

السيرة الذاتية

أ.م.د. اياد محمد رشيد رؤوف

الجامعة المستنصرية – كلية الصيدلة

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ملخص تعريفى :

●المساهمة الفاعلة في اعطاء طلبة الدراسات الاولية ما هو جديد في مجال اختصاصهم وكذلك اجراء بحوث مع طلبة الدراسات العليا بما ينفع المسيرة العلمية للتعليم العالي

الشهادات الدراسية :

- دكتوراة كيمياء عضوية – جامعة بغداد- كلية العلوم- قسم الكيمياء- 1996
- ماجستير كيمياء لاعضوية- جامعة بغداد- كلية العلوم- قسم الكيمياء- 1981
- بكوريوس كيمياء صناعية- جامعة بغداد- كلية العلوم- قسم الكيمياء- 1978

الجوائز والتكريم الاكاديمي :

- العديد من كتب الشكر والتقدير من:
- السيد وزير التعليم العالي والبحث العلمي
- السيد رئيس الجامعة المستنصرية المحترم
- السيد عميد كلية الصيدلة – الجامعة المستنصرية المحترم
- السيد عميد كلية الصيدلة – جامعة بغداد المحترم
- السيد عميد كلية الرشيد الجامعة
- السيد عميد كلية العلوم – جامعة بغداد المحترم
- السيد رئيس جهاز التقييس والسيطرة النوعية – وزارة التخطيط المحترم

الخبرة الاكاديمية والتدريس:

- مسؤول وحدة الشؤون العلمية
- مقرر فرع الكيمياء الصيدلانية
- رئيس اللجنة الامتحانية
- مسؤول الترقيات العلمية
- الاشراف على العديد من طلبة الدراسات العليا (ماجستير ودكتوراة)
- استشاري لطالبيين من كلية الطب – جامعة النهرين من طلبة الدكتوراة
- مقوم علمي لمجلة عالمية
- مقوم علمي للعديد من البحوث من المجالات المحلية
- مقوم علمي للعديد من الرسائل والاطاريح لطلبة الدراسات العليا
- مقوم لعدد كثير من براءات الاختراع المرسله من قبل جهاز التقييس والسيطرة النوعية – وزارة التخطيط
- الاشراف على مشاريع تخرج المرحلة الخامسة
- عضو لجنة تحرير مجلة كلية الصيدلة – الجامعة المستنصرية

المقررات الدراسية التي تم تدريسها :

الدراسات العليا	الدراسات الاولية
الكيمياء العضوية المتقدمة	كيمياء عضوية III (مرحلة ثانية)
كيمياء الحلقات غير المتجانسة المتقدمة	كيمياء عضوية III (مرحلة ثانية)

المنشورات العلمية:

1. Zahraa S.Ghanim; Monther F.Mahdi; Ayad M.R.Raauf. Molecular Docking, synthesis, anticancer assessment and ADME study of naproxen containing imidazole ring derivatives. Material today: proceeding.Available online 5 June 2021. <https://doi.org/10.1016/j.matpr.2021.05.455>
2. Noor Waleed Ibrahim; Monther F.Mahdi; Ayad M.R.Raauf. Design, molecular docking, synthesis and evaluation of new 5-aminoisatin derivatives as tyrosine kinase inhibitors. Material today: proceeding.Available online 4 June 2021. <https://doi.org/10.1016/j.matpr.2021.05.487>.
3. Hussien A Karim; Ayad M.R. Raauf; Karima F. Ali. Synthesis And Preliminary Pharmacological Evaluation Of Some New Triazole Derivatives Bearing Nabumetone Moiety Targeting Cyclooxygenase Enzyme. Rys Rev Pharm. 2021, 12(1), 190-195.
4. Ayad Mohamed Rasheed Raauf; Hala Ayad Mohamed Rasheed; Farah Abdulhaleem. Novel Antimicrobial Sulfonamides Derived from Nabumetone. Organic Preparations and Procedures International 2021, 53, 95-99. DOI: 10.1080/00304948.2020.1850089
5. Saja Nabhan Addai; Bahir Abdul Razzaq Mshimesh; Ayad Mohammad Rasheed. Phytochemistry and cytotoxic activity of Annona muricata Seed Extracts against MEF cell line. Al Mustansiriyah Journal of Pharmaceutical Sciences, 2020, 20(4), 57-71.
6. Zaid Mahdi Jaber Al-Obaidi; Omar F. Abdul-Rasheed; Monther F Mahdi; Ayad M R Raauf. A Comparative, Randomized, Double-Blinded, and Vehicle-Controlled Study for the Reduction in Facial Pigmentation after Treatment with both Tranexamic Acid and Tranexamic Acid Ethyl Ester. Sys Rev Pharm 2020; 11(6): 563 567.
7. Ali N Hussein; Omar F. Abdul-Rasheed; Monther F Mahdi; Ayad M R Raauf. The Evaluation of Antiproliferative Effect of Imatinib derivatives Against Breast and Colon Cell-Lines. International Journal of Pharmaceutical Quality Assurance (2020); 10(1): 144-147 DOI: 10.25258/ijpqa.11.1.22.
8. Abdullah Q. Khudhur1*, Nidhal K. Maraie2, Ayad M.R. Raauf. Identification and Quantitation of Phospholipid Binding Sites in Lipid Drug Conjugate Pharmacosomes using Model Drug. Sys Rev Pharm 2020; 11(5): 458 - 463.
9. Ayad M. R. Raauf; Sura S. Raouf ; Nehad Kanaan Abed; Hala Ayad M. Non-Steroidal Anti-inflammatory Drugs (NSAIDs): Synthesis of Ibuprofen, Naproxen and Nabumetone. Al Mustansiriyah Journal of Pharmaceutical Sciences, 2019, 19(3),19-27.
10. Zaid Mahdi Jaber Al-Obaidi; Omar F. Abdul-Rasheed; Monther F Mahdi; Ayad M R Raauf. Biological Evaluation of Newly synthesized Spebrutinib Analogues: Potential Candidates with Enhanced Activity and Reduced Toxicity Profiles. International Journal of Drug Delivery.2019, 9(03):339-346. DOI: 10.25258/ijddt.v9i3.3.
11. Ali N Hussein; Omar F. Abdul-Rasheed; Monther F Mahdi; Ayad M R Raauf. Molecular Docking Studies for Design, Synthesis and Characterization of New Imatinib Analogues.2019,10(4),1-9.

12. Zaid Mahdi Jaber Al-Obaidi; Omar F. Abdul-Rasheed; Monther F Mahdi; Ayad M R Raauf. In Silico Design, Synthesis and Characterization of New Spebrutinib Analogues. *Pharm Anal Acta*, 2019,10(3), 1-9.
13. Omar A. Yousif, Monther F. Mahdi and Ayad M. R. Raauf “ Design, synthesis, preliminary pharmacological evaluation, molecular docking and ADME studies of some new pyrazoline, soxazoline and pyrimidine derivatives bearing nabumetone moiety targeting cyclooxygenase enzyme” *J Contemp Med Sci* 2019,5(1): 41–50 2.
14. Ayad M. R. Raauf, Rafah F. Al-Smaism, Khalida A. Thejeel & Hala Ayad M. Rasheed “Synthesis, characterization and antimicrobial study via new heterocyclic derivatives of Trimethoprim “*Natural Product Research* 2019, 33(9): 1277–1283.
<https://doi.org/10.1080/14786419.2018.1470516>
15. Mustafa M. Allawi; Monther F. Mahdi; Ayad M. R. Raauf
Synthesis, anti-inflammatory, molecular docking and ADME studies of new derivatives of ketoprofen as cyclooxygenases inhibitor. *Al Mustansiriyah Journal of Pharmaceutical Sciences*, 2019, 19(4),125-139.
16. Duha E. Taha; Ayad M.R Raauf; Karima F. Ali. Design, Synthesis, Characterization, Biological Activity and ADME Study of New 5-arylidene-4-Thiazolidinones Derivatives Having. *Al Mustansiriyah Journal of Pharmaceutical Sciences*, 2019, 19(4),77-88.
17. Enas k. Abd alazez; Ayad M.R Raauf; Karima F. Ali. Synthesis, Characterization and Antibacterial Activity of New Derivatives of Imidazolidine having Sulfamethoxazole Moiety. *Al Mustansiriyah Journal of Pharmaceutical Sciences*, 2019, 19(4),217-238.
18. Anwar Mehdi, Widad M K Al-Ani; Ayad Raouf. Isolation Of Astragalin from Iraqi *Chenopodium Album*. *Asian J Pharm Clin Res*, 2018,11(12), 530-535.
19. Monther Faisal Mahdi, Ayad Mohammed Rasheed Raauf, and Shahbaa Shafeeq Rzoqi “Synthesis, Characterization and Antimicrobial Study of New Nalidixic Acid Mannich Base Derivatives” *Der Pharma Chemica*, 2016, 8(19):424-432.
20. Anwar M. Abdulkareem , Widad M K Al-Ani, Ayad M R Raauf “ Detection of Sitosterol in *Chenopodium album* of Iraq by GC/MS Analysis” *Int. J. Pharm. Sci. Rev. Res.*, 41(2), (2016)38-40.
21. Monther Faisal Mahdi, Ayad Mohammed Rasheed Raauf and Noor Muneer Mohammed "Synthesis, characterization and preliminary pharmacological evaluation of new non-steroidal anti-inflammatory pyrazoline derivatives” *European Journal of Chemistry* 6(4), (2015)461-467.
22. Monther F. Mahdi; Ayad M. R.Raauf and Farah A.H. Kadhim “Design, Synthesis and Acute Anti-Inflammatory Evaluation of New Non-Steroidal Anti-Inflammatory Agents Having 4-Thiazolidinone Pharmacophore” *Journal of Natural Sciences Research*, 5(6), (2015)21-28.
23. Ayad M.R. Raauf, “Synthesis, characterization and Biological activity of New mefenamic acid - oxoazetidine derivatives”, *Al-mustansiriyah J. of pharmaceutical science* 13(1),(2013)75-81.
24. Ayad M.R. Raauf et al, “Synthesis, characterization and antimicrobial activity of 3- substituted benzo[4,5]thiazolo[2,3-c][1,2,4]triazole”,*Al-mustansiriyah J. of pharmaceutical science* 13(2),(2013)9-15.
25. Ayad M.R. Raauf et al, “Chemical Composition and Antimicrobial Activity of the Crude Extracts Isolated from *Zingiber Officinale* by Different Solvents” *Pharmaceutica Analytica Acta* 3(9), (2012)
26. Ayad M.R. Raauf et al, “Spectrophotometric Determination of Trimethoprim in Pure Form and Pharmaceutical Formulations with Metol and Ferricyanide” *Tikrit J. of pharmaceutical science* 8(2), (2012) 69-80.

27. Ayad M.R. Raauf et al, "Spectrophotometric Determination of Sulfacetamide in Pure Form and Pharmaceutical Formulations with Metol and Ferricyanide", Al-mustansiriyah J. of pharmaceutical science.2012, 12(2), 189-199.
28. Ayad M.R. Raauf et al, "Effect of Viola odorata extract on Pseudomonas aeruginosa produce β -lactamase enzyme", Mustansiriya medical journal 11(1), (2012) 42-45.
29. Ayad M.R. Raauf et al, "The study of antibacterial activity of Hibiscus sabdariffa flowers extracts", Al-mustansiriyah J. of pharmaceutical science 11(1), (2012) 47-52.
30. Ayad M.R. Raauf et al, "The Antibacterial Activity of Callemia Sinensis (green tea) on Some Bacterial Species", Al-mustansiriyah J. of pharmaceutical science 10(2), (2011) 46 – 53.
31. Ayad M.R. Raauf et al, "Spectrophotometric Determination of Aspirin in Pure Form and Pharmaceutical Formulations using oxidation – reduction reaction", Al-mustansiriyah J. of pharmaceutical science 8(2), (2010) 157 – 168.
32. Ayad M.R. Raauf et al, "Synthesis, Characterization and Antimicrobial Activity of some New 2-Mercapto benzothiazole Heterocyclic Derivatives", Medical J. of Babylon 7(3-4), (2010) 422-430.
33. Ayad M.R. Raauf, Cecilia K. Haweel & Mohammed S. Hammed. Extraction of castor oil for (medical use). AJPS, 2009, 6(1), 174-178.

تطوير المهارات :

- المشاركة في العديد من المؤتمرات والندوات وورش العمل في كلية الصيدلة / الجامعة المستنصرية
- المشاركة في العديد من المؤتمرات والندوات وورش العمل في مختلف الجامعات الحكومية والاهلية

Assist. Prof. Ayad Mohammed Rasheed Rauf

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PERSONAL SUMMARY: EDUCATION:

- Ph.D. Organic Chemistry. Baghdad University, College of Science, Dept. of Chemistry.Iraq (1996).
- M.Sc. Inorganic Chemistry. Baghdad University, College of Science, Dept. of Chemistry.Iraq (1981).
- B.Sc. Chemistry. Baghdad University, College of Science, Dept. of Chemistry.Iraq (1978).

ACADEMIC HONORS AND AWARDS:

Many of the thanks' books and appreciation from.

- Minister of Higher Education and Scientific Research.
- President of the University of Mustansiriyah.
- Dean of the College of Pharmacy / University of Mustansiriyah.
- Dean of the College of Pharmacy / University of Baghdad.
- Dean of the College of science / University of Baghdad.
- Dean of the College of Al-rasheed. ACADEMIC /TEACHING EXPERIENCE
- Head of Scientific Affairs Unit
- Pharmaceutical Chemistry Branch
- Chairman of the examination committee
- Responsible for scientific promotions
- Supervision of many graduate students (Master and PhD)
- Consultant for PhD students from the college of Medicine - Al-Nharin University
- Scientific scholar of an international journal
- Scientific evaluator of many research papers from local journal
- Scientific proof of many thesis postgraduate students
- Scientific evaluator for many patents sent by the Standardization and Quality Control Authority - Ministry of Planning
- Supervising the graduation projects of the fifth stage

- Member of the Editorial Committee of the Journal of the college of Pharmacy - Mustansiriya University

COURSES TAUGHT:

Graduate	Undergraduate
Advanced Organic Chemistry	Organic Chemistry II (Second Stage)
Advanced heterocyclic chemistry	Organic Chemistry III (Second Stage)
Polymer Chemistry	Pharmaceutical Chemistry IV (Stage 5)

PUBLICATIONS:

1. Zahraa S.Ghanim; Monther F.Mahdi; Ayad M.R.Raauf. Molecular Docking, synthesis, anticancer assessment and ADME study of naproxen containing imidazole ring derivatives. Material today: proceeding. Available online 5 June 2021. <https://doi.org/10.1016/j.matpr.2021.05.455>
2. Noor Waleed Ibrahim; Monther F.Mahdi; Ayad M.R.Raauf. Design, molecular docking, synthesis and evaluation of new 5-aminoisatin derivatives as tyrosine kinase inhibitors. Material today: proceeding. Available online 4 June 2021. <https://doi.org/10.1016/j.matpr.2021.05.487>.
3. Hussien A Karim; Ayad M.R. Raauf; Karima F. Ali. Synthesis And Preliminary Pharmacological Evaluation Of Some New Triazole Derivatives Bearing Nabumetone Moiety Targeting Cyclooxygenase Enzyme. Rys Rev Pharm. 2021, 12(1), 190-195.
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6. Zaid Mahdi Jaber Al-Obaidi; Omar F. Abdul-Rasheed; Monther F Mahdi; Ayad M R Raauf. A Comparative, Randomized, Double-Blinded, and Vehicle-Controlled Study for the Reduction in Facial Pigmentation after Treatment with both Tranexamic Acid and Tranexamic Acid Ethyl Ester. Sys Rev Pharm 2020; 11(6): 563 567.
7. Ali N Hussein; Omar F. Abdul-Rasheed; Monther F Mahdi; Ayad M R Raauf. The Evaluation of Antiproliferative Effect of Imatinib derivatives Against Breast and Colon Cell-Lines. International Journal of Pharmaceutical Quality Assurance (2020); 10(1): 144-147 DOI: 10.25258/ijpqa.11.1.22.
8. Abdullah Q. Khudhur^{1*}; Nidhal K. Maraie²; Ayad M.R. Raauf. Identification and Quantitation of Phospholipid Binding Sites in Lipid Drug Conjugate Pharmacosomes using Model Drug. Sys Rev Pharm 2020; 11(5): 458 - 463.
9. Ayad M. R. Raauf; Sura S. Raouf ; Nehad Kanaan Abed; Hala Ayad M. Non-Steroidal Anti-inflammatory Drugs (NSAIDs): Synthesis of Ibuprofen, Naproxen and Nabumetone. Al Mustansiriyah Journal of Pharmaceutical Sciences, 2019, 19(3),19-27.
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Enhanced Activity and Reduced Toxicity Profiles. *International Journal of Drug Delivery*.2019, 9(03):339-346. DOI: 10.25258/ijddt.v9i3.3.

11. Ali N Hussein; Omar F. Abdul-Rasheed; Monther F Mahdi; Ayad M R Raauf. Molecular Docking Studies for Design, Synthesis and Characterization of New Imatinib Analogues.2019,10(4),1-9.
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13. Omar A. Yousif, Monther F. Mahdi and Ayad M. R. Raauf “ Design, synthesis, preliminary pharmacological evaluation, molecular docking and ADME studies of some new pyrazoline, soxazoline and pyrimidine derivatives bearing nabumetone moiety targeting cyclooxygenase enzyme” *J Contemp Med Sci* 2019,5(1): 41–50 2.
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<https://doi.org/10.1080/14786419.2018.1470516>
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17. Enas k. Abd alazez; Ayad M.R Raauf; Karima F. Ali. Synthesis, Characterization and Antibacterial Activity of New Derivatives of Imidazolidine having Sulfamethoxazole Moiety. *Al Mustansiriyah Journal of Pharmaceutical Sciences*, 2019, 19(4),217-238.
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19. Monther Faisal Mahdi, Ayad Mohammed Rasheed Raauf, and Shahbaa Shafeeq Rzoqi “Synthesis, Characterization and Antimicrobial Study of New Nalidixic Acid Mannich Base Derivatives” *Der Pharma Chemica*, 2016, 8(19):424-432.
20. Anwar M. Abdulkareem , Widad M K Al-Ani, Ayad M R Raauf “ Detection of Sitosterol in *Chenopodium album* of Iraq by GC/MS Analysis” *Int. J. Pharm. Sci. Rev. Res.*, 41(2), (2016)38-40.
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24. Ayad M.R. Raauf et al, “Synthesis, characterization and antimicrobial activity of 3- substituted benzo[4,5]thiazolo[2,3-c][1,2,4]triazole”,*Al-mustansiriyah J. of pharmaceutical science* 13(2),(2013)9-15.

25. Ayad M.R. Raauf et al, "Chemical Composition and Antimicrobial Activity of the Crude Extracts Isolated from Zingiber Officinale by Different Solvents" *Pharmaceutica Analytica Acta* 3(9), (2012)
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28. Ayad M.R. Raauf et al, "Effect of Viola odorata extract on Pseudomonas aeruginosa produce β -lactamase enzyme", *Mustansiriya medical journal* 11(1), (2012) 42-45.
29. Ayad M.R. Raauf et al, "The study of antibacterial activity of Hibiscus sabdariffa flowers extracts", *Al-mustansiriyah J. of pharmaceutical science* 11(1), (2012) 47-52.
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33. Ayad M.R. Raauf, Cecilia K. Haweel & Mohammed S. Hammed. Extraction of castor oil for (medical use). *AJPS*, 2009, 6(1), 174-178.