

1)- PERSONAL DETAILS

Name: Khalid Mashay Alanazi

Nationality: Saudi

Marital status: Married, 4 children

Address: Zoology Department, Faculty of Science, King Saud University.

Websites <http://fac.ksu.edu.sa/kalanzi>

Researchgate <https://www.researchgate.net/profile/Khalid-Alanazi-5>

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2)- ACADEMIC QUALIFICATIONS

Bachelor of science:

Major: Zoology (1996), King Saud University – Riyadh – KSA.

MSc in Genetics, Cytology and Histology:

Major: Zoology, Minor: Genetics, Title of Master's Thesis: 'The Teratogenic Toxic, Antifertility and Cytogenetic Effects of Cyclophosphamide in the SWR/J Mice" (2002), King Saud University – Riyadh – KSA.

PhD in Genetics:

Ph.D. in Zoology, Major: Zoology, Minor: Genetics, Title of Doctoral Dissertation: "Developmental Toxicity and Cytogenetic Effects of the Anticancer Drug, Heptaplatin, on the Embryos of Laboratory Mice. " (2009), King Saud University – Riyadh – KSA.

3)- JOB HISTORY:

Teacher:

In The Clinical Laboratory Department, Riyadh College of Health Science, Ministry of Health. Al-Ahssa 1/6/1417- 9/08/1419.

Teacher:

In The Clinical Laboratory Department, Riyadh College of Health Science, Ministry of Health. Riyadh 10/8/1419-27/10/1423.

Lecturer:

In The Clinical Laboratory Department, Riyadh College of Health Science, Ministry of Health. Riyadh 28/10/1423-20/06/1430.

Assistance Professor:

In the Clinical Laboratory Department, Riyadh College of Health, King Saud University. Riyadh 21/6/1430-04/03/1433.

Assistance Professor:

In the Zoology Department, College of Science, KSU ,05/03/1433 – 1430 - 16/03/1438.

Associate Professor

In the Zoology Department, College of Science, KSU 16/03/1438– present.

Professor

In the Zoology Department, College of Science, KSU 1444– present.

4)- TEACHING EXPERIENCE

I)- At Al-Ahsa and Riyadh College of Health Science:

1. General Biology (1ST year, undergraduate).
2. Histocytotechnology 1 (3rd year, undergraduate).
3. Histocytotechnology 2 (3rd year, undergraduate).
4. Microbiology (3rd year, undergraduate).
5. Parasitology (3rd year, undergraduate).
6. Physiology (1st year, postgraduate).
7. Graduation Project (3RD year, undergraduate).

II) - At King Saud University

1. Human Genetics Zoo 458
2. Graduation Project Zoo 498
3. General Zoology Zoo 103
4. Basic of Genetics 352 Zoo
5. Cell biology & Physiology Zoo242
6. Histology Zoo 245
7. Genetic Engineering Zoo 455
8. Quantitative and Population Genetics Zoo 552
9. Research project Zoo 599
10. Advanced Cytogenetics ZOO 556
11. Advanced Genetics Zoo 551
12. Developmental Genetics Zoo 554
13. Selected Topics in Biology, Histology, and Genetics Zoo 558
14. Selected Topics in Cell Biology, Genetics, and Histology Zoo 558
15. Advanced Cell Physiology Zoo 532
16. Molecular Genetics Zoo 651
17. Research project Zoo 699
18. Dissertation Zoo 700

5)- RESEARCH INTERESTS

1. Dr Alanazi's research interests are in the area of Toxic, Teratogenic, Growth Suppressing, Antifertility and Cytogenetic Effects of some Anti-Cancer or herbs Drugs on laboratory animal and cell lines.

Languages: Arabic and English.

5)- Supervision of PhD Thesis:

1- PhD student: Ali Bin Abdullah Al-Mareed (2015 - 11/2/2019)

Title: Protective Effect of Capparis spinosa Extract from Oxidative Stress, Genotoxicity and Cytotoxicity Induced by Potassium Bromate in Laboratory Mice.

2- PhD student: Walled Ali Helan (2017 – 2023)

Title: Effect of Biosynthesized Silver Nanoparticles Using Schinus molle Extract on Human Liver Cancer Cells.

3- PhD student: Ahmed Ali Mohammed Kawmani (2017 - 2020)

Title: Potential of Inducing DNA Damage and Apoptosis in Mice and MCF-7 Cell Line by Biosynthesized Silver Nanoparticles.

4- PhD student: Ahmed Qasem Saleh Ali, student ID 431106504 (2018 - until now)
Title: "Gene Expression Profiling of Colorectal Carcinoma Cell Line HCT-116 Exposed to Emetine and its Binding Affinity with Regulatory Proteins Related to Cell Cycle"

5- PhD student : Mohammed Arafah , student ID 443106156 (2023 - until now)
Title: Effect of protodioscin in improving fertility in male diabetic mice.

6- PhD student: Amal AlDoghamy, student ID 443203701 (2023 - until now)
Title: Evaluation of transcriptome changes in colorectal carcinoma cells upon treatment with antiangiogenic agent ramucirumab.

7)- Supervision of Masters Thesis:

- 1- Student name: Mhammed jabr aljead (2014 -2018)
Title: Cytotoxic Teratogenic and Suppressing Effect of Bisphenol- A (BPA) on Embryos and Fetuses of Laboratory Mice.
- 2- Abdurrahman Alradady (2019 - 2023)
Title: The potential Embryotoxic, Teratogenic and Cytogenetic Effects of Azithromycin, in SWR/J Mice
- 3- Waleed Algeriafi (2019 - 2023)
Title: Detection of apoptotic mechanisms induced by digitoxin in colorectal carcinoma cells by transcriptome sequencing (RNA-seq) technique.
- 4- Amal Albogamy (2023 - until now)
- 5- Rahaf Altehab (2023 - until now)

8)- CONFERENCES, PROGRAMS AND SEMINARS:

1. Attending a course on Deriving Program Learning Outcomes from the National Qualifications Framework. 24/11/2025.
2. Attending a course on Artificial Intelligence and its Applications in Education, , King Saud University. 2/12/ 2024.
2. Participating with a poster in the Scientific Poster Exhibition for graduation research for undergraduate students, in the presence of the Vice President for Educational and Academic Affairs, which held in the sixteenth week of the first semester of the academic year 1446 AH.
3. Attending a course on Visual Notation in Notation and Learning, , King Saud University, 29/3 2023.
3. Participated in "the International Saudi Falcons and Hunting Exhibition" ,2023.
4. Visual notation in teaching and learning Program, King Saud University, 29/3/2023.
- 5- Attended the International Conference and Exhibition for Science, Riyadh Saudi Arabia 6/8/2023.
6. Trended The 5th Form of Local Ethics committees (IRBs) members at king abdulaziz city for science and technology, 12 /9/2019.
7. Attended The training course for the IRB members at king abdulaziz city for science and technology, 12 /9/2019.
8. Leading skills of academic departments, King Saud University, 19-18/2/2018.

9. Attending the second Saudi International Biotechnology Conference– King Abdul-Aziz Science & Technology City, Riyadh 23-24/2/2016.
10. Attending the 39 the Human Genetics Society of Australasia Annual Scientific Meeting – Perth, Australia 8-11/8/2015.
11. Attending the Spss for statistical Analysis program, King Saud University, 9-10/2/2014.
12. Attending the International Conference of Biology, Ecology and Engineering – Toronto , Canada 20-21/6/2013.
13. Attending the second Saudi Conference of Nanotechnology – King Abdul-Aziz Science & Technology City, Riyadh 11-13/11/2012.
14. Attending the Third Saudi Science Conference" New Horizons in Science and Their Applications", Organized by the Ministry of Higher Education, 17-20/4/2012.
15. Attending the international Saudi Conference of Biotechnology – King Abdul-Aziz Science & Technology City, Riyadh 18-19/9/2012.
16. Attending the Annual Conference of the Armed Forces Medical Services, 5-26/1/2010.
17. Attending the first international conference of Biotechnology "Towards building a knowledgebase economy", King Saud University, Riyadh, 16-18/2/2009.
18. Attending the third Saudi conference of Science "New perspectives in science and its application" organized by King Saud University, college of Science, Riyadh, 10-13/3/2007.
19. Academic Publication in International Journals Program, King Saud University, 5-6/5/2012.
20. Incorporating technology into teaching (blackboard) Program, King Saud University, 13-15/10/2012.
21. Attending the Nanotechnology from theory to applied Seminar, King Abdul-Aziz Science & Technology City, 2016 11-13/11/2012.
22. Safe and comfortable learning environment Program, King Saud University, 2012.
23. Development of teaching portfolio Program, King Saud University, 2012.
24. Evaluating the performance of the students' skills Program, King Saud University, 2012.
25. Evaluating the learning outcomes Program, King Saud University, 2012.
26. Design and build the curriculum Program, "Concepts and Applications", King Saud University, 2012.
27. Effective Academic Teaching, King Saud University, 2012.
28. Microteaching Program, King Saud University, 27-28/3/2010.
29. Teaching based on specialization and educational research Program, King Saud University, 2012.
30. Active Learning Program, King Saud University, 15-17/11/2011.
31. Participate in "Sampling and the use of Scanning Electron Microscopy" Seminar, College of Science, King Saud University, 10-13/3/2007.
32. Training Program in department of diseased cells and tissues under supervision of Dr. Hamada Altabakh (Department's Consultant), Riyadh Care Hospital, 4/7-03/8/2008.
33. Attending the training program of DNA Research Chair (PCR Technology), college of Science, King Saud University, 10-12/1/2009.
34. English Program at British Council, 4 months, 1997.
35. English Program at Manchester Academy - UK, 12 months, 2010.
36. Academic leadership under change Program - Prince Naif Institute for Research and Consulting Services, 6-8/12/2009.
37. Learning Theory program, King Saud University, 2009.
38. Learning through work teams program, King Saud University, 2-3/11/2009.

39. "Improving my communication skills as a Teacher" training program within the creativity and excellence developing program for college members, 13-15/3/2012.
40. Training Active Teaching program, King Saud University, 2013.
41. Conference submitting and presentations program, King Saud University, 7-8/6/2010.
42. Fundamentals of Medical Research program within events of the Annual Conference of the Armed Forces Medical Services, 5-26/1/2010.

9)- COUNCILS & BOARDS AND COMMITTEES

1. Chairman of the Courses Equalization Committee. Zoology Department. 2023- until now.
2. Member of the Academic Guidance Committee
3. Member of the Training and Community Relations .2024 until now.
4. Higher Committee of Department of Zoology 2021
5. Member of the Dean's Award Committee. 2023- until now.
2. Chairman of the Media and Partnership Community. 2023- until now.
2. Higher Committee for Academic Accreditation, Department of Zoology 2021.
3. Member of the Laboratory Committee, sciences collage, for one year 2020.
4. Member of the Departmental Cell Biology, Genetics and Histology Group, from 2000 till now.
5. Member of the Examination Committees for M. Sc. and PhD thesis. science College of Science. ksu
6. Academic advisor of graduate students: 6 master students and 5 PhD students.
7. Supervised a number of students' research projects, Zoology Department.
8. Member of Zoology department Bachelor's projects evaluation committee – 2013-until now.
9. Member of Zoology department Bachelor's graduation projects rewards committee – 2012.
10. Zoology department Bachelor's graduation research supervision – 2012.
11. Field training student's committee chief - the department of Medical Laboratory - College of Health Sciences, 2010.
12. Bachelor's graduation research supervision of the department of Medical Laboratory - College of Health Sciences, 2010.
13. The department of Medical Laboratory - College of Health Sciences, 2010.
14. Member of Exams committee of College of Health Sciences for two years, 1996.
15. Participate in some of temporary committees emerging from the department of Medical Labs Board - College of Health Sciences.
16. Member of the Students Affairs Committee 2016 to 2020.
17. Participate in some of temporary committees emerging from Zoology department.
18. Member of Committee for Safety/Zoology Department from 1436/03/02 to 1437/09/25.
19. Member of Committee for alumni (Pass outs) affairs and employment/ Zoology Department from 1435 /01/16to 1436/03/02.
20. Arbitrating promotion of faculty member to Associate Professor Degrees in King Khalid University 6/7/2020.
21. Member of Committee for Student Counseling/Zoology Department from 1437/03/05 to 1437/09/24.
22. Member of Committee for laboratory/ College of Science, KSU from 1436/03/02 to 1437/09/25.

23. Member of the Comprehensive Exam committee /Zoology Department, College of Science at KSU, 2021-2022. (From 19/04/1443).

10)- Financed projects as PI:

1. Research groups project. RGP.2019-2020.
2. Researchers Supporting Project number (RSP-2020/154), King Saud University, Riyadh, Saudi Arabia.
3. Researchers Supporting Project number (RSP-2021/154), King Saud University, Riyadh, Saudi Arabia.
4. Research groups project. RGP.2022-present.

11)- ORGANIZATIONS & SOCIETIES MEMBERSHIP:

1. Member of Saudi Biological Society, Saudi Arabia from 1436/05/14.
2. Member of Genetics Society, United Kingdom from 1436/12/09.

12)- Technical Expertise:

1. Abnormal development (mice and rat)
2. Histopathology
3. Routine microbiological techniques
4. Mass Spectrometry
5. Fluorescence based imaging
6. UV visible spectrophotometry
7. Flow cytometry
8. Western blotting
9. Chromosomal aberrations analyze
10. Micronucleus test
11. Comet Assay
12. Cell and Tissue culture
13. DNA, RNA isolation
14. Gel electrophoresis
15. DNA fragmentation
16. Apoptosis assay
17. Gene cloning and amplification

13)- Field of study

Molecular Genetics, Genotoxicity, Toxicology, Cancer, Abnormal development, Histopathology, Nanoparticles...

14)- Appreciation Certificates:

1. Appreciation certificate from College of Health Sciences vice Dean, on productive cooperation and meaningful participation in the completion of the tasks assigned to me at the Admission's Department, 1998.
2. Appreciation certificate from the Dean of the College of Health Sciences for participating in the College's examinations section, 1419.

3. Appreciation certificate from Dean of College of Health Sciences for my participation in organizing the 93rd National Day celebrations, 2023.

15)- Community Service Contributions

1. Participation in the National and Foreign Universities Forum held on Thursday, January 16, at Najd Schools, second semester January 16, 2025
2. Receiving a delegation from the "Gateway to the Kingdom of Saudi Arabia" program affiliated with the King Faisal Center for Research and Islamic Studies, second semester January 15, 2025
3. Participation in the meeting organized by the National Model Schools in the Al-Nuzha neighborhood entitled "University Major Selection Forum 2025", second semester February 2-6, 2025
4. Receiving a student delegation from the University of Applied Sciences in Vienna, second semester February 4, 2025
5. Holding cultural competitions for college students on the occasion of National Founding Day from 2022 until now
1. Member of the discussion committee for many master's and doctoral students from 2013 until now.

16)- Book and Chapter on Book

1. Yashashree Pradhan, Mohammad Abul Farah, Khalid Mashay Al-Anazi, and Ahmad Ali Traditional Knowledge, Bioactive Compounds, and Antidiabetic and Other Potential Response of Holy Basil (*Ocimum sanctum*) 2024.
2. Pallabi Banerjee, Khalid Mashay Al-Anazi, Mohammad Abul Farah, and Imteyaz Qamar Introduction to Cellular Senescence and Aging CHAPTER1 2025.

17)- LIST OF PUBLICATIONS:

1. Ansari, W. A., Krishna, R., Kashyap, S. P., **Al-Anazi, K. M.**, Abul Farah, M., Jaiswal, D. K., ... & Verma, J. P. (2025). Relevance of plant growth-promoting bacteria in reducing the severity of tomato wilt caused by *Fusarium oxysporum* f. sp. *lycopersici* by altering metabolites and related genes. *Frontiers in Microbiology*, 15, 1534761.
2. Kumar, Dinesh, **Khalid Mashay Al-Anazi**, Mohammad Abul Farah, and Ahmad Ali. "Role of Ascorbic Acid and Pyridoxal-5-Phosphate in the Prevention of Glucose-Induced Damage of Protein and DNA." *Natural Product Communications* 20, no. 2 (2025): 1934578X251319388.
3. Natarajan, Sathan Raj, Rajapandiyan Krishnamoorthy, Mohammad A. Alshuniaber, **Khalid Mashay Al-Anazi**, Mohammad Abul Farah, Ponnulakshmi Rajagopal, Chella Perumal

- Palanisamy, Vishnu Priya Veeraraghavan, and Selvaraj Jayaraman. "Identification of FOXM1 as a novel protein biomarker and therapeutic target for colorectal cancer progression: Evidence from immune infiltration and bioinformatic analyses." *International Journal of Biological Macromolecules* 282 (2024): 137201.
4. Hamdaoui, N., Benkirane, C., Bouaamali, H., Azghar, A., Mouncif, M., Maleb, A., Hammouti, B., **Al-Anazi, K.M.**, Kumar, P., Yadav, K.K. and Choi, J.R., 2024. Investigating lactic acid bacteria genus *Lactococcus lactis* properties: Antioxidant activity, antibiotic resistance, and antibacterial activity against multidrug-resistant bacteria *Staphylococcus aureus*. *Heliyon*, 10(11).
 5. Hanif, I., Naz, M., Tajammal, A., Ahmad, T., Hussain, S., Mustafa, Z., Yasmeen, G., Kiran, A., **Al-Anazi, K.M.**, Farah, M.A. and Islam, A., 2024. Coriandrum sativum mediated synthesis of Mn3O4 nanoparticles: structural and antibacterial studies. *Pol. J. Environ. Stud.*
 6. Rashid, E., Hussain, S. M., Ali, S., Sarker, P. K., Nasir, S., **Al-Anazi, K. M.**, & Nazish, N. (2025). New Insights into the Effects of Polystyrene Microplastics on Freshwater Fish, *Labeo rohita*: Assessment on Histopathology, Mineral Composition, Bioaccumulation and Antioxidant Activity. *Water, Air, & Soil Pollution*, 236(1), 6.
 7. Shahid, M., Singh, U. B., Farah, M. A., & **Al-Anazi, K. M.** (2024). Phyto-toxicological effect of fipronil to plant seedlings: Assessing germination attributes, root-tip morphology, oxidative stress, and cellular respiration indices. *Pesticide Biochemistry and Physiology*, 205, 106135.
 8. Shahid, M., Singh, U. B., Farah, M. A., & **Al-Anazi, K. M.** (2024). Short-term responses of identified soil beneficial-bacteria to the insecticide fipronil: toxicological impacts. *World Journal of Microbiology and Biotechnology*, 40(12), 1-22.
 9. Natarajan, Sathan Raj, Rajapandiyani Krishnamoorthy, Mohammad A. Alshuniaber, **Khalid Mashay Al-Anazi**, Mohammad Abul Farah, Ponnulakshmi Rajagopal, Chella Perumal Palanisamy, Vishnu Priya Veeraraghavan, and Selvaraj Jayaraman. "Identification of FOXM1 as a novel protein biomarker and therapeutic target for colorectal cancer progression: Evidence from immune infiltration and bioinformatic analyses." *International Journal of Biological Macromolecules* 282 (2024): 137201.
 10. Sharma, N., Kour, R., Verma, S., Sharma, V., Singh, D., Gandhi, S.G., Raja, V., Kaur, S., Kumar, N., **Al-Anazi, K.M.** and Farah, M.A., 2024. Growth inhibitory potential of quinone-rich fraction of *Plumbago zeylanica* L. Against MG-63 osteosarcoma cells via Bax/Bcl-2 modulation. *Journal of King Saud University-Science*, 36(9), p.103405.
 11. Balyan, P., Farah, M. A., **Al-Anazi, K. M.**, & Ali, A. (2024). Monosaccharide-Mediated Glycooxidation of Bovine Serum Albumin and Its Prevention by *Nigella sativa*. *ACS omega*, 9(40), 41722-41731.
 12. Hamdaoui, N., Benkirane, C., Bouaamali, H., Azghar, A., Mouncif, M., Maleb, A., Hammouti, B., **Al-Anazi, K.M.**, Kumar, P., Yadav, K.K. and Choi, J.R., 2024. Investigating lactic acid bacteria genus *Lactococcus lactis* properties: Antioxidant activity, antibiotic resistance, and antibacterial activity against multidrug-resistant bacteria *Staphylococcus aureus*. *Heliyon*, 10(11).
 13. Senthilnathan, S., Rajagopal, P., Krishnamoorthy, R., Alshuniaber, M. A., **Al-Anazi, K. M.**, Farah, M. A. & Gnanamani, A. (2024). Identifying the molecular mechanisms of action of wound healing properties of Mathan tailam and Mahamegarajanga tailam in Wistar albino rats: Evidence through IL-10/VEGF/TNF- α signalling pathways. *Acta Tropica*, 258, 107357.
1. Paramanya, A., Farah, M. A., **Al-Anazi, K. M.**, Devkota, H. P., & Ali, A. (2023). Exploring the Potential of *Spirulina* (*Arthrospira platensis*) Aqueous Extract in Preventing Glycation of Hemoglobin and pBR322 Plasmid. *Pharmacognosy Magazine*, 09731296231170959.
 2. Awas, M., Ahmed, I., Ahmad, S. M., **Al-Anazi, K. M.**, Farah, M. A., & Bhat, B. (2023). Integrative approach for validation of six important fish species inhabiting River Poonch of north-west Himalayan region. *Frontiers in Genetics*, 13, 1047436.
 3. Reshi, Q. M., Ahmed, I., **Al-Anazi, K. M.**, & Farah, M. A. (2023). Indexing hematological and serum biochemical reference intervals of Himalayan snow trout, *Schizothorax esocinus* to instrument in health assessment. *Frontiers in Physiology*, 14, 989442.
 4. Javed, S., Azeem, M., Mahmood, S., **Al-Anazi, K. M.**, Farah, M. A., Ali, S., & Ali, B. (2022). Biotransformation of Agricultural Wastes into Lovastatin and Optimization of a Fermentation Process Using Response Surface Methodology (RSM). *Agronomy*, 12(11), 2848.

5. Gurung, A. B., Ali, M. A., Lee, J., Farah, M. A., **Al-Anazi, K. M.**, & Sami, H. (2022). Molecular modelling studies unveil potential binding sites on human serum albumin for selected experimental and in silico COVID-19 drug candidate molecules. *Saudi Journal of Biological Sciences*, 29(1), 53-64.
6. Gurung, A. B., **Al-Anazi, K. M.**, Ali, M. A., Lee, J., & Farah, M. A. (2022). Identification of novel drug candidates for the inhibition of catalytic cleavage activity of coronavirus 3CL-like protease enzyme. *Current Pharmaceutical Biotechnology*, 23(7), 959-969.
7. Kumar, D., Shah, N., Al-Anazi, K. M., Farah, M. A., Ali, M. A., Lee, J., & Ali, A. (2022). Potential role of Tribulus terrestris fruit extract in inhibition of advanced glycation end products. *Pharmacognosy Magazine*, 18(78), 341.
8. Ali, M. A., **Al-Anazi, K. M.**, Ansari, W. A., & Lee, J. (2021). Plastome data analysis of Cucumis melo subsp. agrestis. *Bioinformation*, 17(6), 646.
9. **Alanazi, K. M.**, Farah, M. A., & Hor, Y. Y. (2021). Multi-targeted approaches and drug repurposing reveal possible SARS-CoV-2 inhibitors. *Vaccines*, 10(1), 24.
10. Hailan, W. A., **Al-Anazi, K. M.**, Farah, M. A., Ali, M. A., Al-Kawmani, A. A., & Abou-Tarboush, F. M. (2022). Reactive oxygen species-mediated cytotoxicity in liver carcinoma cells induced by silver nanoparticles biosynthesized using Schinus molle extract. *Nanomaterials*, 12(1), 161.
11. Alam, P., Tyagi, R., Farah, M. A., Rehman, M. T., Hussain, A., AlAjmi, M. F., **Al-Anazi, K. M.** ... & Mir, S. R. (2021). Cytotoxicity and molecular docking analysis of racemolactone I, a new sesquiterpene lactone isolated from Inula racemosa. *Pharmaceutical Biology*, 59(1), 941-952.
12. **Alanazi, K. M.**, Ali, M. A., Kim, S. Y., Rahman, M. O., Farah, M. A., Alhemaïd, F., ... & Lee, J. (2021). The cp genome characterization of Adenium obesum: Gene content, repeat organization and phylogeny. *Saudi Journal of Biological Sciences*, 28(7), 3768-3775.
13. Abukhalil, M. H., Hussein, O. E., Aladaileh, S. H., Althunibat, O. Y., Al-Amarat, W., Saghir, S. A. **Al-Anazi, K. M.**, ... & Mahmoud, A. M. (2021). Visnagin prevents isoproterenol-induced myocardial injury by attenuating oxidative stress and inflammation and upregulating Nrf2 signaling in rats. *Journal of Biochemical and Molecular Toxicology*, 35(11), e22906.
14. Abd El-Hamid, H.S., Shafi, M.E., Albaqami, N.M., Ellakany, H.F., Abdelaziz, N.M., Abdelaziz, M.N., Abd El-Hack, M.E., Taha, A.E., **Alanazi, K.M.** and Elbestawy, A.R., 2020. Sequence analysis and pathogenicity of Avian Orthoavulavirus 1 strains isolated from poultry flocks during 2015–2019. *BMC Veterinary Research*, 16(1), pp.1-15.
15. Abukhalil, M.H., Althunibat, O.Y., Aladaileh, S.H., Al-Amarat, W., Obeidat, H.M., Alayn'Al-marddyah, A., Hussein, O.E., Alfwuaires, M.A., Algefare, A.I., **Alanazi, K.M.** and Al-Swailmi, F.K., 2021. Galangin attenuates diabetic cardiomyopathy through modulating oxidative stress, inflammation and apoptosis in rats. *Biomedicine & Pharmacotherapy*, 138, p.111410.
16. Ahmed, A., Alfuraiji, M.M., Kandeal, S.A., Farah, M.A. and **Alanazi, K.M.**, 2018. Pubertal changes in testicular parameters and secretion of testosterone in Najdi and Naemi ram lambs under desert conditions. *Indian Journal of Animal Research*, 52(2), pp.212-219.
17. Alallah, M.I., Alhemaïd, F., Bai, F., Mothana, R.A., Elshikh, M.S., Farah, M.A., Ali, M.A., Lee, J. and **Al-Anazi, K.M.**, 2018. The binding proximity of methyl b-lilacinobioside isolated from Caralluma retrospiciens with topoisomerase II attributes apoptosis in breast cancer cell line.
18. **Alanazi, K.M.**, Ali, M.A., Kim, S.Y., Rahman, M.O., Farah, M.A., Alhemaïd, F., Elangbam, M., Gurung, A.B. and Lee, J., 2021. The cp genome characterization of Adenium obesum: Gene content, repeat organization and phylogeny. *Saudi Journal of Biological Sciences*.
19. **Al-Anazi, K.M.**, Al-Mareed, A.A., Farah, M.A., Ali, M.A., Hailan, W.A. and Al-Hemaïd, F.M., 2021. Protective Effect of Capparis spinosa Extract against Potassium Bromate Induced

Oxidative Stress and Genotoxicity in Mice. *Evidence-Based Complementary and Alternative Medicine*, 2021.

20. Al-Harbi, N.O., Nadeem, A., Al-Harbi, M.M., Zoheir, K.M., Ansari, M.A., El-Sherbeeney, A.M., **Alanazi, K.M.**, Alotaibi, M.R. and Ahmad, S.F., 2017. Psoriatic inflammation causes hepatic inflammation with concomitant dysregulation in hepatic metabolism via IL-17A/IL-17 receptor signaling in a murine model. *Immunobiology*, 222(2), pp.128-136.
21. Ali, A.Q., Farah, M.A., Abou-Tarboush, F.M., **Al-Anazi, K.M.**, Ali, M.A., Lee, J., Hailan, W.A. and Mahmoud, A.H., 2019. Cytogenotoxic effects of Adenium obesum seeds extracts on breast cancer cells. *Saudi journal of biological sciences*, 26(3), pp.547-553.
22. Ali, M.A., Farah, M.A., **Al-Anazi, K.M.**, Basha, S.H., Bai, F., Lee, J., Al-Hemaid, F., Mahmoud, A.H. and Hailan, W.A., 2020. In Silico Elucidation of the Plausible Inhibitory Potential of Withaferin A of Withania Somnifera Medicinal Herb Against Breast Cancer Targeting Estrogen Receptor. *Current pharmaceutical biotechnology*, 21(9), pp.842-851.
23. Ali, M.A., Farah, M.A., Lee, J., **Al-Anazi, K.M.** and Al-Hemaid, F., 2020. Molecular Insights into the Interaction of Ursolic Acid and Cucurbitacin from Colocynth with Therapeutic Targets of Mycobacterium tuberculosis. *Letters in Drug Design & Discovery*, 17(10), pp.1309-1318.
24. Ali, M.A., Pan, T.K., Gurung, A.B., Farah, M.A., Al-Hemaid, F., Alanazi, K.M., Elangbam, M., Lee, J., Pandey, S.K., Rahman, M.O. and Kim, S.Y., 2021. Plastome of Saraca asoca (Detarioideae, Fabaceae): Annotation, comparison among subfamily and molecular typing. *Saudi Journal of Biological Sciences*, 28(2), pp.1487-1493.
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