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Education

M.sc. Biotechnology, Yarmouk University, Irbid, Jordan. (Excellent average: 90.4%).

Thesis title: Purification, Isotyping and Thermal Stability of Camel IgGs Produced against *Salmonella typhimurium* and *Escherichia coli*.

B.sc. Biology and Biotechnology, An-Najah National University, Nablus, Palestine. (Excellent average: 93.1%).

Scientific Stream, Kamal Junblat Secondary School, Nablus. (Excellent average: 90.4%).

Work Experience

Lecturer. Biology & Biotechnology Department, Faculty of Science, An-Najah National University, Nablus, Palestine.

Instructor. Biology & Biotechnology Department, Faculty of Science, An-Najah National University, Nablus, Palestine.

Teacher. Biology & Biotechnology Department, Faculty of Science, An-Najah National University, Nablus, Palestine.

Research and Teacher assistant (Full-time). Biology & Biotechnology Department, Faculty of Science, An-Najah National University, Nablus, Palestine.

Research and Teacher assistant (Part-time). Biology & Biotechnology Department, Faculty of Science, An-Najah National University, Nablus, Palestine.

Research Interests

Biotechnology, especially in Immunology, Biochemistry and Medicinal Plants.

Scholarships and Awards

- German Academic Exchange Service (DAAD) that support my Master study in Jordan.
- Saudi Arabia Kingdom Scholarships for Palestinian Students.
- An-Najah National University Outstanding Students Grants.
- The First Honor Award in Biotechnology Department and Science Faculty at An-Najah National University.
- The First Honor Award in Biotechnology Program-Faculty of Higher Education at Yarmouk University.
- The Best Poster Award at The 9th Palestinian International Conference in Medical Lab Sciences.
- The Best Poster Award at The 2nd Palestinian International Graduate Conference on Natural, Medical and Health Sciences and Humanities.
- Award of Eng. Zuhair Hijjawi for Undergraduate Scientific Research in Palestine in Medical and Biological technologies and Agricultural Sciences (Research supervisor).
- Research Excellence Awards (Award for High Impact Scientific Research An-Najah National University, Palestine).

Selected advanced courses

- Advanced Molecular Biology
- Advanced Immunology
- Experimental Biochemistry
- Advanced Genetics
- Microbial Biotechnology
- Advanced Biotechnology
- Statistical Analysis and Experimental Design
- Cloning of Organisms

Teaching Experience

Lecturer of the following courses (Before Master Degree):

- Microbiology for Science Labs Technicians
- Practical Microbiology for Science Labs Technicians
- Practical Biochemistry for Medicine
- Practical Applied Biotechnology II
- Practical General Biology for Medicine
- Practical Plant Diversity

- Practical Ecology
- Practical General Biology I and II
- Practical General Biology for Pharmacy

Lecturer of the following courses (After Master Degree):

- Immunology
- Protein Purification
- General Biology I
- General Biology for Pharmacy
- General Biology for Science Students
- Techniques in Immunology
- Seminar
- Research project
- Practical Immunology
- Practical Biochemistry
- Practical Microbiology
- Practical Applied Biotechnology I and II
- Practical General Biology I and II
- Practical General Biology for Pharmacy
- Metabolic Biochemistry lab
- Practical General Biology for Science Students

Training

- First Aid Course. Ministry of Health.
- Training Course in e-Learning/moodle (e-Learning Center, January, 5-15, 2012).
- Training Day in e-Learning (e-Learning Center, March, 24, 2013).
- Social media for learning (e-Learning Center, January, 14, 2014).
- Computerized Exams (e-Learning Center, January, 15, 2014).
- Designing effective ILOS (CELT, February, 18, 2014).
- Google Apps (e-Learning Center, May, 20, 2014).
- Moodle-e-portfolio (e-Learning Center, May, 22, 2014).
- New assessment methods (CELT, November, 11, 2014).
- Designing interactive power points (CELT, February, 25, 2015).
- Project based learning (CELT, September, 7, 2015).
- Art of discussion leading (CELT, March, 17, 2016).
- Smart board applications (CELT, April, 26, 2016).
- Turnitin report analysis (CELT, November, 28, 2016).

- E-Mind Maps (CELT, December, 11, 2018).
- Creating and editing instructional videos (CELT, May, 16, 2019).
- E-learning course (e-Learning Center, August, 20-27, 2020).
- Writing for Academic Publication Boot Camp. (March, 23-25, 2021).
- Flipped Classroom (e-Learning Center, August, 15-20, 2023).
- Training course on technology in education; A certified trainer at the Francophone University Agency (Agence universitaire de la Francophonie). (December, 9, 2024-January.16. 2025).
- The Art of Prompt Engineering: Smart Writing Skills for AI Tools – Faculty of Science (e-Learning Center, May, 22-29, 2025).
- Interactive learning with text-generative models (An-Najah Innovation Park, May, 28, 2025).

Scientific Skills

- Purification skills (Experience in different protein purification techniques).
- Immunological skills (Production of monoclonal antibodies, designing of ELISA, HRP conjugation, western blotting and other skills).
- Bioinformatics.
- Molecular skills (PCR & Cloning).
- Computer skills (Basic programs).
- Medicinal plants bioactivity studies.
- Chemical compounds bioactivity studies.

Attended Conferences

- The 2nd International Jordanian-Egyptian Biotechnology Conference (Yarmouk University, Jordan, November, 11-13, 2008).
- The 6th Palestinian conference of Laboratory Medicine (Al-Quds University, Abu-Dis/Jerusalem, March, 12-13, 2010).
- International Graduate Conference on Science, Humanities and Engineering (An-Najah University, Nablus, May, 4-5, 2011).
- DAAD Alumni Meeting focusing on the subject of “Sustainable Development – a Global Challenge (Ramallah, November, 18-20, 2011)
- Scientific Conference for Agricultural Research (An-Najah National University, Nablus, March, 25, 2012).
- The First International Palestinian Conference on Nanotechnology for Advance Material and Devices (An-Najah University, Nablus, March, 26-28, 2012).
- Third Conference on Biotechnology Research and Application in Palestine (Al-Quds University, Abu-Dis/Jerusalem, October, 20th, 2012).

- Special Experiences in Learning and Education Conference (Center of Excellence, An-Najah National University, Nablus, May, 22, 2013).
- Palestinian Conference of Health Sciences (Al-Quds University, Abu-Dis/Jerusalem, November, 16, 2013).
- International Conference for Learning and Teaching in the Digital World (An-Najah University, Nablus, March, 30, 2014).
- Infection Prevention and Control Conference (Grand Bark Hotel/Ramallah, May, 29, 2014).
- Community Based- Learning Conference (An-Najah University, Nablus, May, 30- June, 1, 2014).
- New Trends in Education at An-Najah National University: The Art of the Possible. (An-Najah University, Nablus, August, 11, 2015).
- The 2nd Palestinian International Conference on Material Science and Nanotechnology. (An-Najah University, Nablus, March, 23-24, 2016).
- The 5th Conference on New Trends in Higher Education. (An-Najah University, Nablus, July, 26, 2016).
- The 2nd International Conference for Learning and Teaching in the Digital World. (An-Najah University, Nablus, March, 29, 2017).
- The 6th annual symposium in education and new learning methodologies (Efficient Ecosystems for Industry-Based Learning. (An-Najah University, Nablus, September, 8, 2018).
- Symposium on “Simulation – based Sciences and Engineering”. (Ramallah, March, 7-9, 2019).
- OWSD 6th General Assembly and International Conference. (November, 8-19, 2021).
- The Sharjah International Conference on EDUCATION IN POST COVID-19. (March, 14-16, 2022).

Attended Workshops

- "Frontiers in Molecular Biology and Biomedicine" Workshop, (Birzeit University, March 20-21, 2010).
- Bridging knowledge in medical research between Palestinian scholars (An-Najah National University, Nablus, October, 5th, 2011).
- Palestinian Symposium on Nanoscience and Nanotechnology (Birzeit University, December, 10th, 2011).
- Palestinian National Week of Laboratory Medicine, the fourth scientific day (An-Najah National University, Nablus, April, 27, 2012).
- DAAD Reception with the Head of the German Representative Office, Götz Lingenthal (Ramallah, May, 25, 2012).

- DAAD Alumni Meeting "The Palestinian University System, Current Challenges and Recent Developments" (Ramallah, March, 9, 2013).
- The 1st MEDRC Palestinian Water Research Alumni Forum (An-Najah National University, Nablus, December, 11, 2018).
- Science Faculties, Reality and Challenges Workshop (An-Najah National University, Nablus, May, 11, 2022).
- Society of Obstetricians and Gynecologists Meeting in Nablus (Genetic and Immunological factors in pregnancy loss. May, 8, 2023).

Activities

- Participation in the 5th Science Exhibition at An-Najah National University (May, 6-8, 2006).
- Member of the 6th Science Exhibition Committee at An-Najah National University (April, 14-16, 2009).
- Member of Biomaterials Course Study Plan Committee (2010).
- Participation in the 7th Science Exhibition at An-Najah National University (April, 20-23, 2011).
- Member of the 2nd Palestinian French Science Festival Committee at An-Najah National University (October, 29-30, 2011).
- Member of the 3ed Palestinian French Science Festival Committee at An-Najah National University (November, 5-6, 2012).
- Member of the 8th Science Exhibition Committee at An-Najah National University (April, 21-23, 2015).
- Coordinator of the Social Committee at Science Faculty (2009-2013).
- Member of the Social Committee at Science Faculty (2014-2017).
- Member of the Advisory Committee for Biotechnology Science Association since 2016.
- Member of Biology- Minor Education Program Study Plan Committee at Biology and Biotechnology Department (2017).
- Member of Seminar Committee at Biology and Biotechnology Department (2015-2018).
- Middle East Molecular Biology Sources (MEMBS) Member (Membership#: A009529).
- Member of Student Guidance Committee at Biology and Biotechnology Department (2015-2019).
- Member of Study Plan Committee at Biology and Biotechnology Department (2017-2020).
- Member of the committee of the 9th science exhibition at An-Najah National University (April, 16-19, 2018).
- Participation in the 1th Orientation Day for Science Faculty at An-Najah National University (April, 3-5, 2019).
- Member of the Website Committee at Science Faculty (2019-2021).

- Member of Nablus Local Committee for International Science and Technology Fair (**ISEF**) (2020).
- Full Member of Organization for Women in Science for the Developing World (**OWSD**).
- Member of the Palestine Academy for Science and Technology (**PALAST**).
- Member of Seminar Committee at Science Faculty (2020-2021).
- Member of Research Committee at OWSD-Palestine National Chapter.
- Member of Nablus Local Committee for International Science and Technology Fair (**ISEF**) (2022).
- Member of the Media Committee to Support Promotion in Science Faculty (2022).
- Member of Science Faculty identity committee (2022).
- Member of Science Faculty Committee for the Promotion of Faculty Programs in Schools (2022).
- Supervisor for three Biotechnology students in the cross-cultural virtual exchange programs (Second Semester, 2022-2023).
- Coordinator of the Media Committee to Support Promotion in Science Faculty (2023-2025).
- Member of the Social Committee at Science Faculty (2023-2025).
- Member of Nablus Local Committee for International Science and Technology Fair (**ISEF**) (2023).
- Member of Science Faculty Strategic Plan Committee (2023-2024).
- Member of Nablus Local Committee for International Science and Technology Fair (**ISEF**) (2024).
- Member of Scientific Committee of the First Scientific Day, Faculty of Science, An-Najah National University (2025).
- Member of Palestine Committee for International Science and Technology Fair (**ISEF**) (2024).
- Member of An-Najah National University School Promotion Team (2025).

Abstracts of Invited Lectures ^L and Posters ^P

1. ^L Lubna A. Abdallah and Khaled Al-Qaoud. Generation of mouse monoclonal antibodies against *Camelus dromedarius* IgG3 heavy chain antibodies. The 2nd Conference on Biotechnology Research and Application in Palestine (An-Najah University, Nablus, September, 26-27, 2010).
2. ^P Lubna A. Abdallah and Khaled Al-Qaoud. Stability of *Camelus dromedaries* IgG3 heavy chain antibodies. The 2nd Conference on Biotechnology Research and Application in Palestine (An-Najah University, Nablus, September, 26-27, 2010).
3. ^L Omar Ghadeer, Lubna A. Abdallah, Shurooq Ismail and Motasem Y. Almasri. Screening of antimicrobial effect of some wild plant extracts as natural alternatives. Research day for Biotechnology Application in Palestine (PPU, Hebron, March 21, 2013).

4. ^L Lubna A. Abdallah, Khaled Al-Qaoud and Iqbal Qatnani. Characterization of *Camelus dromedaries* IgG3 Heavy Chain Antibodies Produced Against *Salmonella typhimurium*. The 8th Palestinian International Conference in Medical Lab Sciences (Ramallah, August 14-16, 2014).
5. ^L Lubna A. Abdallah, Iqbal Qatnani and Khaled Al-Qaoud. The role of *Camelus dromedaries* antibodies in the protection against oral infection of *Salmonella typhimurium*. DAAD Alumni workshop - Biotechnology and Agriculture in Palestine. (Hebron University and Bethlehem University, November, 30- December, 1, 2014).
6. ^P Saleh Fares, Ghadeer Omar, Lubna Abdallah, Motasem Almasri, Ahmad Slaileh and Zakaria Zurba. Antibacterial Activity of Selected Palestinian Wild Plant Extracts against Multidrug-Resistant Clinical Isolate of *Streptococcus pneumonia*. Fifth Biomedical Research Symposium. (Birzeit University, April 4, 2015).
7. ^P Majdi Dwikat, Ghadeer Omar, Lubna Abdallah and Shurooq Ismail. Effect of Aqueous Extracts from Five Species of Salvia on Spontaneous Contractile Activity of Isolated Rabbit Ileum. 1st National Conference on Applied Biomedical Sciences (The Arab American University, April 20, 2015).
8. ^P Lubna Abdallah and Shurooq Ismail. Antibacterial Activity of Selected Plant Extracts on Methicillin Resistant *Staphylococcus aureus*. The 4th Conference on Biotechnology Research and Application in Palestine (Arab American University, March, 21, 2016).
9. ^P Rami Othman, Ghadeer Omar, Lubna Abdallah, Ali Barakat, Hiba Bourinee and Ahmad Abdal Rahim. *In vitro* Haemostatic efficacy of Aqueous, Methanol and Ethanol Plant Extracts of Three Medicinal Plant Species in Palestine. The 9th Palestinian International Conference in Medical Lab Sciences (Ramallah, August 26-28, 2016).
10. ^P Lubna Abdallah. The Combined Effect of Camel Milk and Ethanol Extracts of *Ballota undulata* and *Ruta chalepensis* on Bacteria. The 2nd Palestinian International Graduate Conference on Natural, Medical and Health Sciences and Humanities. (An-Najah University, Nablus, April, 20, 2017).
11. ^L Ghadeer Omar and Lubna Abdallah. Wild Plants Extracts Bioactivity on the Coagulation Cascade. 6th Scientific Conference for Palestinian Medical Laboratory Association. (Palestine Technical University – Kadoorie, Tulkarm, October, 6, 2017).
12. ^P Lubna Abdallah, Naser Jarrar and Awni Abu-hijleh. Bioactivity of *Camelus dromedarius* Whey in Combination with *Rosmarinus officinalis* Extracts. The 10th International Palestinian Conference of Laboratory Medicine – The 15th Arab Conference of Clinical Biology. (Ramallah, April, 18-21, 2018).
13. ^P Lubna Abdallah, Ghadeer Omar. Antibacterial Effect of Some Wild Medicinal Plants in Palestine Against Multidrug Resistant *Escherichia. coli* Clinical Isolate. The 8th Palestinian Forum for Medical Research (PFMR). (Birzeit University, April, 13, 2019).

14. ^P Ghadeer Omar, Lubna Abdallah, Ahmad Abu-Dalo, Mohammad Abu-Arra and Mujahid Abu-Arra. *In Vitro* Inhibition of Sheep Liver Glutathione-S-Transferases Activity by Different Extract Types from *Ephedra aphylla* and *Ephedra foeminea*. The 4th An-Najah National University International Medical Sciences Conference. (An-Najah University, Nablus, October, 26-27, 2019).

15. ^L Lubna Abdallah, Ibtihaj Surakji, Tarteel Qawasme, Dania Ayyash, Ruba Shehadeh, Ghadeer Omar and Ali Barakat. *In vitro* Activity of Some Medicinal Plants on Blood Coagulation. The Annual Conference of the Palestinian Society for Biological Sciences (ACPSBS). (September, 4-5, 2021).

16. ^L Ghadeer Omar, Lubna Abdullah, Aseel Sawafta, Huda Bani-Odeh, Jamil El Araj and Osaid Marie. *In vitro* Anticancer Effect of Different Extract Types of *Ephedra aphylla* and *Ephedra foeminea* on HeLa Cells. The Annual Conference of the Palestinian Society for Biological Sciences (ACPSBS). (September, 4-5, 2021).

17. ^P Lubna Abdallah, Ibtihaj Surakji, Tarteel Qawasme, Dania Ayyash, Ruba Shehadeh, Ghadeer Omar and Ali Barakat. *In vitro* Activity of Some Medicinal Plants on Blood Coagulation. Palestinian Local Hub Meeting of the OWSD General “It is Time to Meet and Talk Science”. (November, 19, 2021).

18. ^P Lubna Abdallah. Effect of Some Antibiotics on the Activity of Glutathione-S Transferases: An *In vitro* Study. The 12th international Palestinian Conference for Laboratory Medicine. (August, 24-26, 2023).

19. ^P Lubna Abdallah and Ghadeer Omar. *Ecballium elaterium* aqueous extract total phenol content, antioxidant and anticancer activities against skin melanoma (B16-F1) cell line. The 13th international Palestinian Conference for Laboratory Medicine. (August, 21-23, 2025).

20. ^P Lubna Abdallah Ikram Sawafta, Nenaro Zaid, Rahaf Dabe, Mervana Mohtaseb, Monya Tubelleh and Malak khader. Antibacterial activity of camel milk and whey in combination with some antibiotics against vancomycin resistant *Staphylococcus aureus*. The 13th international Palestinian Conference for Laboratory Medicine. (August, 21-23, 2025).

21. ^L Amjad Hussein, Ahmed Qanaze, Fayza Azzam, Lina Qalalwah, Rawan Abu Fkheidah, Ghadeer Omar and Lubna Abdallah. The Relationship Between Plants and Coagulation Cascade. The 13th international Palestinian Conference for Laboratory Medicine. (August, 21-23, 2025).

Publications

1. Omar, G., Abdallah, L. A., Ismail, S., & Almasri, M. Y. (2013). Screening of selected medicinal wild plant extracts antibacterial effect as natural alternatives. *International Journal of Indigenous Medicinal Plants*. 46, 1299-1304.

2. Fares, S., Omar, G., Abdallah, A., Almasri, M., Slaileh, A., & Zurba, Z. (2013). Antibacterial Activity of Selected Palestinian Wild Plant Extracts against Multidrug-Resistant Clinical Isolate of *Streptococcus pneumoniae*. *Journal of Pharmacy Research JPR*. 1(10), 963-969.
3. Omar, G., Abdallah, L., Rahim, A. A., Othman, R., & Barakat, A. (2017). Selected Wild Plants Ethanol Extracts Bioactivity on the Coagulation Cascade. *Journal of Scientific Research & Reports*. 13(6), 1-10.
4. Abdallah, L., Almanasrah, M., Taradeh, M., Khasib, M., Haddad, M., & Jabir, K. (2017). Antibacterial activity of camel whey in combination with various medicinal plant extracts. *Journal of Medicinal Plants Studies*. 5(3), 50-55.
5. Abdallah, L., & Ismail, S. (2017). Antibacterial Activity of Selected Plant Extracts on Methicillin Resistant *Staphylococcus aureus*. *Journal of the Arab American University*. 3(1).
6. Badran, I., Abdallah, L., Mubarakeh, R. & Warad, I. (2019). Effect of alkyl derivation on the chemical and antibacterial properties of newly synthesized Cu(II)- diamine complexes. *Moroccan Journal of Chemistry*. 7(1), 161-170.
7. Abdallah, L. & Omar, G. (2019). Antibacterial effect of some wild medicinal plants in Palestine against multidrug resistant *Escherichia coli* clinical isolate. *Brazilian Journal of Biological Sciences*. 6(12), 103-113.
8. Dwikat, M., Omar, G., Abdallah, L. & Ismail, S. (2019). Effect of Ethanol Extract From Five Species of Salvia on the Spontaneous Contractile Activity of Isolated Rabbit Ileum. *Palestinian Medical and Pharmaceutical Journal*. 4(1), 41-47.
9. Abdallah, L., Benali, S., Zugier, D., Hoge, D., Bradia, H., Nazzal, A., Al-Aqtum, A. & Kabaha, M. (2020). Effect of camel whey immunoglobulins concentrate on the activity of sheep liver glutathione-s-transferases. *Research Journal of Biotechnology*. 14 (10): 1-9.
10. Abdallah, L., Sawafta, A., Ben Ali, S & Baradia, H. (2019). Cytotoxic potential of camel whey and milk on cervix cancer (HeLa) cell line. *Asian Journal of Medical and Biological Research*. 5 (3):231-236.

11. Abdallah, L., Hantash, M., Shayeb, A., Jaber, M., Jaber, S., Dweikat, A., Hamdan, H. & Hidmi, O. (2020). *In vitro* effect of camel whey on copper inactivated glutathione-s-transferases. *Malaysian Journal of Biochemistry & Molecular Biology*, 23(1), 24-29.
12. Warad, I., Ali, O., Al Ali, A., Jaradat, N.A., Hussein, F., Abdallah, L., Al-Zaqri, N., Alsalme, A. & Alharthi, F.A. (2020). Synthesis and Spectral Identification of Three Schiff Bases with a 2-(Piperazin-1-yl)-N-(thiophen-2-yl methylene)ethanamine Moiety Acting as Novel Pancreatic Lipase Inhibitors: Thermal, DFT, Antioxidant, Antibacterial, and Molecular Docking Investigations. *Molecules*, 25, 2253.
13. Abdallah, L., Jarrar, N. & Abu-hijleh, A. (2020). Bioactivity of *Rosmarinus officinalis* Extracts in Combination with *Camelus dromedaries* Whey Proteins. *Arabian Journal of Medicinal and Aromatic Plants*, 6(3), 20-36.
14. Omar, G., Abdallah, L., Barakat, A., Othman, R. & Hiba Bourinee. (2020). *In vitro* haemostatic efficacy of aqueous, methanol and ethanol plant extracts of three medicinal plant species in Palestine. *Brazilian Journal of Biology*. 80(4), 1-6.
15. Abdallah, L. & Omar, G. (2020). *Satureja thymbra* Aqueous and Ethanol Extracts Antibacterial Activity. *International Research Journal of Biological Sciences*, 9(3), 38-42.
16. Abdallah, L. (2020). Antioxidant and colorectal anticancer potential of camel whey immunoglobulins. *Brazilian Journal of Biological Sciences*. 8.
17. Omar, G., Abdallah, L., Abu-Dalo, A., Abu-Arra, M. & Abu-Arra, M. (2021). *In Vitro* Inhibition of Sheep Liver Glutathione-S-Transferases Activity by Different Extracts from *Ephedra aphylla* and *Ephedra foeminea*. *Palestinian Medical and Pharmaceutical Journal*. 6 (2): 99-106.
18. Abdalah L., Abu jafar A., Faisel A., Jawabrah B., Abdullah R., Ayid L., Abu fara S & Ajaj W. (2021). Bioactivity of three medicinal plants leaf aqueous extracts growing wild in Palestine. *Research Journal of Biotechnology*. 16 (9): 126-134.
19. Abdallah, L., Surakji, I., Qawasme, T., Ayyash, D., Shehadeh, R., Omar, G. and Barakat, A. (2022). *In vitro* Activity of Some Medicinal Plants on Blood Coagulation. *Turkish Journal of Pharmaceutical Sciences*. 19(3): 330-335.
20. Bsharat, A., Abdallah, L., Sawafta, A., Abu-Reidah, I., Al-Nuri, M. (2023). Synthesis, characterization, antibacterial and anticancer activities of some heterocyclic imine compounds. *Journal of Molecular Structure*.1289: 135789. 22.

21. Abdallah. L and Abu Hardan. A. (2023). Effect of *Verbascum sinuatum* Different Extracts on the Activity of Hepatic Glutathione-S-Transferases. *Herbal Medicines Journal*. 7(3).

22. Abdallah., L., Omar., G., Abu Khdeer., S., Heeh., H., Khateeb., D., Salameh., N. (2023). Screening of Anticancer Potential of Leaf Aqueous Extract from *Pulicaria incisa* Growing Wild in Palestine. *Indian Journal of Natural Products and Resources*.14 (3):402-408.

23. Abdallah, L., Shaheen, R., Abdlhafez, S., Abu Khmaish, F. (2023). Antibacterial activity of peptides from *Rosmarinus officinalis* leaves in combination with sulfamethoxazole and trimethoprim antibiotics. *Moroccan Journal of Biology*. 19:21-28.

24. Bsharat, A., Abdallah, L., Sawafta, A., Abu-Reidah, I., Al-Nuri, M. (2024). Synthesis and biological evaluation of several new heterocyclic carvacrol esters. *Journal of Molecular Structure*.1295: 136599.

25. Adwan, G., Omar, G., Abdallah, L. (2024). *In vitro* Evaluation of Antioxidant and Antimicrobial activity of aqueous aerial parts extracts of *Euphorbia helioscopia* L. An-Najah University Journal for Research – A (Natural Sciences). 38 (2): 125-129.

26. Omar, G., Abdallah, L., Sawafta, A., Bani-Odeh, H., El Araj, J. and Marie, O. (2024). Cytostatic potential of *Ephedra aphylla* Forssk. and *Ephedra foeminea* Forssk. different extract types against HeLa cell line. (*Journal of Medicinal Plants Studies*. 12(4): 333-340.

27. Al-Maharik, N., Daqqa, M., AlObaid, A., Abdallah, L., Zarrouk, A., AlAli, A., Warad,I. (2024). Synthesis, XRD/HSA-interactions, synthon, TD-DFT/optical analysis, docking and antibacterial evaluation of two (\pm)-Isoflavonoid derivatives. *Journal of Molecular Structure*. 1313, 138700.

28. Abdallah, L., Omar, G. (2024). *Ecballium elaterium* aqueous extract total phenol content, antioxidant and anticancer activities against skin melanoma (B16-F1) cell line. *Jordan Journal of Applied Science - Natural Science Series*. 18, 48-52.

29. Abdallah, L., Odeh, H., Salem, H., Barham, T., Nazzal, S., Kokaly, R., Sa'd Aldeen, H., Holuo, A. (2024). Synergistic Effect of Meropenem and Vancomycin Antibiotics with *Ecballium elaterium* and *Senna italica* Extracts. *Journal of BioScience and Biotechnology*.13(2): 173-177.

30. Bsharat, I., Abdallah, L., Sawafta, A., Abu-Reidah, IM., Al-Nuri, M. (2025). Synthesis, Characterization, Anticancer, Antibacterial and Antioxidant Activities of Novel Thymol Ester Compound. *Journal of Molecular Structure*. 1334, 141771.

31. Al Ali, A., Shalalin, K., Khamees, H., Abdallah, L., Almeer, R., Zarrouk, R., Warad, I., Ara Khanum, S. (2025). a Novel counter ion exchanged in DSP-[CuX(phen)2].ClO₄ complexes family and their antimicrobial/anti-inflammatory/COX-LOX evaluations. *Journal of the Indian Chemical Society*. 102 (4), 101651.

32. Abdallah, L., Daraghmeh, S., Bsharat, T., Qraini, N., Kharraz, S., Noor, N., Alhussni, F. (2025). Inhibitory Effect of Meropenem Antibiotic on the Activity of Glutathione-S-Transferases. *Palestinian Medical and Pharmaceutical Journal*. 10(2): 107-112.

33. Al-Hajj, N., Bsharat, O., Jaradat, N., Abdallah, L., Mousa, M., Al-Maharik, N. (2025). Assessing *Salvia dominica* L.: from chemical profiling to antioxidant, antimicrobial, anticancer, α -amylase, and α -glycosidase activities of the plant essential oil. *Chemical and Biological Technologies in Agriculture*. 12, 94.

34. Abdallah, L., Sawafta, I., Zaid, N., Dabe, R., Mohtaseb, M., Tubelleh, M. and khader, M. (2025). Antibacterial activity of camel milk and whey in combination with some antibiotics against vancomycin resistant *Staphylococcus aureus*. (*An-Najah University Journal for Research – A (Natural Sciences)* Accepted).

35. H. Qrareya, S. Sadi, L. Abdallah, A. Zarrouk, F. Al battah, I. Warad. (2025) Molecular hybrid design, physicochemical, and thermal properties of new five quinoline sulfonyl hydrazide Schiff base derivatives: bioinformatics and antibacterial investigation. *Results in Chemistry*. 18. (Accepted).

36. Abdallah, L., Ameer, L., Bzour, T., Sabra, R., Hamamrah, B. (2025). The Impact of Typhoon herbicide on the Activity of Sheep Liver Glutathione-S-Transferase *Moroccan Journal of Biology*. (Accepted).

37. Abdallah., L., Omar. Total Phenol Content, Antioxidant and Glutathione-S-Transferases Inhibitory Activity of *Centaurea hyalolepis* Aqueous Extract (Accepted) *Research Journal of Biotechnology*.

38. Abdallah, L., Abusnober, A., Abusnober, I., Hussain, J., Herzallah, J. (2025). Anti-inflammatory activity of camel whey immunoglobulins: An in vitro study. (Submitted to *Algerian Journal of Biosciences*).

39. Abdallah., L., Omar., G., Eisheh., H., Ayaseh., Y., Marzouq., M., Bkerat., A., Said., B., Jbaly., N., Arafat., T. (2025). Evaluation of Total Phenol Content Antibacterial and Antioxidant Activity of Leaf Aqueous Extracts of *Salvia viridis* and *Senna italica* from Palestine. (Submitted to *Arabian Journal of Medicinal and Aromatic Plants*).

40. Bsharat, I., Abdallah, L., Sawafta, A., Abu-Reidah, IM., Al-Nuri, M. Synthesis and Biological Evaluations of Some Heterocyclic Amides. (**Submitted**).

41. I. Bsharat, L. Abdallah, M. A. Al-Nuri. Synthesis, Characterization and Biological Implications of Novel Keto-Amine Compounds. (**Submitted** to *Moroccan Journal of Chemistry*).

42. Inas Bsharat, Lubna Abdallah, Ashraf Sawafta, Ibrahim M. Abu-Reidah, Mohammed A. Al-Nuri. Exploring New Frontiers in Heterocyclic Flavonoid Esters: Synthesis, Characterization, and Biological Insights. (**Submitted**).

Referees

- Prof- Khaled Al-Qaoud,
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