

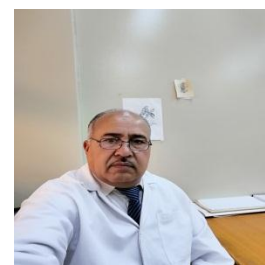
CURRICULUM VITAE

السيرة الذاتية



OMRAN.NASSER. RAJEB.FHID.
Ph.D.

د. عمران نصر رجب فهد



PERSONAL:

معلومات شخصية:

Address: Medicinal & Pharmaceutical Chemistry Dept.,
Faculty of Pharmacy, University of Tripoli.
Tripoli 218, Libya.
Tel: +21821 4628098-462799
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Place of birth: Janzuor-Libya.

Marital status: Married, Five children

العنوان: قسم الكيمياء الطبية والصيدلانية-
كلية الصيدلة- جامعة طرابلس-
طرابلس ليبيا
تلفون: 00218214628090
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البريد الالكتروني: Ofhid@yahoo.com
مكان الميلاد: جنزور-ليبيا
الحالة الاجتماعية: متزوج +5 اطفال

EDUCATION:

التعليم :

Ph. D. (Medicinal Chemistry), 2002

University of Jagellonian, Collegium Medicum, Krakow, Poland.

Dissertation: synthesis of pyrimidin-8-on [2,1-f] theophylline -9-alkyl carboxylic acids derivatives acting on cns and cardio-vascular system.

- **الدكتوراه (الكيمياء الطبية) 2002** - جامعة الياغولنسكي الطبية - كراكوف - بولندا
عنوان الرسالة: تخليق أنواع جديدة من مركبات التيوفيلين لحمض الاكاييل كربوكسيلك وتأثيرها علي الجهاز العصبي المركزي والجهاز الدوري

M. Sc. (Medicinal Chemistry), 1998

University of Jagellonian, Collegium Medicum, Krakow, Poland

Dissertation: Synthesis of some amide derivatives of pyrimido-[2,1-f]-theophylline.

- **الماجستير (الكيمياء الطبية) 1998** - جامعة الياغولنسكي الطبية - كراكوف - بولندا
عنوان الرسالة: تخليق أنواع جديدة من مشتقات الامايد لمركبات التيوفيلين

B. Sc. (Pharmaceutical Sciences), 1988

Faculty of Pharmacy, University of Alfateh (Tripoli now) Tripoli, Tripoli, Libya

Project: Studies of some important physical pharmaceutical aspects.

- المرحلة الجامعية من سنة 1988: جامعة الفاتح (طرابلس حاليا) – طرابلس - ليبيا
مشروع التخرج: دراسة بعض الظواهر الفيزيائية لبعض المستحضرات الصيدلانية

EMPLOYMENT AND RESPONSIBILITIES:

الوظيفة والمسئوليات :

2021/2022:

Head of postgraduate office in Faculty of pharmacy, University of Tripoli, Tripoli, Libya.

- 2021-2022: مدير مكتب الدراسات العليا - كلية الصيدلة - جامعة طرابلس - طرابلس - ليبيا
2019: Head of inspection team to inspect ASPEN NOTRE DAME DE BONDEVILLE pharmaceutical manufacture in FRANCE

- 2019 رئيس فريق التفتيش المرشح من وزارة الصحة للتفتيش علي شركة أسبن نوترى دام -فرنسا
2019: Head of inspection team to inspect FRATER-RAZES pharmaceutical manufacture in ALGERIA.

- 2019 رئيس فريق التفتيش المرشح من وزارة الصحة للتفتيش علي شركة فراتر- رازس بالجزائر

2017: Head of inspection team to inspect AUBONNE (MERCK SERONO) pharmaceutical manufacture in SWITZERLAND.

- 2017 رئيس فريق التفتيش المرشح من وزارة الصحة للتفتيش علي شركة ميرك سيرونو(ابوني) سويسرا

2017: Head of inspection team to inspect Vital Laboratories dietary supplement in TUNISIA

- 2017 رئيس فريق التفتيش المرشح من وزارة الصحة للتفتيش علي شركة فيتال -تونس

2017-until Now:

Professor of Medicinal Chemistry, Dept. of Medicinal & Pharmaceutical Chemistry, Faculty of Pharmacy, University of Tripoli, Tripoli, Libya.

- من 2017 -الي الان: استاذ مشارك في الكيمياء الطبية-قسم الكيمياء الطبية والصيدلانية -كلية الصيدلة -جامعة طرابلس-ليبيا

2013 – 2017:

Associate Professor of Medicinal Chemistry, Dept. of Medicinal & Pharmaceutical Chemistry, Faculty of Pharmacy, University of Tripoli, Tripoli, Libya.

- من 2013-2017: استاذ مشارك في الكيمياء الطبية-قسم الكيمياء الطبية والصيدلانية -كلية الصيدلة -جامعة طرابلس-ليبيا

2009 – 2013:

Assistant Professor of Medicinal Chemistry, Dept. of Medicinal & Pharmaceutical Chemistry, Faculty of Pharmacy, University of Tripoli, Tripoli, Libya.

- من 2009-2013: استاذ مساعد في الكيمياء الطبية-قسم الكيمياء الطبية والصيدلانية -كلية الصيدلة -جامعة طرابلس-ليبيا

2006 – 2009:

Lecture of Medicinal Chemistry, Dept. of Medicinal & Pharmaceutical Chemistry, Faculty of Pharmacy, University of Tripoli, Tripoli, Libya.

- من 2006-2009: محاضر في الكيمياء الطبية-قسم الكيمياء الطبية والصيدلانية -كلية الصيدلة -جامعة طرابلس-ليبيا

2003 – 2006:

Assistant Lecturer. of Medicinal Chemistry, Dept. of Medicinal & Pharmaceutical Chemistry, Faculty of Pharmacy, University of Tripoli, Tripoli, Libya.

- من 2006-2003: مساعد محاضر في الكيمياء الطبية-قسم الكيمياء الطبية والصيدلانية -كلية الصيدلة -جامعة طرابلس-ليبيا

2017: Member of the scientific committee of Faculty of Pharmacy, University of Tripoli, Tripoli, Libya.

• **2017:** عضو اللجنة العلمية بكلية الصيدلة –جامعة طرابلس

Spring 2017: Head of the committee of the final examination of the faculty.

• **ربيع 2017 :** رئيس لجنة الامتحانات والمراقبة النهائية بالكلية.

2014/2015

Chairman , Dept. of Medicinal & Pharmaceutical Chemistry, Faculty of Pharmacy, University of Tripoli, Tripoli, Libya.

• **2014/ 2015:-** رئيس قسم الكيمياء الطبية والصيدلانية –كلية الصيدلة –جامعة طرابلس-ليبيا

10/2013-2/2014:

Dean of Faculty, University of Tripoli, Tripoli , Libya.

• **2014/2-2013/10:-** عميد كلية الصيدلة –جامعة طرابلس- طرابلس- ليبيا

2012-2013:

Vice Dean for scientific Affair of Faculty of pharmacy, University of Tripoli, Tripoli, Libya.

• **2013-2012:-** مساعد عميد كلية الصيدلة للشؤون العلمية (الوكيل) –جامعة طرابلس- طرابلس- ليبيا

2011-2012:

Chairman, Dept. of Medicinal & Pharmaceutical Chemistry, Faculty of Pharmacy, Univ.of Tripoli, Tripoli, Libya.

• **2012-2011:** رئيس قسم الكيمياء الطبية والصيدلانية –كلية الصيدلة –جامعة طرابلس- طرابلس- ليبيا

2009-2011:

Head of the quality control Lab, University of Tripoli, Faculty of pharmacy Tripoli, Libya.

• **2011-2009:** رئيس معمل الرقابة –كلية الصيدلة –جامعة طرابلس- طرابلس- ليبيا

2004-2008:

Visiting Lecturer, Alzawia University, Faculty of pharmacy, Alzawia, Libya.

• **من 2008-2004:** استاذ زائر في الكيمياء الطبية –كلية الصيدلة –جامعة الزاوية – الزاوية- ليبيا

2006-2009:

Visiting Lecturer, Almergab University, Faculty of pharmacy, Almergab, Libya.

• **من 2009-2006:** استاذ زائر في الكيمياء الطبية –كلية الصيدلة –جامعة المرقب – الخمس - ليبيا

2005-2015

Supervising graduate research and teaching associate, Dept. of Medicinal Chemistry, Faculty of Pharmacy, University of Tripoli, Tripoli, Libya.

• **من 2015-2005:** اشراف على طلبة مشاريع التخرج لطلبة البكالوريوس – قسم الكيمياء الطبية والصيدلانية –كلية الصيدلة – جامعة طرابلس – طرابلس- ليبيا

1992-1995:

Teaching assistant, Nursing Institute Alswani, Alswani, Libya.

• **استاذ متعاون –المعهد الصحى السوانى –السوانى-ليبيا**

1989-1992:

Pharmacist, Central Hospital of Tripoli (hospital Pharmacy) -drug distribution, Tripoli, Libya.

• **1992-1989:** صيدلاني بمستشفى طرابلس المركزي

1993-1995:

Clinical Pharmacist, Nephrology Center, Hemodialysis Unit, Tripoli, Libya.

• 1995-1993 صيدلي سريري- مركز غسيل الكلى - طرابلس

TEACHING EXPERIENCE:

الخبرة العلمية :

Medicinal & Pharmaceutical Chemistry courses for undergraduate students.

Undergraduate:

فصول في الكيمياء الطبية لطلبة البكالوريوس

1. **Pharmaceutical Medicinal Chemistry:** A standard course offered to the third and fourth year class, Faculty of Pharmacy. Emphasis is on uses, syntheses, correlation of properties, structure and biological activity for compounds of medicinal and pharmaceutical importance.

• تدريس مادة الكيمياء الطبية (التخليق الدوائي) للسنوات الثالثة والرابعة من حيث التخليق ودراسة العلاقة بين المركبات الكيميائية والدوائية والنشاط الحيوي لها

2. **Spectrophotometric Identification of Pharmaceutical Compounds:** The course deals with the principles and application of mass (MS) and infra-red (IR) spectrometry in the structural elucidation of organic compounds.

• تدريس مادة التحليل الألي للسنة الثانية من حيث الاساسيات والتطبيقات لتحديد الكتلة والمجموعات الوظيفية والتركيب الهيكلي للمركبات العضوية

3. **Advanced Medicinal Chemistry:** A standard course offered to post graduate student, faculty of pharmacy, Correlation of properties, structure and biological activity for recent compounds of medicinal and pharmaceutical importance.

• تدريس مادة الكيمياء الطبية المتقدمة لطلبة الدراسات العليا من حيث التخليق وتطوير ودراسة العلاقة بين المركبات الكيميائية والدوائية الحديثة والنشاط الحيوي لها .

4. I Participated in teaching training courses good manufacturing practices (GMP) , which was held in January 2018, organized by national institution for medical staff development

• شارك في تدريس دورات تدريبية لممارسة التصنيع الجيد التي اقيمت في شهر يناير 2018 والتي نظمت المؤسسة الوطنية لتأهيل وتطوير الكوادر الطبية

SPECIAL SKILLS/INTERESTS AND ACTIVITIES: المهارات الخاصة/الاهتمامات/الانشطة

1. Interested in the fields of Methylxanthine as adenosine receptor subtypes agonist and antagonist .
2. Interested in the fields of tricyclic theophylline derivatives as a potential agent acting on CNS and CVS.
3. Interested in the fields alkyl amide derivatives of tricyclic theophylline as 5-HT₁ and 5-HT₂ agonist or antagonist.
4. Synthesis and Biological Activity of Some New benzimidazole derivatives.
5. Synthesis and Pharmacological properties of Some New Phthalimide Derivatives as potential agent acting on CNS and CVS.
6. Synthesis and Pharmacological prosperities of Some New indole derivatives
7. Synthesis and Biological activity of some new amide derivatives
8. Synthesis and Biological Activity of some New indole & benzimidazole Schiff's base

9. Synthesis and pharmacological activity of new succinimide derivatives.
10. I shared on the activity performed abroad tempus Joint European Project; it was take place in Bonn, 11/1999.
11. In Sep/ 2010 I participated in the Drug design & computer modelling Workshop organized by National Medical centre at Alzawia.
12. In Sep/2017 I participated in the GMP training course organized Research and Training Center and studies of the Council of Arab economic unity.
13. An inspection visit to SABA company, Sana, Yumen, 2005
14. An inspection visit to Bruschettini S.R.L. 2006, Via Isonzo, 6, 16147 Genova GE, Italy
15. An inspection visit to **Merck Serono S.A company**, 16-6-2017/ 1170 Aubonne / Switzerland
16. An inspection visit to **Vital Laboratories/** 1-5-2017 , ZI Ben Arous km 5 route de Mornag/Tunisia
17. An inspection visit to **Sanzyme Company**, :2018-5-10. Banjara Hills, Hyderabad. , India

MEMBERSHIPS OF COMMITTEES AND PROFESSIONAL BODIES: عضوية اللجان والهيئات:

- | | |
|--|---|
| 1. Member, Arab Pharmacists Union | 1. عضو باتحاد الصيادلة العرب |
| 2. Member, Libyan Assembly of Pharmaceutical Sciences | 2. عضو بالجمعية الليبية للعلوم الصيدلانية |
| 3. Member, International pharmaceutical Federation (FIP) | 3. عضو باتحاد الصيدالة العالمي |

CONFERENCES: المؤتمرات العلمية:

- 1- O FHID., M PAWLAOWSKI., A CEDRA.: Synthesis of some amide derivatives of pyrimido-[2,1-f]-theophylline, Poster presentation, at XVII Polish Pharmaceutical Society " the prospective pharmacy XXI.W, Cracov, Poland, 09/1998.
- 2- O FHID., M PAWLAOWSKI, Synthesis of some amide derivatives of pyrimidoinono-[2,1-f]-theophylline, Poster presentation, at Multidisciplinary conference on drug research, Muszyna, Poland, 03/1999.
- 3- O FHID., M. PAWLAOWSKI, s JURCZYK.: Synthesis of some pyrimidin-6-on[2,1-f]-theophylline-9-alkylcarboxylic acid amide derivatives acting on CNS and Cardio-vascular system, Poster presentation, at The second Multidisciplinary conference on drug research, Jelenia Gora-Cieplice, 2000.
- 4- O FHID., M. PAWLAOWSKI, Chemical and Pharmacological properties of new tetrahydro pyrimido-[2,1-f]-theophylline, Poster presentation, Polish chemical society Łódź, Poland, 09/ 2000.
- 5- O FHID., M. PAWLAOWSKI., B FILIPEK., R HORODYNSKA., D MACIAG.: Chemical and Pharmacological properties of new pyrimidine-8-on--[2,1-f]-theophylline-9-alkylcarboxylic acids derivatives., Poster presentation, in Hungarian-German-Italian-Polish Joint Meeting on Medicinal Chemistry, Budapest, Hungary, 09,2001.
- 6- O FHID., M. PAWLAOWSKI., CHRISTA. E. MULLER.: Synthesis A₁ and A_{2A} receptor affinity of new amino-alkyl-amides of pyrimidin-8-on- [2,1-F]-theophylline -9-alkylcarboxylic acids, poster presentation, at XIV International Congress of the Polish Pharmacological Society, Cracov, Poland, 09/2001.
- 7- O FHID., M. PAWLAOWSKI.: Synthesis and properties of some new amides of pyrimidin-8-on[2,1-f]-theophylline-9-propanoic acid, poster presentation, at the scientific of the Polish Pharmaceutical Society XVIII, Poznan, Poland, 09/2001.

- 8- O FHID., M. PAWLAOWSKI.: Pyrimidin-8-on[2,1-F] –theophylline-9-alkyl carboxylic acids and some of their derivatives acting on CNS and Cardio-vascular system, oral presentation, at The 5th Scientific Congress of the Association of the College of Pharmacy in the Arab World & The 2th International Conference of the Faculty of Pharmacy, “New Millenium, New Horizons in Pharmaceutical Science” Amman, 10/2001
- 9- O FHID., M. PAWLAOWSKI., B DUSZYNSKA.: 5-HT_{1A} and 5-HT_{2A} receptor affinity of new arylpiperazinobutyl pyrimidin-8-on [2,1-F]-theophyllines, Poster presentation, at 9th Blue Danube Symposium on Heterocyclic Chemistry, Tatranska Lomnica, Slovak Republic, 06/2002.
10. O. Fhid.: Synthesis and anticonvulsant properties of new amide derivatives of pyrimidin-8-on[2,1-f]theophylline-9-alkylcarboxylic acids, oral presentation at The 4th pharmaceutical Scientific, Tripoli-Libya 2003.
11. O Fhid.: Methods for the synthesis of new tricyclic theophylline derivatives, oral presentation at The 5th pharmaceutical Science, Bengaze-Libya 2005.
12. O Fhid.: Tricyclic theophylline derivatives as a potential agent acting on CNS and CVS: an overview, Poster presentation at The 6th pharmaceutical Science , Musrata-Libya 2006.
13. R. Musrati., O. Fhid, L. Ferjani : XENOBIOTIC, HISTORY, SOURCES AND THEIR METABOLISM., Poster presentation at The 6th pharmaceutical Science , Musrata-Libya 2006.
14. OMRAN. FHID., ESRA ALNNAS ., YOUSRA HAROON., SHAPAN ALJAL : Synthesis and analgesic activity of some new N-Substituted phthalimide analogs, poster persentation at The 6th international conference on drug discovery & therapy, Dubai, U.A.E 2014.

PUBLICATIONS:

المنشورات العلمية:

1. **Central nervous system activity of new pyrimidine-8-on[2,1-f] theophylline-9-alkylcarboxylic acids derivatives**
Author(s) FHID ; PAWLOWSKI ; FILIPEK ; ...
Polish journal of pharmacology 2002, 54, 245 – 254
2. **Pyrimidin-8-on[2,1-fltheophylline-9-alkylcarboxylic acids amides as A₁ and A_{2A} adenosine receptor ligands**
Author(s) FHID ; PAWLOWSKI; JURCZYK ; ...
Il Farmaco (Pavia) 2003, 58, 439 – 444.
3. **Synthesis and 5-HT_{1A}/5-HT_{2A} activity of some butyl analogs in the group of phenylpiperazine alkyl pyrimido [2,1-f]theophyllines**
Author(s) FHID O; ...KOLACZKOWSKI ; ZAJDEL ;
Pharmacological reports 2005, 57, 229 – 235.
4. **The cardiovascular properties of some amide derivatives of pyrimidin-8- on[2,1-f]theophylline-9-alkylcarboxylic acids**
Author(s) Zagórska ; Fhid ; Pawłowski ; ...
Letters in drug design and discovery 2006, 3, 346 – 350
5. **Synthesis and anticonvulsant properties of new amide derivatives of pyrimidin-8-on [2,1-f] theophylline -9-alkylcarboxylic acids**

- Author(s) O FHID ; Pawlowski P., K. Aroud.....
Journal of basic and applied science, 2005, 2, 15.
6. **Methylxanthine as Adenosine Receptor Antagonists, An Overview.**
Author(s) OMRAN FHID .
Journal of basic and applied science-Libya: 2006
 7. **Review article: Structure and function of A1 adenosine receptor**
Author(s) Omran N. Fhid*, Talal H. Zeglam and Masoud A. Alag, Lib. J. Med. Res. 7, 2: 2010.
 8. **Synthesis and antimicrobial activity of some novel amide derivatives**
Author(s) T. H. Zeglam^{1*}, O. N. Fhid¹, A. O . Jebril² and M. A. Anweir¹ :
Tripolitania Medical Journal (2012); 1(1): 70-77.
 9. **Synthesis and anticoagulant properties of new amide derivatives of of pyrimido -8- on [2,1-f]theophylline-9-alkylcarboxylic acids**
Author(s) OMRAN FHID, Tarq Almog, PAWLOWSKI. Maceuj...
International Journal of Pharmaceutical & Biological Archives, 2012: 3(3):
 - 10 **Synthesis, characterization and pharmacological evaluation of some tricyclic-theophylline derivatives**
Author(s) Omran. Fhid*, Muacij. Pawłowski, Beata Duszynska
Journal of Chemical and Pharmaceutical Research, 2012,4(5):2367-2372.
 11. **Tri- and tetra- cyclic theophylline derivatives as a potential agent acting on CNS and CVS: an Overview.**
Author(s) Omran N. Fhid*, Talal H. Zeglam and Masoud A. Alag.....,
Journal of International Journal of Pharmaceutical & Biological Archives, 2012;3(3):507-512.
 12. **Synthesis, characterization and biological evaluation of shciff's bases**
Author(s) Omran Fhid, Talal Zeglam and Asma Jebril.
Journal of pharmaceutical & scientific Innovation, 2014, 3, 10-13.
 13. **Synthesis and pharmacological activity of some new α N-Phthalimido amino acids analogues.**
Author(s) Omran. Fhid^{1*}, Talal. H. Zeglam, Shapan. E. A. Saad, Asma. Eswayah, Tarek. Elmug1, Hamza. S. Atia, Hamz. M. Ashur, Abdusalam. H. Alnaghnogy.
American Journal of Pharmacy and Pharmacology, 2014; 1(1): 1-5
 14. **Synthesis, Characterization and Antiepileptic Activity of Some New N-Substituted Phthalimide Analogs**
Author(s) Omran N. R. Fhid, Shaban E. A. Saad, Talal H. Zeglam, Asma Eswayah, Tariq Elmoug, Esra Alnnas¹, Yousra Haroon, Ahmed A. Eldep and Abdelhamed Ebzabez
Journal of Life Sciences, April 2014, Vol. 8, No. 4, pp. 373-377
 15. **Synthesis, characterization and pharmacological activity of some new phthalimide derivatives**
Author(s) Omran Fhid , Talal H. Zeglam , Shaban E. A. Saad, Tariq Elmoug , Asma Eswayah , Majda Zitouni, Wafa Sdera, Ahmed A. Edeep and Abdelhamed Ebzabez.
Der Pharma Chemica, 2014, 6(2):234-238.

16. **Synthesis, characterization and analgesic activity of several new n-substituted phthalimide analogues**
 Author(s) Omran Fhid, Shaban E.A. Saad , Talal H. Zeglam, Asma Eswayah , Jamal Baki , Esra Alnnas , Yousra Haroon , Majda Zitouni and Wafa Sdera.
IJPSR, 2014; Vol. 5(8): 3199-3203
17. **Synthesis, characterization and anti-microbial activity of some novel ester-ether phenol derivatives.**
 Author(s) Talal H. Zeglam, Omran N. R. Fhid*, Asma.Gebril, Massud A.S.Anwair, Reham M.Mufti and Zakia A.Ghanfoud
 European journal of biomedical and Pharmaceutical sciences , 2015, 2 (3): 91-96
18. **Synthesis, analgesic and antiepileptic properties of some novel n-substituted succinimide**
 Author(s) Omran N. R. Fhid., Talal H. Zeglam, Shaban E. A. Saad., Mohammed. Sh. Shlaka., Mohammed.A. Dao
 World journal of pharmacy and pharmaceutical sciences, 2015, 4(06): 24-34 .
19. **Synthesis and Pharmacological activity of N-substituted Succinimide analogs**
 Author(s) Omran N. R. Fhid., Talal H. Zeglam., Shaban E. A. Saad ., Suaad M. Abuskhuna., Rowida .M. Alglad., Hana. M.Gamberlou., Nabila. B.Masoud
 International Journal of PharmTech Research, 2015, Vol.8, No.3, pp 434-439.
20. **Synthesis and antimicrobial activity of some new phthalimide derivatives**
 Author(s) Talal H. Zeglam , Omran N. R. Fhid , Suaad M. Abuskhuna , Asma.Gebril¹, Mohamed .A.Edweshia , Fouad. A.Abonaja , Ramy. Y.Krsift , Moad. M. Dardor
 Asian Journal of Pharmaceutical Analysis and Medicinal Chemistry, 2015m 3(3),154-161.
21. **synthesis, characterization and antimicrobial activity of some new phthalimide derivatives.**
 Author(s) Omran Fhid, A.m.doma , Talal H. Zegla, Jamal Baki , Majda Zitouni and Wafa Sdera,
 Der Pharma Chemica, 2015, 7 (11), 240-242.
22. **Synthesis and Pharmacological Evaluation of Some New Schiff Bases of Succinimide**
 Omran Fhid , Massud A. S. Anwair, Talal H. Zeglam, Shaban E.A.Saad, Areej.J.AL Aswed, Zahra .M.AL Aswed. Journal of Chemical, Biological and Physical Sciences, 2017, Vol. 7, No. 3; 605-613
23. **Synthesis and analgesic activity evaluation of some new benzimidazole derivatives**
 Asma Eswayah, *, Souad Khaliel, Shaban Saad3, Naima Shebani, Omran Fhid, Amal Belaid, Tawssul Alsharif, Haneen Elforjane, Yousra Saadalla, Ennam Baga.
 American Journal of Chemistry and Application, 2017; 4(5): 30-35
24. **Synthesis and biological evaluation of some novel schiff bases of benzimidazole derivatives**
 Author(s) Asma Eswayah¹, Rima Hermas, Souad Khaliel, Rehab R. Walli, Amal Belaid¹, Omran Fhid¹, Marwa Elmelady , Esraa Elhaddad¹, Fadilah Aleanizy⁴ and Fulwah Alqahtani
 European journal of biomedical and pharmaceutical sciences, 2018, **Volume: 5 ,Issue: 3, 11-16.**
25. **Virtual Screening Of N'-Methylene-1H-Indole-2-Carbohydrazide Schiff 's Base Derivatives as Cyclooxygenase Inhibitors.**
 Amira A Sadawe , Omran Fhid, Inass A Sadawe , Nisreen H Meiqal, Abdulathim A A Alshoushan, Salah M Bensaber Anton Hermann and Abdul M Gbajj. *ILupine Online Journal of Medical Sciences., volium 4, issue 2, 376-379, 2019*

26. Virtual Screening of Phenylenediamine Schiff's Base Derivatives as Possible DNA Intercalating Agents.

Nisreen H Meiqal¹, Bushra E Ammar¹, Inass A Sadawe¹, Abdulathim A A Alshoushan², Salah M Bensaber¹, Omran Fhid¹, Anton Hermann³ and Abdul M Gbaj., Biomed J Sci & Tech Res., Volume 24- Issue 3., 18381-18332., 10.1.2020

27. In silico studies of 2-(4-(aminomethyl)phenyl)isoindoline-1,3- dione Schiff base derivatives as potential inhibitors against main protease COVID-19 enzyme

Areej A. Al amara¹ , Omran N. Fhid¹ , Inass A. Sadawe¹ , Nisreen H. Meiqal¹ , Salah M. Bensaber¹ , Massaud S. Maamar² , Anton Hermann³ and Abdul M. Gbaj¹. Mediterr J Pharm Pharm Sci 1(1): 12-17, 2021

ELECTIVE COURSES:

الفصول الاختيارية:

- **July 2002** participated in the course organized by Clinical Biochemistry departement, University Chlidren's hospital, Krakow, Poland. Attended program in

1- Hematology

2- immunochemistry methods

3- basic genetics

4- Basic immunology

5- Therapeutic drug monitoring

6- HPLC technics

SUBJECT AREA:

مواضيع ذات الصلة بالاهتمام:

Pharmacology, Clinical pharmacy, Chemistry, Biochemistry, Genetics and Molecular Biology.

REFERENCES

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