

## **Monther Faisal Mahdi**



**Name:** Monther Faisal Mahdi

**Date of Birth:** 28<sup>th</sup> Aug, 1971

**Religion:** muslim

**Martial statues:** married

**No. of children:** four

**Specialization:** Pharmaceutical Chemistry

**Position:** Dean of Pharmacy College – Mustansiriyah University

**Scientific Degree:** Professor

**Work Address:** Pharmacy College – Mustansiriyah University

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[dr.monther.f71@uomustansiriyah.edu.iq](mailto:dr.monther.f71@uomustansiriyah.edu.iq)

- Professor in Pharmaceutical Chemistry since 5-5-2015
- Consultant of Pharmaceutical Chemistry at the Ministry of Health since 12-2017
- Vice-Council of improving the quality of pharmacy colleges in Iraq 2017- 2023.
  - Member of the Ministerial Medical Committee to evaluate certificates from abroad since 2020.
- Member of the Ministerial Committee for the approval, follow-up and evaluation of research projects within the research project of medicines and pesticides 2016-2020
- Member of the Ministerial Committee for the approval, follow-up and research project of medicinal plants and herbal medicines 2016-2020.
- faculty member since 2000

## **Academic Degrees:**

- 1 - PHD # 1: - Iraq - University of Baghdad - College of Pharmacy - 2006
2. Master # 2: - Iraq - University of Baghdad - College of Pharmacy - 2000
3. Bachelor # 3: - Iraq - University of Baghdad - College of Pharmacy – 1994

## **Academic Honors and Awards**

- More than (25) distinction
- Got patents for both 2017, 2018, 2022 and 2023 .

## **Academic experience and teaching**

- Member of the American Chemical Society.
- Member of the executive board of the Scientific Association of Faculties of Pharmacy in the Arab World.
- Deputy Iraqi Alternative Medicine Foundation.
- Member of the Nahrain Association of Iraqi scientists.
- Member of the forum of Iraqi inventors.
- Chairman of Editorial Board of Mustansiriyah Journal of Pharmaceutical Sciences 2012/10 - 2018/1 and 2020 to yet.
- Member of the Editorial Board of Al Mustansiriyah Journal of Pharmaceutical Sciences 2/2018 -12/2019
- Member of the editorial board of the Iraqi Journal of Pharmaceutical Sciences since 2016
- Member of the committee of deans of the faculties of pharmacy.
- Member of the Pharmacists Syndicate.

## **Previous Administrative and Scientific Positions:**

1. Dean of the College of Pharmacy / Mustansiriyah 2018/1/4 - 2012 / 9/26
2. Head of pharmaceutical chemistry branch: 26/9/2012
3. Assistant Dean for Administrative Affairs: 10-2010 \_ 1-9-2008
4. Representative of the Ministry of Higher Education to supervise the College of Baghdad for national pharmacists 2013 -2016
5. Member of the analytical committee for the project of infrastructure for the development of scientific capabilities of medical group colleges 2013
6. Signing a memorandum of understanding with the University of Luleo, Sweden, 20/4/2013
7. Signing a memorandum of understanding with the British University in Bangkok, 5/3/2014

8. Member of the Committee to study the plan of cooperation with the University of Lulea in the Kingdom of Sweden 2013-2014
9. Member of the Council of Quality Assurance at Mustansiriyah University 2014-2018
10. Head of Continuing Education Unit for 2007 and 2008.
11. Chairman of the Examinations Committee for 2007-2008

### **Scientific Activities:**

- Supervisor of postgraduate studies:
  - PH.D. Students: ٧٤
  - M.Sc. Students: ٥٣
  - H.D. Students: 1
- **Published articles:**
  - Abroad: 77, In Iraq: 30

### **Awards and Certificates of Appreciation:**

Prime Minister, Minister, president of the University, Dean = more than 1٧0

### Research Projects:

No.	Research Title	Place of Publication	Year
	<i>Identification of 2-(piperazine-1-yl)-H-benzo[d]imidazole derivatives as a potent EGFR</i>	<i>Turkish Comp Theo Chem (TC&amp;TC) Volume (Issue): 10(2) – Year:</i>	2026
	<i>Molecular Docking, Synthesis, Characterization and Preliminary Evaluation of some New 3-Ethyl-1H-Indole Derivatives as Potential COX-2 Inhibitors</i>	<i>Advanced Journal of Chemistry, Section A, 2025, 8(5), 948-960</i>	2025
	<i>Design, Molecular Docking, Molecular Dynamic Simulations, MM-GBSA Study, and Pharmacokinetics Prediction of New Imidazolidinone Derivatives as Selective COX-2 Inhibitors</i>	<i>Palestinian Medical and Pharmaceutical Journal PMPJ. Vol. 10 (2), 2025</i>	2025
	<i>Design, Molecular Docking, Synthesis, Characterization and Preliminary Evaluation of Novel 1,3,4-Oxadiazole Derivatives as Cyclin-</i>	<i>Al Mustansiriyah Journal of Pharmaceutical Sciences, 2025, Vol. 25, No.1</i>	2025
	<i>Unraveling the role of hyaluronic acid on the targeting of vinorelbine-loaded NLC for lung cancer</i>	<i>Pharmacia 72: 1–13 DOI 10.3897/pharmacia.72.e143192</i>	2025
	<i>A Novel Series of Pyrazole and Thiadiazole Derivatives Bearing Nabumetone Moiety: Design, Molecular Docking Study, Synthesis, Characterization, and Preliminary Pharmacological Evaluation.</i>	<i>Iraqi J Pharm Sci, Vol.34(1) 2025</i>	2025
	<i>Identification of Indole Derivatives as Selective Cyclooxygenase-2 Inhibitors by Virtual Screening and Molecular Dynamic Simulation</i>	<i>Turkish Comp Theo Chem (TC&amp;TC) Volume (Issue): 9(2) – Year: 2025 – Pages: 19-32</i>	2025
	<i>Design, Molecular Docking, Synthesis and Antiproliferative Evaluation of New 5-Aminoisatin Derivatives</i>	<i>Iraqi J Pharm Sci, Vol.34(3) 2025</i>	2025
	<i>Beyond Binary: A Machine Learning Framework for Interpreting Organismal Behavior in Cancer Diagnostics</i>	<i>Biomedicines 2025, 13, 2409</i>	2025
	<i>Molecular docking, synthesis and preliminary pharmacological evaluation of new (2-methyl benzimidazole-1-yl)-N- derivatives having imidazolidinone moiety</i>	<i>Chem Rev Lett 8 (2025) 1132-1145</i>	2025
	<i>In silico Molecular Docking, Molecular Dynamic Simulation and ADME Study of New (2-Methyl Benzimidazole-1-yl)-N- Derivatives with Potential Anti-proliferative Activity</i>	<i>Turkish Comp Theo Chem (TC&amp;TC) Volume(Issue): 9(1) – Year: 2025 – Pages: 115-128</i>	2025

	<i>In Silico Molecular Docking, Molecular Dynamics Simulation, and Pharmacokinetic prediction of Novel N-(2-(4-oxo-2-phenylquinazoline-3(4H)-yl) Derivatives with</i>	<i>Turkish Comp Theo Chem (TC&amp;TC) Volume(Issue): 9(4) – Year: 2025 – Pages: 64-77</i>	2025
	<b>Synthesis, Molecular Docking, Characterization, and Preliminary Evaluation of Some New 1, 3-Diazetid-2-One Derivatives as Anticancer Agents</b>	<i>Al Mustansiriyah Journal of Pharmaceutical Sciences, 2024, Vol. 24, No.1</i>	2024
	<b>Molecular modelling, Synthesis and Antiproliferative Evaluation of New Phenyl diazenyl)-Pyrazol Schiff Base Derivatives</b>	<i>Al Mustansiriyah Journal of Pharmaceutical Sciences, 2024, Vol. 24, No.1</i>	2024
	<b>Molecular Modeling, Synthesis, and preliminary pharmacological evaluation of New Sulfonamide Derivatives as Selective Carbonic Anhydrase XII and IX inhibitors</b>	<i>Al Mustansiriyah Journal of Pharmaceutical Sciences, 2024, Vol. 24, No.2</i>	2024
	<i>In-silico molecular docking, ADME study, and molecular dynamic simulation of new azetid-2-one derivatives with antiproliferative activity</i>	<i>Turkish Comp Theo Chem (TC&amp;TC), 8(2), (2024), 39-50</i>	2024
	<i>In Silico Evaluation of Molecular Docking, Molecular Dynamic, and ADME Study of New Nabumetone Schiff Base Derivatives (1,3,4-oxadiazole or 1,3,4-thiadiazole ring) Promising Antiproliferation Action Against Lung Cancer</i>	<i>Turkish Comp Theo Chem (TC&amp;TC), 8(4), (2024), 114-126</i>	2024
	<b>Design, Molecular Docking, Synthesis, and ADME Studies of Novel Amide Derivatives of Diflunisal and Aspirin Compounds as Preferential Selective Cox-2 Inhibitor</b>	<i>Research J. Pharm. and Tech. 17(8): August 2024</i>	2024
	<i>Design, Molecular Docking and Molecular Dynamic Simulation of New Heterocyclic Derivatives as Potential Anticancer Agents</i>	<i>Al-Rafidain J Med Sci. 2024;7(1S):S84-90.</i>	2024
	<i>Synthesis, characterization, preliminary molecular docking, pharmacological activity, and ADME studies of some new pyrazoline derivatives as anti-breast cancer agents</i>	<i>Pharmacia 71: 1–10 DOI 10.3897/pharmacia.71.e133015</i>	2024
	<b>Synthesis, Molecular Docking, Characterization, and Preliminary Evaluation of Some New 1, 3-Diazetid-2-One Derivatives as Anticancer Agents</b>	<i>Al Mustansiriyah Journal of Pharmaceutical Sciences, 2024, Vol. 24, No.1</i>	2024
	<b>Docking study, ADMET Profiling of the Designed 3-chlorobenzo[b]thiophene-2-carbonyl chloride derivatives: Promising Anti-Breast Activity</b>	<i>Research J Pharm. and Tech. 16(2) 2023</i>	2023
	<b>Molecular docking, Synthesis and Characterization of New Indomethacin and Mefenamic Acid Analogues as Potential Anti-inflammatory Agents</b>	<i>Al Mustansiriyah Journal of Pharmaceutical Sciences, 2023, Vol. 23, No.3</i>	2023
	<b>Molecular modeling, synthesis, and antiproliferative evaluation of new isoxazole ring linked by Schiff bases and azo bond</b>	<i>J Adv Pharm Technol Res 2023; 14:213-9.</i>	2023

	<b><i>In silico</i> evaluation of binding interaction and ADME study of new 1,3-diazetid-2-one derivatives with high antiproliferative activity.</b>	J Adv Pharm Technol Res 2023;14:176-84.	2023
	<b>Synthesis, characterization, and antiproliferative evaluation of novel sorafenib analogs for the treatment of hepatocellular carcinoma</b>	Journal of Advanced Pharmaceutical Technology & Research 2023; 14:274-9.	2023
	<b>Molecular Docking Study of New Sorafenib Analogues as Platelet-Derived Growth Factor Receptor Inhibitors for the Treatment of Cancer</b>	Journal of Pharmacy and Bioallied Sciences 2023;15:S1023-6	2023
	<b><i>In silico</i> molecular docking, ADME study and synthesis of new 1,3-diazetid-2-one derivatives with high anti-proliferative activity</b>	F1000Research 2023, 12:1090	2023
	<b>Synthesis, Characterization, ADME Study and Anti-proliferative evaluation against MCF-7 breast cancer cell line of new analog of a 4-aminophenyl quinazolinone derivative</b>	Al Mustansiriyah Journal of Pharmaceutical Sciences, 2023, Vol. 23, No.4	2023
	<b>Molecular Docking, Design, Synthesis, Characterization and Pharmacological Evaluation of New 2-hydrazinyl Oxazole containing moiety as anti-proliferative activity</b>	Bionatura Issue 4 Vol 8 No 1 2023	2023
	<b>Synthesis and Anti-breast Cancer Activity Evaluation of the Designed 3-Chlorobenzo[b]thiophene Derivatives: Promising Estrogen Receptor Alpha Inhibitors</b>	Egypt. J. Chem. Vol. 66, No. 10 pp. 431 - 441 (2023)	2023
	<b>IN SILICO EVALUATION OF BINDING INTERACTION AND ADME PROPERTIES OF NOVEL 5- (THIOPHEN-2-YL)-1,3,4-OXADIAZOLE-2-AMINE DERIVATIVES AS ANTI-PROLIFERATIVE AGENTS</b>	Int J App Pharm, Vol 15, Issue 1, 2023, 141-146	2023
	<b>In silico Design, Synthesis, and Characterization of New Diazolebenzamide Derivatives as Glucokinase Activators</b>	International Journal of Drug Delivery Technology. 2022;12(1):343-354.	2022
	<b>Design, synthesis, characterization, and biological evaluation of new diazole- benzamide derivatives as glucokinase activators with antihyperglycaemic activity.</b>	Egypt. J. Chem. Vol. 65, No. 8, pp. 451 – 469 (2022)	2022
	<b>Synthesis, molecular docking and anti-inflammatory evaluation of new trisubstituted pyrazoline derivatives bearing benzenesulfonamide moiety</b>	NATURAL PRODUCT RESEARCH <a href="https://doi.org/10.1080/14786419.2022.2117174">https://doi.org/10.1080/14786419.2022.2117174</a>	2022
	<b>Design, Molecular Docking, Synthesis and Evaluation of New Isatin Derivatives Bearing Pyridine Moiety as Potential Tyrosine Kinase Inhibitors</b>	Egypt. J. Chem. Vol. 65, No. 2 pp. 9 - 18 (2022)	2022
	<b>Newly synthesized Olaparib Analogues: Clinical Activity Evaluation against the MCF-7 Breast Carcinoma Cell Lines</b>	Egypt. J. Chem. Vol. 65, No. 5 pp. 247 - 261 (2022)	2022

	<b>MOLECULAR DOCKING, SYNTHESIS, CHARACTERIZATION AND ANTIPROLIFERATIVE EVALUATION OF PYRAZOLINE DERIVATIVES</b>	<i>Biochem. Cell. Arch.</i> Vol. 22, No. 1, pp. 2927-2936, 2022	2022
	<b>Design, Molecular Docking Studies, Synthesis and Characterization of some New 4,5-dihydro-1H- Pyrazole-1-yl acetate</b>	<i>Research J. Pharm. and Tech.</i> 15(8): August 2022	2022
	<b>Design, Molecular Docking, Synthesis, Preliminary In Silico ADME Studies, and Anti-inflammatory Evaluation of New Oxazole Derivatives</b>	<i>Journal of Pharmaceutical Negative Results</i>   Volume 13   Special Issue 7   2022 P 217-228	2022
	<b>Molecular Docking study, and In vitro Evaluation of Antitumor Activity of Some New Isoxazoline and Pyrazoline Derivatives of Nelumetone against</b>	<i>Al Mustansiriyah Journal of Pharmaceutical Sciences</i> , 2022, Vol. 22, No.3	2022
	<b>Molecular Docking, ADME Study, Synthesis And Characterization Of New 4-Amino-5-Aryl-4H- 1,2,4-Triazole-3-Thiol Derivatives</b>	<i>Journal of Pharmaceutical Negative Results</i>   Volume 13   Special Issue 7   2022 P 5491-5498	2022
	<b>Pharmacological Evaluation of New 4, 5-dihydro-1H- Pyrazole-1-yl acetate Derivatives as Anti-inflammatory</b>	<i>International Journal of Drug Delivery Technology.</i> 2022;12(4):1733-1741.	2022
	<b>Pharmacological Evaluation of New 4, 5-dihydro-1H- Pyrazole-1-yl acetate Derivatives as anti-cancer agents</b>	<i>Al Mustansiriyah Journal of Pharmaceutical Sciences</i> , 2022, Vol. 22, No.4	2022
	Molecular Docking, Synthesis and ADME Studies of New Pyrazoline Derivatives as Potential Anticancer Agents	<i>Egypt. J. Chem.</i> Vol. 64, No. 8 pp. 4311 - 4322 (2021)	2021
	Role of Caspase-3, IL-1 $\beta$ and oxidative stress in Iraqi women with breast cancer	<i>Journal of Physics: Conference Series</i> 1853 (2021) 012050	2021
	New 2-Methyl Benzimidazole Derivatives bearing 4-Thiazolidinone Heterocyclic Rings: Synthesis, Preliminary Pharmacological Assessment and Docking Studies.	<i>Research J. Pharm. and Tech.</i> 14(3): March 2021	2021
	Molecular Modeling, Drug Design and Binding Evaluation of New Oxazole Derivatives as Cyclooxygenase Inhibitors.	<i>Egypt. J. Chem.</i> Vol. 64, No. 9, pp. 5101 - 5109 (2021)	2021
	A newly synthetic compound of Ibuprofen and Gabapentin as a novel analgesic and anti-inflammatory therapeutic agent: A	<i>Journal of Emergency Medicine, Trauma &amp; Acute Care</i> 2021:24 <a href="http://dx.doi.org/10.5339/iemta">http://dx.doi.org/10.5339/iemta</a>	2021
	Identification and Isolation of Lupeol and $\beta$ -sitosterol from Iraqi <i>Bauhinia variegata</i> and determination the Cytotoxic activity of the hexane extract of its leaves, stems and flowers	<i>Research J. Pharm. and Tech.</i> 14(11): November 2021	2021

	Density Functional Theory and Molecular Modeling Studies of New 4- (Furan-2-yl) Thiazol-2-Amine Derivatives as Cyclooxygenase	Egypt. J. Chem. Vol. 64, No. 9 pp. 4833 - 4841 (2021)	2021
	Theoretical Drug Design, Molecular Docking and ADME Study of New 1,3,4- Oxadiazole Derivatives: Promising Anticancer Agents Against Both Breast and Lung Cancers	<i>Egypt. J. Chem. Vol. 64, No. 11 pp. 6269 - 6283 (2021)</i>	2021
	Synthesis, preliminary pharmacological evaluation, molecular docking, and ADME studies of new 4-thiazolidinone derivatives	<i>Egypt. J. Chem. Vol. 64, No. 12 pp. 7339 - 7350 (2021)</i>	2021
	Synthesis in microwave, pharmacological evaluation, molecular docking and ADME studies of Schiff bases of Diclofenac targeting	J Biochem Tech (2020) 11 (2): 88-101	2020
	Design, Synthesis and Antibacterial Study of New Agents Having 4-Thiazolidinone	Egypt.J.Chem. Vol. 63, No.7. pp. 2591- 2603 (2020)	2020
	The Evaluation of Antiproliferative Effect of Imatinib derivatives Against Breast and Colon Cell-Lines	IJPQA, Volume 11 Issue 1 January 2020 – March 2020	2020
	Design, Synthesis of Imidazole and Study Antibacterial Molecular Docking of New Heterocyclic Derived from Furfural	Indian Journal of Public Health Research & Development, April 2020, Vol. 11, No. 04	2020
	Qualitative, Quantitative and Cytotoxic estimation of Phytochemicals in aerial parts of Iraqi Bauhinia variegata	Al Mustansiriyah Journal of Pharmaceutical Sciences, 2020, Vol. 20, No.4	2020
	Molecular Drug Design, Synthesis and Antibacterial study of Novel 4-Oxothiazolidin-3-yl Derivatives	Al Mustansiriyah Journal of Pharmaceutical Sciences, 2020, Vol. 20, No.2	2020
	Isolation of Astragalins from <i>Cressa cretica</i> cultivated in Iraq	J. Pharm. Sci. & Res. Vol. 11(1), 2019, 185-190 PharmaInfo Publications India	2019
	DETERMINATION, ISOLATION, AND IDENTIFICATION OF AUCUBIN AND VERBASCOSIDE IN THE LEAVES OF IRAQI	Int J Pharm Pharm Sci, Vol 11, Issue 2, 74-80 innovare academic sciences India	2019
	Design, Molecular docking, and Synthesis of New Derivatives of Diclofenac with expected anti-inflammatory and selectivity to COX-2	J. Pharm. Sci. & Res. Vol. 11(2), 2019, 531-539 PharmaInfo Publications India	2019
	Design, synthesis, preliminary pharmacological evaluation, molecular docking and ADME studies of some new pyrazoline, isoxazoline and pyrimidine derivatives bearing nabumetone	J Contemp Med Sci   Vol. 5, No. 1, January–February 2019: 41–50 Nab'a Al-Hayat Foundation for Medical Sciences and Health	2019

	In silico Design, synthesis and characterization of New Spebrutinib Analogues	Pharm Anal Acta, Vol. 10 Iss. 3 No: 612 Belgium Longdom publishing	2019
	Biological Evaluation of Newly synthesized Spebrutinib Analogues: Potential Candidates with Enhanced Activity and Reduced Toxicity	International Journal of Drug Delivery Technology 2019; 9(3); 1-8doi: 10.25258/iiddt.v9i3.3	2019
	Synthesis, anti-inflammatory, molecular docking and ADME studies of new derivatives of ketoprofen as cyclooxygenases inhibitor.	Al Mustansiriyah Journal of Pharmaceutical Sciences, 2019, Vol. 19, No.4	2019
	Cytotoxic Activity of Iraqi Cressa Cretica	Al Mustansiriyah Journal of Pharmaceutical Sciences, 2019, Vol.19, No.1	2019
	Design, Synthesis, and Acute Anti-inflammatory Assessment of New 2-methyl Benzoimidazole Derivatives Having 4-Thiazolidinone Nucleus	Al Mustansiriyah Journal of Pharmaceutical Sciences, 2019, Vol. 19, No.4	2019
	Molecular Docking Studies for Design, Synthesis and Characterization of New Imatinib Analogues	Pharm Anal Acta, Vol. 10 Iss. 4 No: 616	2019
	Synthesis, characterization, and Antibacterial Study of some Imidazole and Molecular Docking of New Heterocyclic from Furan Derivatives	J Biochem Tech (2019) (4): 76-81	2019
	Preliminary Phytochemical and GC-MS analysis of chemical constituents of Iraqi Plantago lanceolata L.	AJPS, 2018, Vol. 18, No.2 Iraq	2018
	ISOLATION, QUANTIFICATION, AND IDENTIFICATION OF ROSMARINIC ACID, GAS CHROMATOGRAPHY-MASS SPECTROMETRY ANALYSIS OF ESSENTIAL OIL, CYTOTOXIC EFFECT, AND ANTIMICROBIAL	Asian J Pharm Clin Res, Vol 11, Issue 6, 2018, 126-132	2018
	Synthesis, Characterization and Anti-Inflammatory Activity Assessment of New Ibuprofen Analogues Containing Imidazole-4-One Derivatives	Journal of Global Pharma Technology  2018; Vol. 10: Issue 03:134-141	2018
	Synthesize of New Ibuprofen and Naproxen Sulphonamide Conjugate with Anti-Inflammatory Study and Molecular Docking Study	International Journal of Pharmaceutical Quality Assurance 2018; 9(2); 102-108	2018
	DESIGN, SYNTHESIS AND PRELIMINARY PHARMACOLOGICAL EVALUATION OF NEW METFORMIN DERIVATIVES	International Journal of Pharmacy and Pharmaceutical Sciences Vol 9, Issue 1, 2017	2017
	Synthesis, Characterization and Antibacterial Study of New Sulfa Drug Derivatives Containing 4-Thiazoliodinones	Al-Mustansiriyah Journal of Pharmaceutical Sciences AJPS, 2017, Vol. 17, No.1	2017

	SYNTHESIS AND PRELIMINARY PHARMACOLOGICAL EVALUATION OF NEW NAPROXEN ANALOGUES HAVING 1, 2, 4-TRIAZOLE-3-THIOL	International Journal of Pharmacy and Pharmaceutical Sciences Vol 9, Issue 7, 2017	2017
	Phytochemical and anti bacterial studies of leaves of Rosmarinus officinalis cultivated in Karbala, Iraq.	Al-Mustansiriyah Journal of Pharmaceutical Sciences AJPS, 2017, Vol. 17, No.2	2017
	Design, synthesis, and acute anti-inflammatory assessment of new ketoprofen analogs having 4-thiazolidinone nucleus	Int. j. Res. Pharm. Sci. , 8(4), 576-584	2017
	Synthesis, characterization and antibacterial evaluation of novel 2-mercaptobenzothiazole derivatives bearing 2-aminonicotinonitrile moiety	European Journal of Chemistry 7(1) (2016) 8-13	2016
	Synthesis, Characterization and Antimicrobial Study of New Nalidixic Acid Mannich Base Derivatives	Der Pharma Chemica, 2016, 8(19):424-432	2016
	Design, Synthesis and Pharmacological Evaluation of Sulfanilamide-Ciprofloxacin Conjugates Utilizing Hybridization Approach as New Antibacterial Agents	Journal of Natural Sciences Research Vol.5, No.4, p 106-117 2015	2015
	Design, Synthesis and Acute Anti-Inflammatory Evaluation of New Non-Steroidal Anti-Inflammatory Agents Having 4-Thiazolidinone Pharmacophore	Journal of Natural Sciences Research Vol.5, No.6, p 21-28 2015	2015
	Synthesis, Characterization and Antimicrobial Activity of Some Novel 1,4-dihydropyrano[2,3-c]pyrazole-5-carbonitrile Derivatives	Journal of Advances in Chemistry Vol 11, No 6, pp 3635-3641	2015
	Synthesis and Characterization of New Ligands attached to NSAIDs Moiety	International Journal of Advanced Research (2015), Volume 3, Issue 6, 172-192	2015
	Synthesis and characterization of some new 2-azetidinone derivatives	Al-Mustansiriyah journal of pharmaceutical sciences 2015(AJPS), 2015, Vol. 15, No.2	2015
	22 SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL ACTIVITY OF NEW SERIES OF SULFAMETHOXAZOLE DERIVATIVES	WORLD JOURNAL OF PHARMACY AND PHARMACEUTICAL SCIENCES	2015
	23 Synthesis, characterization and preliminary pharmacological evaluation of new non-steroidal anti-inflammatory pyrazoline derivatives	European Journal of Chemistry 6 (4) (2015) 461-467	2015

	Ofloxacin-Polymer Conjugates Synthesis, Characterization and Evaluation Preliminary Antibacteria	Asian Academic Research Journal of Multidisciplinary Vol. 1, issue 20, p 333-344	2014
	Design, Synthesis and Preliminary Pharmacological Evaluation of Mutual Prodrug of Non-Steroidal Anti-Inflammatory Drugs Coupling With Natural Anti-Oxidants Via Glycolic Acid	AJPS, 2013, Vol. 13, No.1	2013
	Synthesis & Chemical Hydrolysis Study of some NSAIDs Linked to Natural Antioxidant via Alanine	Journal of Advances in Chemistry Vol 4, No 1, 368	2013
	Synthesis of 2,3-Dihydro-1,4-naphthaquinone Derivatives for Targeting the Altered Cancer Cells Metabolism	Journal of Advances in Chemistry Vol. 4, No. 2, 472	2013
	Design, Synthesis and hydrolytic study of mutual prodrugs of NSAIDs with different antioxidants via glycolic acid	Pharmacie Globale (IJCP) 2012, 1 (03)	2012
	Design, Synthesis and Preliminary Pharmacological Evaluation of New Non-Steroidal Anti-Inflammatory Agents Having a 4-(Methoxyphenyl) Acetyl Derivative	Molecules 2012, 17, 1751-1763	2012
	Design and Synthesis of possible mutual prodrugs by coupling of NSAIDs with sulfa drugs using glycolic acid as spacer	Pharmacie Globale (IJCP) 2012, 2 (03)	2012
	Design, Synthesis and Hydrolytic Behavior of Mutual Prodrugs of NSAIDs with Gabapentin Using Glycol Spacers	Pharmaceuticals 2012, 5, 1080-1091	2012
	Synthesis and Preliminary Pharmacological Evaluation of new Analogues of Diclofenac as Potential Anti-inflammatory Agents	Iraqi.J.Pharm.Sci. vol.20 (1), 25	2011
	Synthesis and Preliminary Pharmacological Study of Sulfonamide Conjugates with Ibuprofen and indomethacin as New Anti-Inflammatory Agents	Iraqi.J.Pharm.Sci. vol.18 (2) p 39,	2009.
	Synthesis of New 5-Fluorouracil Derivatives as possible Prodrug for Targeting Cancer Cells.	Al-mustansiriyah J.sci. vol.20(5),	2009.
	Synthesis and Preliminary Pharmacological Evaluation of aminobenzensulfonamides derivatives of diflunisal as a potential Anti-inflammatory agents.	Iraq.j.phar. vol. 7&8,(1) 42,	2008.

	Synthesis and Preliminary Pharmacological Evaluation of aminobenzensulfonamides derivatives of Mefenamic acid as a potential Anti-inflammatory agents.	Iraqi.J.Pharm.Sci. vol.17 (1) p 7,	2008.
	Synthesis of new conjugation of indomethacine as possible prodrug .	Al-mustansiriyah J.sci. vol.19(6)p 11,	2008
	Synthesis of Water soluble Derivatives of Metronidazole as Possible Prodrugs. .	Al-mustansiriyah J.sci. vol.19(6)p 24,	2008
	Synthesis of new analgesic peptide analogues	Raf. Jour.sci. vol (II),4,12-25,.	2000