Prof. Dr. SHAZA ANWAR AL-LAHAM

Personal Data:

Nationality: Syrian
Language: Arabic, English
Date of Birth: 1964
Marital Status: Single
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Web Of Science: Shaza Anwar Al-Laham
Google Scholar: Dr.Shaza Anwar Al laham
ResearchGate: Shaza Anwar Al laham
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Certificates:

Faculty of pharmacy-Damascus University

1981-1986 BSc in pharmacy
1990-1991 Diploma in Pharmacology
1992 – 1995 Master's Degree in pharmacology (Excellent Degree)
2000 – 2003 Ph.D. in Pharmacology (Honor Degree)
2016 The Syrian Board in the field of pharmacology from the Syrian Commission for Medical Specialties

Academic Information

Academic Qualification: Ph.D.
Major: Pharmacy
Specialization: Pharmacology
University: Damascus University
Country: Syria
Graduation Year: 2004
Academic Rank: Professor

Teaching Experiences:

- **Damascus University- Faculty of Pharmacy:**

1988-1992 Pharmacology lab. for undergraduate students
2008-Now pharmacology lab. for undergraduate + postgraduate students
2009- 2014 Pharmacology (1) for second years
2010- 2016 Pharmacology (2) for third years
2010-Now Pharmacology (3) for fourth years
2018-Now Clinical Pharmacology for fifth years
2010-Now Advanced pharmacology for higher education students
2016-2022 Immunopharmacology for higher education students

- **Damascus University- Faculty of Health Sciences:**

2022- 2025 Psychiatric pharmacology
2022- 2025 pharmacology associated with audiology

- **Syrian Private University, Medicine Faculty:**

2010-2019 Pharmacology (1) for 3rd years
2010-2019 Pharmacology (2) for 3rd years

- **Syrian Private University, Pharmacy Faculty:**

2010-2019 Pharmacology (1) for 3rd years
2020-Now Pharmacology (2) for 3rd years
2010-Now Molecular Pharmacology for 4th years

- **AL sham Private University, Pharmacy Faculty:**

2018-2020 Pharmacology (1) for 3rd years
2019-2022 Pharmacology (2) for 3rd years
2020-2022 Clinical Pharmacotherapeutics for 4th years

- **International University for Science and Technology, Pharmacy Faculty:**

2022-2023 Pharmacology (3) for 4th years

- **Ittihad Private University, Pharmacy Faculty:**

2023-2024 Pharmacology (2) for 3rd years
2023-2024 Molecular Pharmacology for 4th years

- **Aljazeera Private University, Pharmacy Faculty:**

2025-2026 Molecular Pharmacology for 4th years

Professional Experience:

2010-2018: Member of Damascus pharmacy association
2010-2013: Vice president of the Arab Pharmacists Union
2004-2006: Manager of scientific office Julphar (pharmaceutical industry) scientific office
1995-2002: Manager of scientific office Barakat (pharmaceutical industry) scientific office
1987-2008: Pharmacist (Avicenna pharmacy)

Academic and Administrative positions

Oct.2021-2025 Department Head of Pharmacology & Toxicology – Faculty of Pharmacy- Damascus University-Syria.
Oct.2025 Department Head of Pharmacology & Toxicology – Faculty of Pharmacy- Syrian Private University-Syria.

Member of Editorial Board Journal:

2014-2018 Asian Journal of Pharmaceutical Research and Health Care (AJPRHC)
2016- ARC journal of pharmaceutical Sciences
2018-2020 journal of pharmacy and nutrition sciences
2018-2020 International Journal of Pharmacy and Chemistry

Journal Reviewer:

2016- Journal of Advances in Biotechnology
2016 - Journal of Bioscience and Biotechnology Discovery and Integrity Research Journals.
2020- Heliyon

Academic member:
2016- ATINER **(**Athens Institute for Education and Research)
Arbitration committee:
Master's degree in Pharmacy college
Master's degree in dentistry college
Doctor's degree in dentistry college

Scientific Meetings and Conferences:
Nov.1995: Union of Arab Pharmacists - SYRIA (Paper: The effect of the Syrian Nerium Oleander).
May 2010: Union of Arab Pharmacists - SYRIA
(Paper: Study the efficacy of Haloperidol, Pantoprazole, and their combination for the prevention of stress-induced gastric ulcer).
Nov.2021: AL sham Private University-SYRIA
Aug.2024: damaspharmacy-SYRIA

Post-graduate Training:
Jul. 1990: Training course for a month in HUNGARY.
Jul. 1991: Training course for a month in EGYPT.

International Award:
2020: RULA Awards; the best researcher 2020: **INNOVATIVE RESEARCHER in Pharmacology.**

Supervise of Completed master's thesis
1. Samar Murjan.2013. Study the effect of Folic acid as well as its combination with Omeprazole in the prevention of gastric ulcer experimentally induced by Indomethacin in rats
2. Shadan Muslim Aljanabi.2013. Investigation of oxytocin protective effect on myelotoxicity caused by 5-fluorouracil treatment in rats
3. Valantina Al Bitar.2014. Studying the protective effect of methylsulfonylmethane and green tea extract on an experimental model of ulcerative colitis in rats.
4. Fatima Darweesh.2016. Evaluation the effect of Olmesartan in the treatment of experimentally induced ulcerative colitis in rats.
5. Rama Mousleh.2017. Evaluation of pioglitazone's preventive effect on nephropathy aggravated by the use of Iohexol contrast media in rats.
6. Safaa William Mdawar.2017. Evaluation of Protective and Therapeutic Effect of Methyl Sulfonyl Methane on Peptic Ulcer Induced by Alendronate
7. Yara Annouf.2020. Evaluation of the effect of Amlodipine alone and combined with N-acetylcysteine for the treatment of Crhon's disease model in rats.
8. Wissam Dahi.2021. Evaluation the effect of vitamin E and Ranitidine in stress- induced ulcer in rats
9. Rahaf Judai.2022. Investigation and Comparison of The Effects of Some Drugs on The Cisplatin-Induced Nephrotoxicity in Rats
10. Abdulazim Hami.2022. Studying the effect of Terpinen-4-ol on cutaneous leishmaniasis
11. Suhir al Basit.2022. Evaluation of Selenium Protective Effect on Sodium Diclofenac-induced Nephrotoxicity in rats
12. Jouli Rafol.2020. Evaluation of the effects of Lisinopril in attenuating iron overload-

induced Hepatotoxicity in rats

13. Hanin hesino. 2018. Evaluation the efficacy of hesperidin in prevention and treatment rhabdomyolysis-induced acute kidney injury
14. Ebaa Yousef.2018. Investigation the Efficacy of Apocynin in the Prevention and treatment of Vancomycin-Induced Nephrotoxicity in Rats
15. Ruba Srouji. 2020. The protective effect of some Fat-soluble Vitamins on Vancomycin-induced Nephrotoxicity in Rats
16. Byan Almalah.2020. Evaluation of cardamom extract therapeutic effect on nephropathy induced by Aspirin in rats
17. Albraa Raed. 2022.Investigating the Effectiveness of Metformin in the Treatment of Vancomycin-Induced Nephrotoxicity in Rats
18. May Saleh.2025. Evaluation of the Gastro Protective Effect of Alogliptin on Indomethacin-Induced Gastric Ulcer in Exprimental Rats

Supervise of Master Degree in pharmacology in Pharmacy College:

1. Wedyan Hoshan. The Impact of Rosuvastatin and Simvastatin on Leishmania Tropica and *in vitro* Infection of Host Macrophages.
2. Miray Mousa. 2025. Evaluation of protective Effects of Fluoxetine on Gentamicin-Induced Nephrotoxicity in experimental mice.
3. Rawan Mehana. Evaluation of the Protective Effect of Fluoxetine Alone and in Combination with Vitamin E on Vancomycin-Induced Kidney Injury in Mice.
4. Mouhamad Balalish.2026. Evaluation of the therapeutic efficacy of Finerenone on liver fibrosis in rats

Supervise of Ph.D. Degree in pharmacology in Pharmacy College:

1. Wissam Dahi.2023. The effect of Teriflunomide alone or in combination with Vitamin D3 in MCF-7 cell line and in induced breast cancer in BALB/c female mice.
2. Sara khlof.2024.Investigation of the therapeutic effect of Nifuroxazide on a Rheumatoid Arthritis-animal model.
3. Rama Mousleh.2026. Investigation of The Preventive and Therapeutic Effect of Vortioxetine in Experimentally Induced Acute Kidney Injury.
4. Ruba Srouji.2026. The effect of metformin and caffeine combination on modulating Alzheimer's disease and inhibiting the synthesis of amyloid-beta (Aβ) plaques in rat brains via targeting the *NF-KB/P65/BACE1 signaling* pathway.

Assistant Superviser of Master Degree in several Colleges:

1. Osama Alsamam.Evaluations of the effect of Zoledronic acid injection on dental and buccal alveolar bone changes following rapid maxillary expansion by using Cone Beam Computed Tomography (CBCT) Randomised Controlled clinical Trial(RCT).

Assistant Superviser of Ph.D in several Colleges:

1. Maher Al-assaf. Studying the Effect of Turmeric on Oral Squamous Cell Carcinoma induced in Hamster, and compared with the Effect of Vitamin D3. 2024.
2. Baraa Alalowe.The Evaluation of AT 121 in Pine Relief Compared with Morphine on Wister Rats.
3. Hala alsaman.Manipulating Surface Free Energy of Inhaled Particles, and Evaluating its Effect on Aerodynamic Distribution, and Bioavailability via Phagocytosis
4. Haya Barakat. Development of Long-acting Pulmonary Delivery Systems Loaded with (Fluorescein or Azithromycin) and Evaluation *in-vitro* and *in-vivo.*

PUBLICATIONS:

- **Book :**

1. Vade-mecum of National Drugs (VND).2009
2. Chapter: The Antimicrobial Activity of Some Medicinal Plants Against Multidrug Resistance Bacteria Which Causes Mastitis. 2015
3. Pharmacology (3).2017

- **Articles :**

1- Pancreas.
Syrian Pharmaceutical Journal.1996, No.20

2- The march of the struggle to ensure the health of citizens.
Syrian Pharmaceutical journal.1997.No.21.

3- Antioxidant Vitamins, and their roles in preventing disease.
Syrian Pharmaceutical Journal.1997, No.22

4- Diabetes Mellitus.
Syrian Pharmaceutical Journal .1998, No.23.

5- Spotlight on Applied Research Vitamins.
Syrian Pharmaceutical journal.2002.No.27.

6- Property rights and the provisions governing them.
Syrian Pharmaceutical journal.2002.No.28.

7- Apomorphine Hydrochloride.
Syrian Pharmaceutical journal.2003.No.29.

8- Building better bone: what's new?
Drug information journal.2011.No.3.

- **Researches:**

1. **Al Laham Sh**, Al Laham A, and Othman F. Introduction to the pharmacological effects of the Syrian Nerium Oleander. Syrian Pharmaceutical Journal.1995, No.19
2. **Al Laham Sh**, Amrin A, and Othman F.A Study of the anti-ulcer effect for Amitriptyline, Pantoprazole and their combination, in relation with gastric mucosa and central neurotransmitters in rats. Damascus University Journal for the Medical Sciences, 2004.20(1). 249-278.
3. **Al Laham Sh**, Amrin A, and Othman F.A Study of the anti-ulcer effect for Bromazepam, Pantoprazole and their combination, with the role of the central neurotransmitters and gastric mucosa in rats. Damascus University Journal for the Medical Sciences, 2004.
4. **Al Laham Sh**, Amrin A, and Othman F. Study the efficacy of Haloperidol, Pantoprazole and their combination for the prevention of stress-induced gastric ulcer. Damascus University Journal for the Medical Sciences, 2004.
5. AL Fadel F and **AL Laham Sh**. Study of the anti-bacterial effectiveness of many plants on *Pseudomonas Aeruginosa* which reveal resistance toward many antibiotics. Damascus University Journal for the Medical Sciences.2013;29(1). 247-259.
6. **AL Laham Sh**, and AL Fadel F. The anti-bacterial effect of *Punica granatum* extracts against antibiotics-resistant *Pasteurella Haemolytica.* Jundishapur Journal.of.Microbiology.2013;6(9). https://sites.kowsarpub.com/jjm/articles/56335.html. DOI: 10.5812/jjm.7750

7. **AL Laham Sh**, and AL Fadel F. Antibacterial effectiveness of many plants extracts against the resistant *Negative Coagulase Staphylococcus* that cause clinical mastitis in cows. International journal of pharmaceutical and clinical research (IJPCR). 2013;5(2). 72-78.
8. **AL Laham Sh**, and AL Fadel F. The bacteria causing clinical mastitis in cows and their sensibilities to antibiotics. ALBaath University Journal for the Medical Sciences. 2013;35(3).
9. AL Fadel F and **AL Laham Sh**. Antibacterial efficacy of variety plants against the resistant *Streptococcus* which cause clinical mastitis in cows. Asian Journal of Pharmaceutical Research and Health Care (AJPRHC).2013;5(1)32-41.
10. Samar Morjan, **Shaza Al Laham**, Rana Atieh. Gastroprotective Efficacy of Folic acid and Omeprazole in Indomethacin-induced gastropathy in rats. International Journal of Pharmacognsoy and Phytochemical Research (IJPPR). 2013;5(2):113-119.
11. Shadan Muslim Aljanabi, **Shaza Al-Laham**, and Adnan M. Ekhtiar. Radiprotective Effect of Oxytocin Pretreatment in Rats. Asian Journal of Pharmaceutical and Clinical Research .2013; 6(1). 82-86.
12. Shadan Muslim Aljanabi, **Shaza Al-Laham**, and Adnan M. Ekhtiar. Accelerated Recovery of 5-Fluorouracil-Damaged Bone Marrow After Oxytocin Treatment. Research J. Pharm. and Tech. 2013.6(6):685-687.
13. Valantina Al Bitar, **Shaza Laham**. Methylsulfonylmethane and green tea extract reduced oxidative stress and inflammation in an ulcerative colitis. Asian Journal of Pharmaceutical and Clinical Research.2013. 6(2):153-158
14. AL Fadel F, **AL Laham Sh**, and Al Laham A. Study of the antibacterial effect of the pericarps of many varieties of *Punica granatum* on *E.coli* biotype (1) which reveal resistance toward many antibiotics. Damascus University Journal for the Medical Sciences, 2014;30(2).
15. **AL Laham Sh** and AL Fadel F. Antibacterial activity of various plants extracts against antibiotic-resistant *Aeromonas hydrophila.* Jundishapur Journal of Microbiology. 2014; 7(7). DOI: 10.5812/jjm.11370
16. AL Fadel F, **AL Laham Sh**, and Racha Alkhatib. The Anti-Bacterial activity of various parts of *Punica Granatum* on Antibiotics Resistance *Escherichia coli.* International Journal of Pharmacognosy and Phytochemical Research. 2014; 6(1); 79-85.
17. Samar Morjan, **Shaza Al Laham**, Rana Atieh. Study the anti-gastric ulcer effect of Folic acid and its combination with Omeprazole in rats. Damascus University Journal for the Medical Sciences.2014.
18. **AL Laham Sh** and AL Fadel F. Screening the Antimicrobial Activity of Some Medicinal Plants Against Multidrug Resistance *Escherichia Coli Type (1)***.** Asian Journal of Pharmaceutical Research and Health Care (AJPRHC).2014;6(1):11-18.
19. Fardoos Al Fadel, **Shaza Al Laham**, Hassana Chour. Assessment Of Antimicrobial Activity Of *Punica Granatum* Against Antibioticresistant *Clostridium Perfringens* Type (D). Asian J Pharmaceut Res Health Care.2015;7(1):6-13.
20. Darwish Fatima, **Al laham Shaza**. Therapeutic Effect of Olmesartan Medoxomile Alone and in Combination with Sulfasalazine in Experimentally Ulcerative Colitis Model in Rats. International Journal of Toxicological and Pharmacological Research. 2016;8(2): 97-106.
21. Darwish Fatima, **Al laham Shaza**. Evaluation of the Antioxidant Activity of Olmesartan Medoxomile Against Acetic Acid-Induced Ulcerative Colitis in Rats. Damascus University Journal for the Medical Sciences. 2016.
22. Darwish Fatima, **Al laham Shaza**, Ahmad Al-Manadili. Ameliorative effect of Olmesartan Medoxomil on acetic acid-induced colitis in rats. International Journal of Pharmaceutical and Clinical Research. 2016; 8(6): 604-609.
23. Rama Mousleh, **Shaza Al Laham**. Investigating the preventive effect of pioglitazone on

Iohexol- induced nephropathy in rats injected by glycerol. Arab Journal of Pharmaceutical Sciences.2017.6(5).84-94.

24. Mousleh Rama, **Al Laham Shaza**. Evaluation of Pioglitazone Preventive Effect, Compared to Vitamin E, in Glycerol Contrast-Induced Nephropathy in Rats. International Journal of Toxicological and Pharmacological Research. 2016; 8(3); 107-113
25. **Al laham Shaza**, Mansour Ghaytha. Beneficial Effects of MSM Treatment on the Development of Experimental Colitis Induced by Acetic Acid. International Journal of Toxicological and Pharmacological Research 2016; 8(4); 269-274.
26. Mousleh Rama, **Al Laham Shaza**. Histological Assessment of Pioglitazone Preventive Effect in Glycerol Contrast-Induced Nephropathy in Rats. Journal of Pharmacy and Nutrition Sciences, 2017;7(2); 64-72. doi.org/10.6000/1927-5951.2017.07.02.5
27. Mousleh Rama, **Al Laham Shaza**. Evaluation of Pioglitazone Preventive Effect on Glycerol-Induced Acute Renal Failure in Rats. Damascus University Journal for the Medical Sciences, 2017.
28. Safaa Mdawar**, Al Laham Shaza,** Ahmad Al-Manadili. Evaluation of Protective Effect of Methyl Sulfonyl Methane on colon Ulcer Induced by Alendronate. Journal of Pharmacy and Nutrition Sciences,2017;7(2);130-135.
29. Safaa Mdawar**. Al Laham Shaza** Ahmad Al-Manadili. Evaluation of Therapeutic Effect of Methyl Sulfonyl Methane on Peptic Ulcer Induced by Alendronate. Arab Journal of Pharmaceutical Sciences.2018.5(8).41-50.
30. Mousleh Rama, **Al Laham Shaza,** Ahmad Al-Manadili. The Preventive Role of Pioglitazone in Glycerol-Induced Acute Kidney Injury in Rats during Two Different Treatment Periods. Iranian Journal of Medical Sciences.2018;43(2): 184–194.
31. **Shaza Anwar Al Laham**. Anti-Inflammatory and Anti-Oxidant Effects of PDE-5 Inhibitor on Experimental Colitis in Rats. Elixir International Journal Pharmacy. 2018;116.49976-49981.
32. **Shaza Anwar Al Laham**. Ketotifen effect, a histamine H1 antagonist and mast cell growth inhibitor, on experimental colitis in rats. Acta velit.2018;4(2).47-57.
33. **Shaza Anwar Al Laham**. Ketotifen Effect, a Histamine H_1 Antagonist and Mast Cell Growth Inhibitor, on Glycerol-Induced Acute renal failure in Rats. Asian Journal of Pharmaceutics.2018;12(2).
34. **Shaza Anwar Al Laham**. The curative effects of Methylsulfonylmethane against glycerol-induced acute renal failure in rats. Brazilian Journal of Pharmaceutical Sciences. 2018;54(1). DOI:org/10.1590/s2175-97902018000117442.
35. **Shaza Anwar Al Laham**. Methylsulfonylmethane (MSM) As A New Target for The Treatment of Glycerol-Induced Nephropathy. Journal of Pharmacy and Nutrition Sciences. 2018; 8, 137-143.
36. Safaa William Mdawar, **Shaza Anwar Al Laham,** Ahmad Izzat Al-Manadili. The Protective Effect of Methyl Sulfonyl Methane on Peptic Ulcer Induced by Alendronate. Elixir International Journal Pharmacy. 2019;128.52786-52790.
37. Safaa William Mdawar, **Shaza Anwar Al Laham**, Ahmad Izzat Al-Manadili. Colon Ulcer Induced by Alendronate and Cure it with Methyl Sulfonyl Methane. World Journal of Pharmaceutical Research. 2019;8(4).204-215.
38. **Shaza Anwar Al Laham**. Histopathological Changes of the Effect of Ketotifen in a Rat Model of Nephropathy. Journal of Pharmacy and Nutrition Sciences. 2019. 9(2). 130-135. DOI: https://doi.org/120.29169/1927-5951.2019.09.02.13.
39. **Shaza Anwar Al Laham**. The Curative Effect Of Methylsulfonylmethane On An Experimental Model Of Ulcerative Colitis In Rats. International Journal of Current

Pharmaceutical Research. 2019. 11(3).51-54.
DOI: http://dx.doi.org/10.22159/ijcpr.2019v11i3.34101

40. **Shaza Anwar Al Laham**. Acute Renal Failure Due to Rhabdomyolysis Treated with Olmesartan. International Research Journal of Pharmacy. 2019. 10(5).49-55. DOI: 10.7897/2230-8407.1005161
41. Valantina Al Bitar, **Shaza Al Laham,** Rana Attie. The protective effect of methylsulfonylmethane on an experimental model of ulcerative colitis in rats. The Pharmaceutical and Chemical Journal. 2019, 6(3):83-92.
42. Ibrahim Ayman Abdullah, **Shaza Anwar Al Laham**. Acute Kidney Injury (Aki) New Therapies. World Journal of Pharmaceutical Research. 2020,9(11):66-81.
43. Yara Annouf, **Shaza Al-Laham, Eyad Al-Shatti**. Efficiency evaluation of Amlodipine in the treatment of colonic injury induced by Nonsteroidal anti-inflammatory drugs in rats. AL Baath University Journal. 2020,45(11):51-82.
44. Yara Annouf, **Shaza Al-Laham, Eyad Al-Shatti**. Effect Of Amlodipine on Enteropathy Induced by Indomethacin In Rats. International Journal of Current Pharmaceutical Research.2020,12(3):144-150.
45. Yara Annouf, **Shaza Al-Laham**, **Eyad Al-Shatti**. Effect of Amlodipine Combined with N-acetylcysteine on Crohn's Disease Model in Rats. International Journal of Pharmaceutical Sciences and Medicine (IJPSM) .2020,5(11):1-12.
46. Yara Annouf, **Shaza Al-Laham**, **Eyad Al-Shatti**. Effect of N-acetylcysteine on Nonsteroidal anti-inflammatory drugs induced colitis in rats. International Journal of Pharmacognosy and Pharmaceutical Sciences. 2020.2(1):11-16.
47. Yara Annouf, **Shaza Al-Laham**, **Eyad Al-Shatti**. Effect of N-acetylcysteine on an Experimental Model of Indomethacin Induced Inflammatory Bowel Disease. International Journal of Pharmacognosy and Pharmaceutical Sciences. 2020.2 (1):17-23.
48. Wissam Nazih Dahi, **Al laham Shaza Anwar**, Ahmad Al-Manadili. Evaluation of vitamin E efficiency in the treatment of stress - induced gastric ulcer in rats. AL Baath University journal.2021.
49. Wissam Nazih Dahi, **Al laham Shaza Anwar**, Ahmad Al-Manadili. Therapeutic effects evaluation of vitamin E alone and in combination with ranitidine in stress–induced gastric ulcers in rats. Bulletin of Pharmaceutical Sciences. Assiut.2021. Volume 44, Issue 2, December 2021, Pages 611-621
DOI: 10.21608/bfsa.2021.86524.1128.
50. Rahaf Riad Judai, **Shaza Anwar Laham**. The Effect of Valsartan on Cisplatin Nephrotoxicity. Damascus University Journal for the Medical Sciences.2022.
51. Abdulazim Hami, **Shaza Al laham**. A Study of the inhibitory effect of Terpinen-4-ol on amastigote forms of *Leishmania tropica* within Macrophages of mouse *in vitro.* Iraqi Journal of Pharmaceutical Sciences .2022.31(2). p233-236.
https://doi.org/10.31351/vol31iss2pp233-236
52. Wissam Nazih Dahi, **Al laham Shaza Anwar**, Ahmad Al-Manadili. Therapeutic Effects of Vitamin E in Gastric Stress Ulcers and Obesity in Rats. International Journal of Pharmaceutical Sciences and Medicine.2022.7(2).7-14.
DOI: 10.47760/ijpsm.2022.v07i02.002
53. Julie raffoul, **Shaza Anwar Laham**,Sahar Chmaa. Lisinopril Protects The Liver Against Functional Disorders And Histological Damages Induced By Ferrous Sulfate In Rats. International Journal of Pharmaceutical Sciences and Research.2022.13(10).1000-10.
54. Yara Annouf, **Shaza Al-Laham**, **Eyad Al-Shatti**. Efficiency evaluation of Amlodipine combined with N-acetylcysteine on Indomethacin Induced gastritis in rats. Research results in Pharmacology. 2022.8(3)63-69. Doi:10.3897/rrpharmacology.8.81003.
55. Rouba Yasser Al-Sroji, **Shaza Al-Lahham**. The protective effect of Vitamin A on

Vancomycin-induced Nephrotoxicity in Rats. Damascus University Journal for the Medical Sciences.2022.

56. Julie raffoul**, Shaza Anwar Laham,** Sahar Chmaa. Evaluation of ACEIs "Lisinopril" Effect on Body Iron Storage in Rats**.** Damascus University Journal for the Medical Sciences.2023.39(1).

57. Bayan Al-Mallah, **Shaza Al-Lahham**, Rasha Al-Khattib. Evaluation of the therapeutic effect of cardamom extract on nephropathy induced by Aspirin in rats model. Damascus University Journal for the Medical Sciences.2023 .

58. Rouba Yasser Al-Sroji, **Shaza Al-Lahham,** Ahmad Al-Manadili. Protective effects of vitamin D3 (cholecalciferol) on vancomycin-induced oxidative nephrotoxic damage in Rats. Pharamceutical Biology(IPHB).2023.61(1).755-766. https:/doi.org/10.1080/13880209.2023.2204916 .

59. Suhir al Basit, **Shaza Al-Lahham**, Ahmad Al-Manadili. Histological Assessment of Selenium Protective Effect Against Diclofenac Sodium-Induced Nephrotoxicity in Rats. Journal of Pharmacy and Nutrition Sciences.2023.13.1-12.

60. Haneen Hseno, **Shaza Al Laham**. Evaluation of Hesperidin Protective Effect on Glycerol-Induced Acute Kidney Injury. Damascus University Journal for the Medical Sciences.2023 .

61. Maher Assaf, Sharef Barakat, **Shaza Al Laham.** Investigation of Vascular Endothelial Growth Factor Expression During the Induction Stages of Oral Squamous Cell Carcinoma (the Buccal Pouch of the Syrian Golden Hamster as an Experimental Model). Damascus University Journal for the Medical Sciences.2023 .

62. Maher Assaf, Sharef Barakat, **Shaza Al Laham.** Evaluating the Chemopreventive Effect of Curcumin against induced oral cancer in Syrian Hamster (experimental study). Damascus University Journal for the Medical Sciences.2023 .

63. Maher Assaf, Sharef Barakat, **Shaza Al Laham.** Study of the efficacy of vitamin D3 (1α,25(OH)2D3) against induced oral cancer (experimental study in Syrian Golden Hamster). Damascus University Journal for the Medical Sciences.2023 .

64. Ebaa Hasan Yousef, **Shaza Al Laham**, Ahmad Al-mandili. Exploring the Protective Role of Apocynin in Vancomycin- Induced Nephrotoxicity in Rats. Damascus University Journal for the Medical Sciences.2023 .

65. Osama Samir Al-Samsama; Nada Azzam Rajeh; **Shaza Anwar Al-Laham**. Evaluation of the effects of Zoledronic acid injection on angulation of Supporting teeth following rapid maxillary expansion using Cone Beam Computed Tomography: A Randomised Controlled Clinical Trial (RCT). Damascus University Journal for the Medical Sciences.2024.

66. Maher Assaf, Nabil Kochaji, **Shaza Al Laham,** Issa Al-Assaf, Caroline Mousallam**,** Sharef Barakat. Chemopreventive Effects of Curcumin Against 7,12-1 Dimethylbenz[a]anthracene-Induced Hamster Buccal Pouch 2 Carcinogenesis. Dentistry 3000.2024.12(1). https://doi.org/10.5195/d3000.2024.559

67. Albraa Mohamd Raad, Shaza Anwar Al-laham, Lina M Akram Haffar. Investigation of the Effectiveness of Metformin in the Treatment of Vancomycin-Induced Nephrotoxicity in Rats. Damascus University Journal for the Medical Sciences.2024.

68. Bayan Al-Mallah, **Shaza Al-Lahham**, Rasha Al-Khatti, Ahmad Al-Manadili. Evaluation of the Therapeutic Effect of Cardamom Extract on Nephropathy Induced by Aspirin in Rats Model.Jordan Journal of Pharmaceuticals Sciences.2025.18(1) https://doi.org/10.35516/jjps.v18i1.2668

69. Wissam Nazih Dahi, Majd Mhd Nassouh Aljamaly, **Shaza Anwar Al laham**. Anatomical and histopathological comparative study of two models of DMBA - induced breast cancer in Balb/c mice Therapeutic Effects of Vitamin E in Gastric Stress Ulcers and Obesity in Rats. Damascus University Journal for the Medical Sciences.2025.

70. Wissam Nazih Dahi, Majd Mhd Nassouh Aljamaly, **Shaza Anwar Al laham**. Effect of Vitamin D3 and Tamoxifen Combination in MCF-7 Breast Cancer Cell Line. Arabic Journal for Pharmaceutical science.2025.

71. Safaa William Mdawar,Yara Annouf, **Shaza Al Laham**, Ahmad Al-Manadili. Study of the Therapeutic Effect of Methylsulfonylmethane in Esophagitis Induced by Alendronate in Rats. Journal of Clinical Pharmacy and Pharmaceutical Analysis. 2026.Vol. 1, Issue 1. pp: (24-31).

72. Safaa William Mdawar,Yara Annouf, **Shaza Al Laham**, Ahmad Al-Manadili. Evaluation of the Protective Effect of Methylsulfonylmethane in Esophagitis Induced by Alendronate in Rats. Journal of Clinical Pharmacy and Pharmaceutical Analysis.2026.Vol. 1, Issue 2. pp: (1-8).

73. Elawy,B.,Al-laham,sh.,Deeb,G. The Study Of Effect Of Repeated Administration Of AT121 Substance On Some Physiological Parameters Compared To Morphine Tolerance On Wistar Rats.. Journal of Damascus Universit. for the Basic Sci.2024.Vol. 21, No.2, P69-92.

74. Elawy,B.,Al-laham,sh.,Deeb,G. A comparative study of the AT121 single dose effect to equal dose of Morphine on behavioral sensitization in Wistar rats by using an Open-field test.. Journal of Damascus Universit. for the Basic Sci.2025.Vol. 22, No.2, P19-22.

75. Elawy, B. E., Soukkarieh, C. E., Abbady, A. Q., Allaham, S. A., & Deeb, G. M.Evaluation of AT121 versus morphine on cortical neurons electrophysiology and dopamine concentrations in hippocampal cells. PLOS One.2026.21(4), e0347529. https://doi.org/10.1371/journal.pone.0347529

76. B. E. Elawy, L. Aljerf, S. A. Allaham, and G. M. Deeb, "In Vivo Evaluation of the Dual MOP/NOP Agonist AT121: A Potent Analgesic That Delays Opioid Tolerance and Offers a Superior Withdrawal Suppression Profile to Methadone," Neuroscience, vol. 613, no. 1, pp. 90–103, Oct. 2026, doi: 10.1016/j.neuroscience.2026.08.005. https://pubmed.ncbi.nlm.nih.gov/42551712

77. Wissam Dahi, Majd Aljamali, and Shaza Al laham. Antitumor Potential of Teriflunomide Alone and in Combination with Vitamin D_3 and Tamoxifen in DMBA-Induced Breast Cancer in BALB/c Mice.2026. Scientific reports.2026. https://doi.org/10.1038/s41598-026-70899-3

78.