research. Vol.5, No.14, 2015, PP 126-137

Conferences:-

- 1- Synthesis of new type of imidazoline compounds starting from D-ribose “*Fifth University of Kerbala conference - 2009*”
- 2- Divalent Copper Complexes with N_2S_2 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*