**Name :** Firas Shawqi Abdulrazzaq



Chemistry Department\ College of education for pure Science\

University of Baghdad

**E-mail** : [firasshawki@yahoo.com](mailto:firasshawki@yahoo.com) or dr.[firas.shawki@tu.edu.iq](mailto:firas.shawki@tu.edu.iq)

**Place of birth** : Baghdad \ Iraq

**Date of birth** : 25 \11\1976

**Phone number** : 009647702577521

**Qualifications**

* B.Sc. with Grade good (1999) University of Baghdad
* M.Sc. in Chemistry (2002) University of Baghdad
* Ph.D. Philosophy in Bioorganic Chemistry (2006) University of Baghdad

**Academic Degrees**

* Assist. Lecturer (2003)
* Lecturer (2008)
* Assist. Professor (2011)

**Education**

* (2002-2006) Ph.D. in Bioorganic chemistry \Chemistry department\college of education for pure science-Ibn alhaitham \ University of Baghdad

Thesis entitled “Synthesis of new spiro, fused ring and imine derivatives of D-glucofuranose at C-3 and study their effect on serum (ALP and GGT)”

Supervised by Prof. Dr. Abdul Jabbar A. Mukhlis(Dean of college of education Ibn-alhaitham\ university of Baghdad), Prof. Dr. yousif A. al-fattahi(college of scince\ university of Baghdad) and Prof. Dr. wafa F. Al-taei (college of education Ibn-alhaitham\ university of Baghdad)

* (1999-2002) M.Sc. in chemistry \ Chemistry department\college of education-Ibn alhaitham \ University of Baghdad

Thesis entitled “Synthesis and modification of salicyloyl, acetyl salicyloyl and 2-(4-isobutyl phenyl)propionyl derivatives of L-ascorbic acid as apposible prodrug”

Supervised by Prof. Dr. Abdul Jabbar A. Mukhlis (Dean of college of education Ibn-alhaitham\ university of Baghdad) and Prof. Dr. yousif A. al-fattahi (college of science\ university of Baghdad)

* (1994-1999) B.Sc. in chemistry\ Chemistry department\college of education-Ibn Alhaitham \ University of Baghdad

**Experiences**

* Chief of branch physiology (2004-2006) in college of Veterinary/Diala University
* Assistant Chief of chemistry department(2008-2010) in college of education for pure science/Tikrit University
* Chief of chemistry department (2010-2013) in college of education for pure science/Tikrit University
* Assistant Chief of post graduate(2016-2017) in College of Science/ Biology department/Tikrit University
* Assistant Dean (2017) in College of Pharmacy/Tikrit University

**Conferences**

* 6th Conference of Pharmacy college\ Baghdad University (2002)
* 1st Conference of Science on College of Science\ Karkuk University(2009)
* 1st Conference of 4th stage under graduate students on College of education for pure science\ Tikrit University(2010)
* 7th Conference of Science on College of education for pure science\ Tikrit University (2012)
* 2nd Conference of Science on College of Science\ Tikrit University(2013)
* 7th International Conference of Biology on College of education for pure science\ Tikrit University(2014)
* 9th Diabetologists Conference: held on June 06-08, (2016) in Dallas, Texas ,USA
* 9th International conference:held on 17-18\7\(2018) by ARF, Osmanli University and others\ Istanbul \Turkey
* 1st International Conference: hold on 16-17\12\(2018) by College of Science Tikrit University.

**Scientific Societies**

* Member in Iraqi Chemical corporation

**Supervision and Evaluation High Diploma**

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| **Examined Date** | **Title of Thesis** | **Name of Candidates or Student** |  |
| **2018** | **Biochemical study of the α-L-Fucose level and some parameters in women with benign and malignant breast cancer** | **Yaser Mohammed Daly** | **1** |

**Supervision and Evaluation Masters**

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| **Examined Date** | **Title of Thesis** | **Name of Candidates or Student** |  |
| **2010** | **Estimation of some antioxidant levels in serum of adult**  **Patients with bronchial asthma** | **Mohammad Mahmud ahmed** | **1** |
| **2011** | **Synthesis of some derivatives of asprin and ibuprofen as**  **aprodrugs and study their effect on some biochemical**  **parameters in blood serum of rabbites** | **Nori mohammed azez** | **2** |
| **2011** | **Study of alpha-L-fucose and some biochemical parameters**  **in sera of benign and malignant brain tumor patients** | **Nagham kasim kazim** | **3** |
| **2011** | **Studying level fucose and some biochemical variables in**  **blood serum of patients with chronic epilepsy** | **Rana raad zanzal** | **4** |
| **2012** | **Synthesis of one acetylenic derivatives for L-ascorbic acid**  **and study their effect on some biochemical parameters in**  **serum blood** | **Amjed abawy saleh** | **5** |
| **2012** | **Preparation of one mannose derivatives and study their**  **biochemical activity in serum blood** | **Ahmed suleman joma’a** | **6** |
| **2013** | **Synthesis of one mannose derivatives and study its effect on purified alkaline phosphatase enzyme** | **Reem yasir zeki** | **7** |
| **2013** | **Synthesis of one captopril derivatives and study its effect on some biochemical parameters at sera of rabbits** | **Zaid abdalkader dawood** | **8** |
| **2014** |  | **Shams bayat al bayaty** | **9** |
| **2014** | **Preparation and study the effect of one sorbitol derivatives**  **at some biochemical parameters in rabbits serum** | **Dhamya’a Wajeh yakub** | **10** |
| **2014** | **Synthesis of Ibuprofen derivatives with glycerol and study**  **its effect on some biochemical parameters at sera of rabbits** | **Dia’a mahmood najem** | **11** |
| **2015** | **Preparation of one salicylic acid derivatives as a prodrug and**  **study its effect on some biochemical parameters at sera of**  **rabbits with diabetes** | **Fadel abed harjan** | **12** |
| **2015** | **Preparation of codeine and aspirin derivative as a possible**  **prodrug and study its effect on some biochemical parameters**  **at sera of rabbits** | **Kais adnan neda** | **13** |
| **2016** | **Synthesis of novel acetylinic derivative of metformin as a**  **DPP-4 inhibitor and study its effect on sera of rabbits**  **With induced diabetes type-2** | **Yusra abdulghafoor**  **mohammed** | **14** |
| **2017** | **Physiological studying of Irisin and some biochemical**  **Parameters in patients with diabetes mellitus type 2** | **Nadia ismael mustafa** | **15** |
| **2018** | **Role of Insulin like growth factor-1 and some biochemical**  **Parameters in diabetic type 2 patients** | **Sabri Ali Sultan** | **16** |
| **2019** | **mohameedCorrelative study between some hormones and biochemical parameters in women's with polycystic ovary syndrome and normals** | **Namariq atallah** | **17** |

**Supervision and Evaluation Doctorate**

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|  | **Examined Date** | **Title of Thesis** | **Name of Candidates or Student** |
| **1** | **Ekram Abdulla basher** | **Synthesis a number of hetrocyclic compounds derived from levofloxacin as antibacterial agents** | **2015** |
| **2** | **Evan Mohammed Mustafa** | **The Effect of L-Carnitine, Omega-3 with Metformin**  **on the Level of Apelin-36 and Some Hormones in**  **Rabbits Induced with Diabetes** | **2019** |
| **3** | **Sara omran Rasheed** | **Evaluation of Therapeutic efficacy of extracts of some**  **plants on clinical isolates of skin fungi with study of**  **a virulence factor** | **2019** |
| **4** | **Nadia yousif saleh** | **Preparation and biochemical study of one inhibitors**  **of DPP-4 on sera of rabbit induced with diabetes**  **mellitus** | **2020** |
| **5** | **Mahmod khalil ibrahim** | **Evaluation of osteocalsin, granulin, kathapsin K and**  **Some biochemical parameters in women with PCOS** | **In research** |
| **6** | **Yaser Khalid hazaa** | **The role of apelin and some biochemical parameters**  **and hormones in the formation of kidney stone in**  **patients with kidney problem** | **In research** |

**Scientific Research**

1. Study the effects of 3-Deoxy-3-C-ethoxycarbonylethylene-1,2:5,6-di-O-isopropylidene-α-D-ribohexofuranose   on normal serum alkaline phosphatase (ALP) )(Jornal of science at college of science\ Tikrit University)(2009)
2. Study the effects of 3-Deoxy-3-C-ethoxycarbonylethylene-1,2:5,6-di-O-isopropylidene-α-D-ribohexofuranose on normal serum gamma glutamyl transferase(GGT)(Journal of science at college of science\ Karkuk University)(2009)
3. Study the effect   of some ascorbic acid derivatives on ALP and ACP   activities in sera of healthy subjects(Journal of science at college of science\ Almustansiria University)(2010)
4. Study of alpha-L-fucose and some biochemical parameters on sera benign and malignant patient with brain cancer(Journal of science at college of science\ Karkuk University)(2011)
5. Synthesis of one acetylinc derivatives of L-ascorbic acid and study its effect on some biochemical parameters at sera of rabbits (Journal of science at college of science\ Tikrit University)(2012)
6. Synthesis of one mannose derivatives and study its effect on some biochemical parameters at sera of rabbits (Journal of science at college of science\ Tikrit University)(2012)
7. Estimation of some hormones (Leptin, Progesterone and Estrogen) levels on blood sera of anemia and thalassemia patients (7th conference of college of education\Tikrit university: 6-7 may 2012)
8. Synthesis of one captopril derivatives and study its effect on some biochemical parameters at sera of rabbits(Journal of science at college of science\ Tikrit University)(2013)
9. Synthesis of one mannose derivatives and study its effect on purified alkaline phosphatase enzyme(Journal of science at college of science\ Tikrit University)(2013)
10. Synthesis of one sorbitol derivatives and study its effect on some biochemical parameters at sera of rabbits(Journal of science at college of science\ Tikrit University)(2014)
11. Purification of alanine aminopeptidase and isolation of its isoenzymes from sera of patients with breast cancer (8th international scientific conference \ biological science 2-3 april 2014)
12. Synthesis of Ibuprofen derivatives with glycerol and study its effect on some biochemical parameters at sera of rabbits(Journal of science at college of science\ Karkuk University)(2014)
13. Preparation of one metformin derivatives as a prodrug and study its effect on some biochemical parameters at sera of rabbit with diabetes(Journal of ibn alhytham for pure science at college of education for pure science(Ibn alhaitham\ baghdad University)(2015)
14. Preparation of codeine and aspirin derivative as a possible prodrug and study its effect on some biochemical parameters at sera of rabbits(Journal of science at college of science\ Karkuk University)(2015)
15. Preparation number of hetrocyclic compounds that derived from levofloxacine drug (Journal of science at college of science\ Tikrit University)(2015)
16. Preparation number of hetrocyclic compounds and some chalcons that derived from levofloxacine drug (Journal of science at college of science\ Tikrit University)(2015)
17. Synthesis of Novel Acetylinc Derivative of Metformin as a DPP-4 Inhibitors and Study its Effects on Sera of Rabbits with induced Diabetes (Journal of Natural Sciences Research)(2016).
18. A study of the Biochemical and Haematological parameters in Patients of Typhoid Fever(Diyala Journal For Pure Science)(2017)
19. Physiological studying of Irisin and some biochemical parameters in patients with diabetes mellitus type 2(Journal of king Saudi Arabia)(2018)
20. Study the effect of L-Carnetin and Omega-3 with metformin on some biochemical and physiological parameters in blood sear of rabbit induced with Alloxane, 9th International Conference(2018), Turkey.
21. Therapeutic efficacy of some extracts of hot pepper fruits (C*apsicum annuum*) and Sumac seeds (*Rhuscoriaria*) on the growth of some isolated dermatophytes species,(international journal of medical sciences,(2018).
22. Synergistic Effect of L-Carnitine, Omega-3 with Metformin on the Level of Apelin-36 and Some Hormones in Rabbits Induced with Diabetes, Asian journal of Microbiology, Biotechnology and Inviromental Science, **SCOPUS, h index 13** with India impact factor 4.93,(2018).
23. Biochemical study of the prolactin level and some parameters in women with benign and malignant breast cancer, 1st International conference in college of science\Tikrit University,(2019).
24. Purification of keratinase from Trichophyton rubrum and Study the Inhibitory Effect of Some Aqueous plants Extracts on the purified enzyme Growth, International Journal of Plant Research, **SCOPUS**, (2019).
25. Evaluation of insulin growth factor-1 and some biochemical parameters in patients with diabetic type 2, alrafiden science journal \college of science\Mosul university(2019)
26. Evaluation the levels of some hormones in women with polycystic ovary syndrome,Tikrit journalof pure science,(2019).
27. Effect of visfatin hormone, total protein and plasma proteins on pregnancy periods in pregnant women, Biochem. Cell. Arch., 20(2) , **SCOPUS** (2020) India..
28. Evaluation a number of immunological parameters and vitamin D in pregnant women. Biochem. Cell. Arch., 20(2) , **SCOPUS** (2020)India.
29. Preparation, biochemical and analytical study of metformine as a possible prodrug for phosphoamides, Alrafiden science journal,(2019).
30. Preparation and biochemical study of one of glyceraldehydes derivative as a possible prodrug, Auditing and interior magazine of educational and scientific studies(the iraqia university)(2019).
31. The Effect of Cumin on HL60 Cell Line, Presented at the 3rd International conference on Natural Products for Cancer Prevention and Therapy, Kayseri, Turkey, 18–20 December 2019, MDPI: Proceedings, **SCOPUS,** 40(1), (2019): 26,doi:10.3390/proceedings2019040026.
32. The examination of effect of lipid profile on polycystic ovary syndrome, 4th International congress on women and children health and education, (2019):89-94.
33. Preparation of nitrile derivative and studyits effect as a possible novel drug for diabetes, Annals of Tropical Medicine and Public Health, 23(4), **SCOPUS**, (2020).
34. Synthesis, Biochemical and Histological Study of Captopril Derivatives as a Possible Drug For Diabetes, AIP Conference Proceedings, **SCOPUS**, (2020).

**Scientific field**

* 1. Drug design
  2. Synthesis of novel derivatives of drugs and study their effect on some enzymes and biochemical parameters
  3. Synthesis of pro-drugs and its effects on lab animals
  4. Stereo selective synthesis of carbohydrate derivatives by masking some OH groups and directing the reaction to the target position.
  5. Studying the drug releasing in vitro and in vivo
  6. Statistical analysis of the clinical and biochemical parameters

**Languages**

* Arabic (Mother language)
* English (Good)

**Academic Experience**

1-Organic chemistry (Under graduate)

2-Biochemistry(Under graduate)

3-Stereo chemistry(Under graduate)

4-Gen expression (Post graduate)

5-Carbohydrate chemistry(Post graduate)

6-Stereo chemistry of carbohydrate(Post graduate)

7-Metabolism(Post graduate)

8-Pro-drugs(Post graduate)

9-Clinical chemistry(Post graduate)

10-Stereo selective synthesis(Post graduate)