#### **Curriculum Vitae**

## **Personal Information:**

Name: Khaloud Mohammed Abdullah Alarjani

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Microbiology

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Nationality: Saudi

Languages: Arabic and English (Fluent in speaking and writing)

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## **Educational Qualifications:**

• Ph.D. in Bacterial Genetics

Department of Genetics and Genome Biology, College of Biological Sciences, University of Leicester, UK.

• Master of Science in Botany

Department of Botany and Microbiology, King Saud University, Saudi Arabia.

• Bachelor of Science in Botany and Microbiology (Honors)

Department of Botany and Microbiology, King Saud University, Saudi Arabia.

#### **Professional Certifications:**

- Certified Strategic Planning Professional (CSPP) British Center, 2023.
- Leadership Practice: Foundational Principles A course of study offered by HarvardX, an online learning initiative of Harvard University, 2024.

#### **Current Academic Position:**

- Associate Professor, Department of Botany and Microbiology, College of Science,
  King Saud University 2024 Present.
- Assistant Professor, Department of Botany and Microbiology, College of Science, King Saud University 2019 – 2023.

# **Administrative Positions:**

- Assistant to the Vice Dean for Development and Quality, College of Science, King Saud University 2020 2023.
- Advisor to the Dean, College of Science, King Saud University 2024.
- Member of the College of Science Council 2024.
- Head of the Department of Botany and Microbiology, College of Science, King Saud University 2024.

#### **Professional Experience:**

- Lecturer, Department of Botany and Microbiology, College of Science, King Saud University Until 2019.
- Research Supervision and Assistance for Undergraduate and Master's Students during Ph.D. Research, Genetics and Genome Biology Laboratory, University of Leicester, UK 2014 – 2018.
- Teaching Assistant, Department of Botany and Microbiology, College of Science, King Saud University Until 2014.

## **University, College, and Community Service:**

- Conducted a training course on Molecular Cloning Strategies as part of the 2020 summer training programs offered by the College of Science, King Saud University.
- Supervised a student in the mentorship track during the second semester of the academic year 1442 AH in collaboration with the Distinguished and Talented Students Program at the Deanship of Student Affairs, King Saud University.
- Quality Ambassador, National Program for Quality Ambassadors, Saudi Standards, Metrology and Quality Organization.
- Participated in the implementation of the Service Learning Project under the supervision of the Ministry of Human Resources and Social Development through course 351 Mbio in 2023.

- Managed scientific sessions during the International Conference and Exhibition of Science (ICES 2023) – College of Science – King Saud University, Riyadh, 6-8 February 2023.
- Participated in selecting the winners of the Scientific Excellence Award for Graduate Students, College of Science, 1444 AH.
- Delivered a workshop on "How to Prepare an Academic Proposal" on March 13, 2023, for graduates of Majmaah University.

## **Committee Membership:**

- 1. The chair of the Microbiology Unit, Department of Botany and Microbiology, College of Science, King Saud University 2023 2024.
- 2. Member of the Curriculum, Learning Resources, and Equivalency Committee, Department of Botany and Microbiology, College of Science, King Saud University 2023 2024.
- 3. Member of the Service Learning Project Team, University Vice Presidency for Educational and Academic Affairs, Center of Excellence in Learning and Teaching, King Saud University 2023 2024.
- 4. Member of the Graduation Research Poster Exhibition Organizing Committee for Undergraduate Students, College of Science, King Saud University 2022 2023.
- 5. Member of the Dean's Award Selection Committee, College of Science, King Saud University 2022 2023.
- 6. Member of the Committee for Excellence in Academic Programs, Deanship of Development and Quality, King Saud University 2022 2023.
- 7. Member of the Higher Committee in the Department of Botany and Microbiology, College of Science, King Saud University 2021 2023.
- 8. Committee Rapporteur of the Development and Quality, Department of Botany and Microbiology, College of Science, King Saud University 2021 2023.
- 9. Vice-Chair of the Training and Community Relations Unit, College of Science, King Saud University 2021 2024.
- 10. Member of the Subcommittee on Student Rights in the College of Science, King Saud University 2021 2023.
- 11. Member of the Office and Laboratory Allocation Committee, College of Science, King Saud University 2021 2022.
- 12. Member of the Strategic Planning Unit, College of Science, King Saud University 2020 2022.

- 13. Coordinator of the Committee for Monitoring Precautionary Measures in Laboratories (Female Section), College of Science, King Saud University 2020.
- 14. Coordinator of the Alumni Unit (Female Section), College of Science, King Saud University 2020.
- 15. Member of the Specialized Committee for Preparing Primary School Teachers for Upper Grades in a Single Subject (Mathematics, Science, and Technology), King Saud University 2020.
- 16. Member of the Specialized Training Committee for Technicians in the College of Science, King Saud University 2020.
- 17. Member of the Alumni Unit, Department of Botany and Microbiology, King Saud University 2020.
- 18. Member of the Final Examinations Supervision Committee, Department of Botany and Microbiology, King Saud University 2012.
- 19. Member of the Annual Reports Committee, Department of Botany and Microbiology, King Saud University 2010.
- 20. Member of the Laboratory Supervision Committee, Department of Botany and Microbiology, King Saud University 2009.
- 21. Member of the Activities Committee, Department of Botany and Microbiology, King Saud University 2009.

## **Proposals and Initiatives:**

- Proposed the "Job Shadowing" initiative aimed at improving administrative efficiency at the College of Science for Development and Quality 2021.
- Developed a specific model for measuring course learning outcomes, approved by the College of Science Council for implementation across departments 2022.

## **Courses, Workshops, and Other Activities:**

- Administrative and Academic Leadership Skills Development Program (1446/06/7–11,
  training hours), organized by the Skills Development Deanship, King Saud University.
- 2. Attended the training course "Deriving Program Learning Outcomes from the National Qualifications Framework" (1446/05/22, 5 training hours), organized by the Skills Development Deanship, King Saud University.

- 3. Attended the training course "Establishing a Quality System and Internal Auditing in Academic Departments" (1445/07/25, 5 training hours), organized by the Skills Development Deanship, King Saud University.
- 4. Completed the training course in "School Evaluation Specialist Academic Path" conducted by the Education and Training Evaluation Commission (ETEC) through the National Academy for Training and Accreditation from 2023/12/17 (30 training hours, Online).
- 5. Attended the training course "Academic Quality Practitioner" conducted by the ETEC General Administration of Training from 2023/08/06 to 2023/08/09 (20 training hours).
- 6. Attended the training course "Team Building and Management" (1444/06/24–25, 10 training hours), organized by the Skills Development Deanship, King Saud University.
- 7. Attended the training course "Administrative Decision-Making" (1444/06/10–11, 10 training hours), organized by the Skills Development Deanship, King Saud University.
- 8. Attended the "Administrative Decision-Making" training course (10-11/06/1444, 10 training hours) at the Skills Development Deanship, King Saud University.
- 9. Attended the "Effective Negotiation Skills" training course (25/05/1444, 5 training hours) at the Skills Development Deanship, King Saud University.
- 10. Attended the "Mind Maps: Applications in University Teaching" training course (12/05/1444, 5 training hours) at the Skills Development Deanship, King Saud University.
- 11. Attended the "Annual Program for Preparing Vice Deans for Development and Quality" workshop (13-14/04/1444, 10 training hours) at the Skills Development Deanship, King Saud University.
- 12. Attended a workshop on "Concepts and Requirements of the Environmental Management System ISO 14001" (02/03/1444, 3 training hours) by the Saudi Standards, Metrology and Quality Organization.
- 13. Completed a training course in "Practical Requirements for the ISO 9001 Standard" at Riyadh Training Center, accredited by the General Organization for Technical and Vocational Training, (1-3/09/2022, 24 training hours).
- 14. Completed a training course in "Quality Management System in Laboratories ISO 17025" at the Advanced Vision Training Center, accredited by the General Organization for Technical and Vocational Training, (7-9/08/2022, 15 training hours).
- 15. Participated in the "Determining Training Needs for Faculty Members" workshop organized by the Skills Development Deanship (15/11/1443, 3 training hours).

- 16. Attended a workshop on the "Quality Management System ISO 9001" (05/10/1443, 2 training hours) by the Saudi Standards, Metrology and Quality Organization.
- 17. Completed the "Board of Assessor (BOA) for KSU-QMS (Level 3)" training (8-10/10/1443, 15 training hours) at the Skills Development Deanship, King Saud University.
- 18. Completed the "Board of Assessor (BOA) for KSU-QMS (Level 2)" training (28/07/1443, 15 training hours) at the Skills Development Deanship, King Saud University.
- 19. Completed the "Board of Assessor (BOA) for KSU-QMS (Level 1)" training (20-22/06/1443, 15 training hours) at the Skills Development Deanship, King Saud University.
- 20. Attended the "Fundamentals of Academic Leadership" workshop (17/06/1443, 3 training hours) at the Skills Development Deanship, King Saud University.
- 21. Attended the "Strategic Planning" workshop (16-17/05/1443, 6 training hours) at the Skills Development Deanship, King Saud University.
- 22. Completed the "Professional Project Management (PMP)" preparation course (22-26/12/1442, equivalent to 35 training hours) at the Skills Development Deanship, King Saud University.
- 23. Completed a training course in "Leadership and Administrative Empowerment" (24/11/1442, 2 days, equivalent to 6 training hours) at the Training Center, College of Applied Studies and Community Service, King Saud University.
- 24. Completed the "Creating Community Projects" course (05/11/1442, 2 training hours) at the Skills Development Deanship, King Saud University.
- 25. Completed the "Quality and Academic Accreditation Practitioner" training program (18/07/1442 to 07/09/1442) at the Deanship of Development and Quality, King Saud University.
- 26. Program Accreditation Standards 2018 (2021)
- 27. Course and Program Description and Reporting (2021)
- 28. Assessment of Program and Course Learning Outcomes (2021)
- 29. Self-Evaluation of Academic Programs and Independent Review (2021)
- 30. Preparation for Accreditation Visits and File Management (2021)
- 31. Preparation of the Self-Study Report (2021)
- 32. Completed a course in "Supervising Academic Theses" (22/08/1442) at the Skills Development Deanship, King Saud University.

- 33. Completed a course in "Writing the Self-Study Report" (27-07-1442, 3 training hours) at the Skills Development Deanship, King Saud University.
- 34. Completed a course in "Using Modern Technologies in Teaching" (01-03-2021, 3 training hours) at the Skills Development Deanship, King Saud University.
- 35. Attended the Annual Quality in Education Forum organized by the Saudi Quality Council on Tuesday, 22/10/2020, at 6:00 PM (remote/3 hours).
- 36. Completed a course in "Key Performance Indicators and Benchmarking" (26-03-1442, 3 training hours) at the Skills Development Deanship, King Saud University.
- 37. Completed a course in "Preparing for Academic Accreditation Visits" (11-03-1442, 3 training hours) at the Skills Development Deanship, King Saud University.
- 38. Completed a course in "Modern Teaching Strategies" (24-02-1442, 2 training hours) at the Training Center, College of Applied Studies and Community Service, King Saud University.
- 39. Completed a course in "Quality Standards for Electronic Courses" (20-02-1442, 3 training hours) at the Skills Development Deanship, King Saud University.
- 40. Completed various courses as part of the New Faculty Members Program organized by the Skills Development Deanship, King Saud University, including:
  - Assessment of Learning Outcomes (2020)
  - Effective University Teaching (2020)
  - Micro-Teaching (2020)
  - o Course Design and Development (2020)
  - o Conducting Electronic Exams using Blackboard (2020)
  - o Preparing Electronic Forms (2020)
  - o Scientific Publishing in International Journals (ISI) (2019)
  - o Preparation of Annual Reports (2019)

# **Specialized Training Courses:**

- 1. Introduction to Data Analysis using R and the Tidyverse Training Course University of Leicester, UK (2018, 2 days).
- 2. Scientific Python for Programmers Training Course University of Leicester, UK (2018).
- 3. **DNA-Seq NGS Analysis Training Course** University of Leicester, UK (2017, 3 days).
- 4. **Principles of Statistics Training Course** University of Leicester, UK (2017).
- 5. Introduction to ImageJ/Fiji Training Course University of Leicester, UK (2016).

- 6. Exploratory Analysis and Introduction to Sampling Distributions Training Course University of Leicester, UK (2016).
- 7. Basic Stats: Types of Statistical Tests and Introduction to Study Design Training Course University of Leicester, UK (2016).
- 8. Analysis and Assembly of DNA Sequence Training Course University of Leicester, UK (2015).
- 9. Advanced Microscopy and Bio-Imaging Training Course University of Leicester, UK (2015).
- 10. Scientific Report Writing Training Course University of Leicester, UK (2015).
- 11. **Fundamentals for an Effective Presentation Training Course** University of Leicester, UK (2015).
- 12. **Project Managing the Research Degree Training Course** University of Leicester, UK (2014).
- 13. **Personal and Professional Development Planning** Training **Course** University of Leicester, UK (2014).
- 14. Effective Reading and Note Taking Training Course University of Leicester, UK (2014).
- 15. **Designing a Poster Training Course** University of Leicester, UK (2014).
- 16. EndNote Course University of Leicester, UK (2014).
- 17. **RefWorks Course** University of Leicester, UK (2014).
- 18. Excel 2010: Take Time to Learn Training Course University of Leicester, UK (2014).
- 19. Word 2010: Long Document Essentials Training Course University of Leicester, UK (2014).
- 20. **Positive Thinking and Mental Health Course** King Saud University, Saudi Arabia (2012)
- 21. **Positive E-Teacher Program Course** Korean Society for Educational Technology, Online (2012)
- 22. Security Awareness License for Educational Media Course King Saud University, Saudi Arabia (2012)
- 23. **Database and Digital Libraries Search Course** King Saud University, Saudi Arabia (2011, 10 hours)
- 24. **Basic Molecular Biology Training Course** Central Laboratory, King Saud University, Saudi Arabia (2011, 32 hours)

- 25. **Cell Lysis & Protein Extraction Training Course** Department of Zoology, King Saud University, Saudi Arabia (2011)
- 26. First Annual University Teaching Forum King Saud University, Saudi Arabia (2011)
- 27. **Scientific Research Skills** King Saud University, Saudi Arabia (2011)
- 28. **Uses of ISI Web of Knowledge** (15/11/2011)
- 29. How to Write a Scientific Paper (18/12/2011)
- 30. Budget Preparation: Research Costs and Funding Sources (20/12/2011)
- 31. Reference Selection and Poster Preparation (25/12/2011)
- 32. Research Ethics (27/12/2011)
- 33. Faculty Development Course King Saud University, Saudi Arabia (2010)
- 34. Smart Board for Learning King Saud University, Saudi Arabia (2010)
- 35. Introduction to Graduate Studies Regulations and Students' Rights and Responsibilities Graduate Studies Deanship, King Saud University, Saudi Arabia (2010)
- 36. **Academic Advising Workshop** Department of Botany and Microbiology, King Saud University, Saudi Arabia (2010)
- 37. **SPSS Training** King Saud University, Saudi Arabia (2009, 2 days)
- 38. **Strategic Research Plan Workshop (Al-Masbar)** King Saud University, Saudi Arabia (2009, 1 day)
- 39. **Curriculum Update Feedback Workshop** Department of Botany and Microbiology, King Saud University, Saudi Arabia (2009)

## **Conferences and Scientific Sessions:**

- 2nd European Congress on Microbiology November 20-21, 2023, Vienna, Austria (Oral Presentation)
- **5th M4 Meeting** September 13-14, 2018, University of Warwick, UK (Oral Presentation)
- Microbiology Society Annual Conference 2018 April 10-13, International Conference Centre (ICC), Birmingham, UK (Poster Presentation)
- 19th International Conference of Campylobacter, Helicobacter and Related Organisms (CHRO) September 10-14, 2017, Nantes, France (Poster Presentation)
- Microbiology Society Annual Conference 2017 April 3-6, Edinburgh International Conference Centre (EICC), Edinburgh, UK (Poster Presentation)
- Microbiology Society Annual Conference 2016 March 21-24, Arena and Convention Centre (ACC), Liverpool, UK (Attendance)

- 3rd M4 Meeting (Midlands Molecular Microbiology Meeting) September 2016, University of Leicester, UK (Poster Presentation)
- 2nd M4 Meeting (Midlands Molecular Microbiology Meeting) September 2015, University of Nottingham, UK (Attendance)
- **5th Saudi Science Conference** April 16-18, 2012, Umm Al-Qura University, Makkah, Saudi Arabia
- Preparatory Meeting of the First Scientific Conference for Students of Higher Education 2009, Riyadh, Saudi Arabia

#### **Memberships in Scientific Associations:**

• British Society for Microbiology

## **Published Research:**

- 1. Kalpana, VN; Alarjani, Khaloud Mohammed; Rajeswari, V Devi; (2020). Enhancing malaria control using *Lagenaria siceraria* and its mediated zinc oxide nanoparticles against the vector Anopheles stephensi and its parasite *Plasmodium falciparum*. Scientific Reports, 10.0(1), 21568. Nature Publishing Group UK London.
- 2. Sakthi Mohan, Priyadarshini; Sonsuddin, Faridah; Mainal, Azizah Binti; Yahya, Rosiyah; Venkatraman, Gopinath; Vadivelu, Jamuna; Al-Farraj, Dunia A; Al-Mohaimeed, Amal M; Alarjani, Khaloud Mohammed; (2021). Facile in-situ fabrication of a ternary ZnO/TiO2/Ag nanocomposite for enhanced bactericidal and biocompatibility properties. Antibiotics, 10.0(1), 86. MDPI.
- 3. Elshikh, Mohamed S; Alarjani, Khaloud Mohammed; Huessien, Dina S; Elnahas, Hamzah AM; Esther, Antonyrajan Roshini; (2022). Enhanced Biodegradation of Chlorpyrifos by Bacillus cereus CP6 and *Klebsiella pneumoniae* CP19 from municipal waste water. Environmental Research, 205.0, 112438. Elsevier.
- 4. Janani, B; Alarjani, Khaloud Mohammed; Raju, Lija L; Thomas, Ajith Mesmin; Das, Arunava; Khan, S Sudheer; (2020). A potent multifunctional Ag/Copolyvinylpyrrolidone nanocomposite for enhanced detection of Cr (III) from environmental samples and its photocatalytic and antibacterial applications. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 243.0, 118766. Elsevier.
- 5. Leslie, VA; Alarjani, Khaloud Mohammed; Malaisamy, Arunkumar; Balasubramanian, Balamuralikrishnan; (2021). Bacteriocin producing microbes with

- bactericidal activity against multidrug resistant pathogens. Journal of Infection and Public Health, 14.0(12), 1802-1809. Elsevier.
- 6. Alarjani, Khaloud Mohammed; Almutairi, Abeer M; Raj, Subhanandharaj Russalamma Flanet; Rajaselvam, Jayarajapazham; Chang, Soon Woong; Ravindran, Balasubramani; (2021). Biofilm producing indigenous bacteria isolated from municipal sludge and their nutrient removal ability in moving bed biofilm reactor from the wastewater. Saudi Journal of Biological Sciences, 28.0(9), 4994-5001. Elsevier.
- 7. **Alarjani**, **Khaloud** M; Almutairi, Abeer M; AlQahtany, Fatmah S; Soundharrajan, Ilavenil; (2021). Methicillin and multidrug resistant pathogenic *Staphylococcus aureus* associated sepsis in hospitalized neonatal infections and antibiotic susceptibility. Journal of infection and public health, 14.0(11), 1630-1634. Elsevier.
- **8.** Yehia, Hany M; Elkhadragy, Manal F; Aljahani, Amani H; **Alarjani**, **Khaloud** M; (2020). Prevalence and antibiotic resistance of *Listeria monocytogenes* in camel meat. Bioscience Reports, 40.0(6), BSR20201062. Portland Press Ltd.
- 9. Princy, S Smonia Joe; Sherin, JF Joe; Vijayakumar, C; Hentry, C; Bindhu, MR; Alarjani, Khaloud Mohammed; Alghamidi, Nadaa Saeid; Hussein, Dina S; (2022). Detection of heavy metals, SERS and antibacterial activity of polyvinylpyrolidone modified plasmonic nanoparticles. Environmental Research, 210.0, 112883. Elsevier.
- 10. Sherin, JF Joe; Bessy, TC; Asha, S; Kumar, C Vijaya; Huessien, Dina; Bindhu, MR; Rasheed, Rabab Ahmed; **Alarjani**, **Khaloud** Mohammed; (2022). Microwave assisted hydrothermally synthesized cobalt doped zinc ferrites nanoparticles for the degradation of organic dyes and antimicrobial applications. Environmental Research, 208.0, 112687. Elsevier.
- 11. Al-Dhahli, Aaisha S; Al-Hassani, Fatema A; **Alarjani**, **Khaloud** Mohammed; Yehia, Hany Mohamed; Al Lawati, Wafa M; Azmi, Syed Najmul Hejaz; Khan, Shah Alam; (2020). Essential oil from the rhizomes of the Saudi and Chinese Zingiber officinale cultivars: Comparison of chemical composition, antibacterial and molecular docking studies. Journal of King Saud University-Science, 32.0(8), 3343-3350. Elsevier.
- 12. Salem, Fatma Elzahraa; Yehia, Hany Mohamed; Korany, Shereen Magdy; Alarjani, Khaloud Mohammed; Al-Masoud, Abdulrahman Hamad; Elkhadragy, Manal Fawzy; (2022). Neurotherapeutic effects of prodigiosin conjugated with silver-nanoparticles in rats exposed to cadmium chloride-induced neurotoxicity. Food Science and Technology, 42.0, e97322. Sociedade Brasileira de Ciência e Tecnologia de Alimentos.

- 13. Hadibarata, Tony; Alarjani, Khaloud Mohammed; Al-Mohaimeed, Amal M; (2022). Biotransformation of Anthraquinone Dye by Microbial Enzymes. Biological Approaches in Dye-Containing Wastewater: Volume 2, 87-106. Springer Singapore.
- 14. Priyadarshini, Supriya; Sonsudin, Faridah; Mainal, Azizah; Yahya, Rosiyah; Gopinath, Venkatraman; Vadivelu, Jamuna; **Alarjani**, **Khaloud** Mohammed; Al Farraj, Dunia A; Yehia, Hany Mohamed; (2021). Phytosynthesis of biohybrid nano-silver anchors enhanced size dependent photocatalytic, antibacterial, anticancer properties and cytocompatibility. Process Biochemistry, 101.0, 59-71. Elsevier.
- 15. Aljahani, Amani H; Alarjani, Khaloud M; Hassan, Zeinab K; Elkhadragy, Manal F; Ismail, Elsayed A; Al-Masoud, Abdulrahman H; Yehia, Hany M; (2020). Molecular detection of methicillin heat-resistant *Staphylococcus aureus* strains in pasteurized camel milk in Saudi Arabia. Bioscience reports, 40.0(4), BSR20193470. Portland Press Ltd.
- **16. Alarjani**, **Khaloud** M; Skalicky, Milan; (2021). Antimicrobial resistance profile of *Staphylococcus aureus* and its in-vitro potential inhibition efficiency. Journal of Infection and Public Health, 14.0(12), 1796-1801. Elsevier.
- 17. Suriyakala, Gunasekaran; Sathiyaraj, Sivaji; Babujanarthanam, Ranganathan; Alarjani, Khaloud Mohammed; Hussein, Dina S; Rasheed, Rabab Ahmed; Kanimozhi, K; (2022). Green synthesis of gold nanoparticles using *Jatropha integerrima Jacq*. flower extract and their antibacterial activity. Journal of King Saud University-Science, 34.0(3), 101830. Elsevier.
- 18. Baker, Abu; Ahmad, Bilal; Alarjani, Khaloud Mohammed; saleem Aldosri, Noura; Khan, Mohd Sajid; (2021). Biostimulation of Rhodovulum sp., for enhanced degradation of di-n-butyl phthalate under optimum conditions. Chemosphere, 266.0, 128998. Elsevier.
- **19. Alarjani**, **Khaloud** Mohammed; Huessien, Dina; Rasheed, Rabab Ahmed; Kalaiyarasi, M; (2022). Green synthesis of silver nanoparticles by *Pisum sativum* L.(pea) pod against multidrug resistant foodborne pathogens. Journal of King Saud University-Science, 34.0(3), 101897. Elsevier.
- **20.** Yehia, Hany M; Al-Masoud, Abdulrahman H; **Alarjani**, **Khaloud** M; Alamri, Mohamed S; (2020). Prevalence of methicillin-resistant (mecA gene) and heat-resistant *Staphylococcus aureus* strains in pasteurized camel milk. Journal of dairy science, 103.0(7), 5947-5963. Elsevier.
- 21. Ramasubramanian, Ramakrishnan; Karthi, Sengodan; Senthil-Nathan, Sengottayan; Sivanesh, Haridoss; Shyam Sundar, Narayanan; Stanley-Raja, Vethamonickam;

- Ramkumar, Govindaraju; Chanthini, Kanagaraj Muthu-Pandian; Vasantha-Srinivasan, Prabhakaran; **Alarjani**, **Khaloud** Mohammed; (2023). Effect of bacterial toxin identified from the *Bacillus subtilis* against the *Cnaphalocrocis medinalis Guenée* (Lepidoptera: Crambidae). Toxin Reviews, 42.0(1), 264-274. Taylor & Francis.
- **22. Alarjani**, **Khaloud** M; Elkhadragy, Manal F; Al-Masoud, Abdulrahman H; Yehia, Hany M; (2021). Detection of *Campylobacter jejuni* and *Salmonella typhimurium* in chicken using PCR for virulence factor hipO and inv A genes (Saudi Arabia). Bioscience Reports, 41.0(9), BSR20211790. Portland Press Ltd.
- 23. Govindarajan, Rasiravathanahalli Kaveriyappan; Mathivanan, Krishnamurthy; Khanongnuch, Chartchai; Srinivasan, Rajendran; Unban, Kridsada; Deepak, Arulanandam Charli; Al Farraj, Dunia A; Alarjani, Khaloud Mohammed; Al Qahtany, Fatmah S; (2021). Tannin acyl-hydrolase production by *Bacillus subtilis* KMS2-2: Purification, characterization, and cytotoxicity studies. Journal of King Saud University-Science, 33.0(3), 101359. Elsevier.
- 24. Mahmoud, Ahmed Hossam; Farah, Mohammad Abul; Rady, Ahmed; Alanazi, Khalid Mashai; Mohammed, Osama; Amor, Nabil; Alarjani, Khaloud Mohammed; (2020). Molecular characterization of goats from Saudi Arabia using microsatellite markers. Journal of King Saud University-Science, 32.0(2), 1681-1686. Elsevier.
- **25. Alarjani**, **Khaloud** M; Elkhadragy, Manal F; Al-Masoud, Abdulrahman H; Yehia, Hany M; (2021). Detection of *Campylobacter jejuni* and *Salmonella typhimurium* in chicken using PCR for virulence factor hipO and invA genes (Saudi Arabia). Bioscience Reports, 41.0(9), nan. nan.
- **26.** Fady, Marwa; Rizwana, Humaira; **Alarjani**, **Khaloud** Mohammed; Alghamdi, Mai Ahmed; Ibrahim, Shebl Salah; Geyer, Jessica; Abbas, Ahmad; (2023). Evaluation of antibiofilm and cytotoxicity effect of *Rumex vesicarius* methanol extract. Open Chemistry, 21.0(1), 20220286. De Gruyter.
- 27. Sayed, Amal SM; Ibrahim, Ahmed I; Sobhy, Mona M; Elmahallawy, Ehab Kotb; Alsowayeh, Noorah; Alarjani, Khaloud Mohammed; El-Khadragy, Manal F; Youseef, Asmaa Gahlan; (2023). Circulation of thermophilic *Campylobacter* in pigeons, turkeys, and humans at live bird markets in Egypt. Frontiers in Veterinary Science, 10.0, 1150077. Frontiers Media SA.
- 28. Shah, Razaullah; Sarosh, Ifrah; Shaukat, Rabia; Alarjani, Khaloud Mohammed; Rasheed, Rabab Ahmed; Hussein, Dina S; Hussain, Kifayat; Ali, Khunsha Anosh; Khan, Sayab; Khan, Muhammad Kamil; (2023). Antimicrobial activity of AgNO 3

- nanoparticles synthesized using *Valeriana wallichii* against ESKAPE pathogens. Pakistan Journal of Pharmaceutical Sciences, 36.0, nan.
- 29. Alshammari, Abeer; Abdulmawla, Sabaa T; Alsaigh, Reem; Alarjani, Khaloud Mohammed; Aldosari, Norah Salim; Muthuramamoorthy, Muthumareeswaran; Assaifan, Abdulaziz K; Albrithen, Hamad; Alzahrani, Khalid E; Alodhayb, Abdullah N; (2023). Toward the real-time and rapid quantification of bacterial cells utilizing a quartz tuning fork sensor. Micromachines, 14.0(6), 1114. MDPI.
- **30.** Priya, P Snega; Kumar, Rajendran Saravana; Gawwad, Mohamed Ragab Abdel; **Alarjani**, **Khaloud** Mohammed; Elshikhe, Mohamed S; Namasivayam, S Karthick Raja; Arockiaraj, Jesu; (2023). Azadiradione (AZD) neem biomass derived limonoid: extraction, characterization, and potential biological activities with special reference to anti-microbial and anti-cancer activities. South African Journal of Botany, 158.0, 405-416. Elsevier.
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