

# Curriculum Vita

## Reem Atalla Alajmi



### General Information

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| <b>Current position</b> | <b>Professor of Entomology, Zoology Department, Faculty of Science, King Saud University, Riyadh, Saudi Arabia</b> |
| <b>Nationality</b>      | <b>Saudi</b>   |
| <b>Address (Work)</b>   | <b>Zoology Department, Faculty of Science, King Saud University, Riyadh, Saudi Arabia</b>                          |
| <b>Tel (Work)</b>       | 0096611805853  |
| <b>Email</b>            | <a href="mailto:ralajmi@ksu.edu.sa">ralajmi@ksu.edu.sa</a>   |
| <b>Website</b>          | <a href="http://fac.ksu.edu.sa/ralajmi">http://fac.ksu.edu.sa/ralajmi</a>  |

### Education

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| <b>Ph.D</b>  | 2011, Zoology (Molecular Entomology), Department of Zoology, Science faculty, King Saud University, Riyadh, Saudi Arabia     |
| <b>M.Sc.</b> | 2005, Entomology (molecular Entomology), Department of Zoology, Science faculty, King Saud University, Riyadh, Saudi Arabia. |
| <b>B.Sc.</b> | 1997, Biology, Department of Biology, United Arab Emirates University, Al-Ain, United Arab Emirates.                         |

### Languages

- Arabic
- English

### Career History

**Vice dean of female students affairs in science collage**

2020- 2024: Faculty of Science, King Saud University, Riyadh, Saudi Arabia

**Vice dean asistente for postgraduate studies and scientific research**

2019- 6/2020: Faculty of Science, King Saud University, Riyadh, Saudi Arabia

**Deputy head of Zoology**

2014- 2019: Zoology department, Faculty of Science, King

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| <b>Department</b>           | Saud University, Riyadh, Saudi Arabia.  |
| <b>Professor</b>            | 10/2022: Zoology department, Faculty of Science, King Saud University, Riyadh, Saudi Arabia.    |
| <b>Associated Professor</b> | 2018: Zoology department, Faculty of Science, King Saud University, Riyadh, Saudi Arabia.       |
| <b>Assistant Professor</b>  | 2011- 2018: Zoology department, Faculty of Science, King Saud University, Riyadh, Saudi Arabia. |
| <b>Lecturer</b>             | 2008- 2011: Zoology department, Faculty of Science, King Saud University, Riyadh, Saudi Arabia. |
| <b>Administrator</b>        | 2001- 2008: Zoology department, Faculty of Science, King Saud University, Riyadh, Saudi Arabia. |

## Committees Participation

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| <b>Member in the Higher Committee of the Department of Zoology</b>  | 2025-present: Zoology Department, Faculty of Science, King Saud University, Riyadh, Saudi Arabia |
| <b>Member in the Graduates and Human Resources Committee</b>  | 2025-present: Zoology Department, Faculty of Science, King Saud University, Riyadh, Saudi Arabia |
| <b>The Permanent Advisory Committee for the Nomination of Vice Dean (male and female), Department Chairs, and Deputy Department Chairs (female)</b> | 2025-present: Faculty of Science, King Saud University, Riyadh, Saudi Arabia                     |
| <b>Member in the Committee of Study Plans and Learning Resources</b>  | 2025-present: Zoology Department, Faculty of Science, King Saud University, Riyadh, Saudi Arabia |
| <b>Member in the subcommittee on the Ethics of Animal and Plant Research</b>  | 2024-present: King Saud University, Riyadh, Saudi Arabia.  |
| <b>Member in the management committee of executive master's program in pure criminal science</b>  | 2020-2025: Faculty of Science, King Saud University, Riyadh, Saudi Arabia.                       |
| <b>Member in the research ethical approval committee</b>  | 2019- present: Naif Arab University for Security Sciences, Riyadh, Saudi Arabia                  |
| <b>Member in the quality management system review committee</b>   | 2023-2024: Faculty of Science, King Saud University, Riyadh, Saudi Arabia.                       |
| <b>Member in the human resources planning committee</b>   | 2022-2024: Faculty of Science, King Saud University, Riyadh, Saudi Arabia.                       |
| <b>Member in the students affairs committee</b>   | 2020-2024: Faculty of Science, King Saud University, Riyadh, Saudi Arabia.                       |

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| <b>Member in the implementation and follow-up of precautionary measures</b>   | 2020-2021: Faculty of Science, King Saud University, Riyadh, Saudi Arabia.                     |
| <b>The head of the postgraduate unite in Science faculty/ female section</b>  | 2019- 2020: Faculty of Science, King Saud University, Riyadh, Saudi Arabia                     |
| <b>Member in the interdisciplinary post graduate program committee</b>  | 2019- 2020: Faculty of Science, King Saud University, Riyadh, Saudi Arabia                     |
| <b>Member in the statistic committee</b>  | 2019- 2020: Zoology Department, Faculty of Science, King Saud University, Riyadh, Saudi Arabia |
| <b>Member in the Zoology department's steering committee</b>  | 2014- 2019: Zoology Department, Faculty of Science, King Saud University, Riyadh, Saudi Arabia |
| <b>Member in Arabic Scientific group for Forensic Entomology/ Arab Society for Forensic Science and Forensic Medicine</b> | 2018- 2021: Naif Arab university for security science, Riyadh, Saudi Arabia                    |
| <b>Member in office and labs distribution committee</b>   | 2015- 2019: Faculty of Science, King Saud University, Riyadh, Saudi Arabia                     |
| <b>Member in Annual budget distribution committee</b>   | 2015- 2018: Faculty of Science, King Saud University, Riyadh, Saudi Arabia                     |
| <b>Member in Alumni and humane resources committee</b>  | 2014- 2019: Zoology Department, Faculty of Science, King Saud University, Riyadh, Saudi Arabia |
| <b>Member in postgraduate committee</b>   | 2012- 2019: Zoology Department, Faculty of Science, King Saud University, Riyadh, Saudi Arabia |
| <b>Member in equipment, chemicals and consumables ordering committee</b>  | 2009- 2015: Zoology Department, Faculty of Science, King Saud University, Riyadh, Saudi Arabia |
| <b>Coordinator of monitoring program</b>  | 2011-02013: Faculty of Science, King Saud University, Riyadh, Saudi Arabia                     |

## Conferences & Workshops

| <b>Conference or workshop title</b>  | <b>Type of participation</b> | <b>Time</b>   | <b>Place</b>  |
|--|------------------------------|---------------|---|
| <b>The international exhibition of inventions in the Middle East (16)</b>                          | Poster                       | 8-11/2/2026   | Kuwait  |
| <b>training "Ibdaa ""participants at the Central Fairs in The National Olympiad for Scientific</b> | Trainer                      | 21-22/12/2025 | King Abdulaziz and His Companions Foundation for Giftedness and Creativity, |

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| <b>Creativity (Ibdaa 2026)</b>  |            |              | Riyadh, Saudi Arabia.  |
| <b>First International Forum on Mycology and Biotechnology</b>  | Poster     | 7-8/12/2025  | King Saud University, Riyadh, Saudi Arabia                           |
| <b>7<sup>th</sup> International Conference of the Arab Society of Forensic Science and Forensic Medicine 2025</b>                         | Attendance | 2-4/12/2025  | Naif Arab University For Security Sciences, Riyadh, Saudi Arabia     |
| <b>Workshop on Generative Artificial Intelligence in Research Writing: The Writing Phase</b>  | Attendance | 26/11/2025   | Online, King Saud University, Riyadh, Saudi Arabia                   |
| <b>Training courses in Personal strategy</b>  | Attendance | 9-10/11/2025 | Online, King Abdulaziz University                                    |
| <b>Workshop on GenAI in Scientific Research: Pre-Writing Stage</b>  | Attendance | 17/8/2025    | Online, King Saud University, Riyadh, Saudi Arabia                   |
| <b>Knowledge Forum for Plant Health under the theme: “Date Palms: Wealth and Development – Sustainable Management of Palms and Dates”</b> | Poster     | 31/8/2025    | AlQassim, Saudi Arabia   |
| <b>The Training Program on Artificial Intelligence Fundamentals for Non-Specialist University Faculty Members in Saudi Arabia</b>         | Attendance | 3-9/8/2025   | Online   |
| <b>Artificial Intelligence in Scientific Research: Modern Publishing Policies of Global Publishing Agents</b>                             | Attendance | 7/5/2025     | Online, King Saud University, Riyadh, Saudi Arabia                   |
| <b>Questions Writing Techniques workshop</b>  | Attendance | 21-22/4/2025 | Rosh Rayhaan Hotel, Riyadh, Saudi Arabia                             |
| <b>Training course on the preparation for Academic Accreditation Panel Visit and Files</b>  | Attendance | 20/2/2025    | King Saud University, Riyadh, Saudi Arabia                           |
| <b>Training course on Designing E-educational Materials</b>   | Attendance | 27/1/2025    | King Saud University, Riyadh, Saudi Arabia                           |
| <b>Training course for local ethical committees and researcher</b>  | Attendance | 14/1/2025    | King Abdulaziz City for Science and Technology, Riyadh, Saudi Arabia |
| <b>Training course on Artificial Intelligence and its Applications</b>  | Attendance | 20/1/2025    | King Saud University, Riyadh, Saudi Arabia                           |

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| <b>in Education</b>  |                       |               |   |
| <b>The Seven Principles of Excellence in Teaching training course</b>  | Attendance            | 1/10/2024     | King Saud University, Riyadh, Saudi Arabia  |
| <b>“Students' Different Personality Types and Styles” training course</b>  | Attendance            | 27/8/2024     | King Saud University, Riyadh, Saudi Arabia  |
| <b>5th International Conference on Biological, Biomedical Sciences, Biotechnology, and Applications (BBSBA2024)</b>  | Advisory board member | 25-26/7/2024  | University of Vienna, Austria   |
| <b>Funamentals of International Cooperation in Research</b>  | Attendance            | 20/3/2024     | King Saud University, Riyadh, Saudi Arabia  |
| <b>The 3rd international conference of collage of Applied Medical Science</b>  | Attendance            | 14-15/2/2024  | King Saud University, Riyadh, Saudi Arabia  |
| <b>Future of health care and longevity</b>   |                       |               |   |
| <b>Workshop to train creativity trainers from the ministry of education on the foundation of scientific research</b> | Presenter             | 5-6/9/2023    | Online, King Adulaziz and his companions foundation for Giftedness and Creativity (Mawhiba) |
| <b>International conference and exhibition for Science</b>   | Organizer             | 6-8/2/2023    | King Saud University, Riyadh, Saudi Arabia  |
| <b>Workshope for training students nominating to participate in the final exhibition in Ibdaa 2023</b>               | Trained               | 2023          | Sabic, Riyadh, Saudi Arabia   |
| <b>The seventh Forum of Local Committees for Research Ethics</b>   | Attendance            | 22/12/2022    | Online- King Abdulaziz city for science and technology                                      |
| <b>Understanding and leading others workshop</b>   | Attendance            | 12-14/12/2022 | King Saud University, Riyadh, Saudi Arabia  |
| <b>The academic leaders forum</b>  | Attendance            | 6/11/2022     | King Faisl hall for conference, Riyadh, SA.   |
| <b>The fifthe international conference of the Arab society for forensic science and forensic medicine</b>            | Oral presentation     | 24/11/2021    | Naif Arab university for security science   |
| <b>The Sixth Forum of Local Committees for Research Ethics and Training Course</b>                                   | Attendance            | 18/11/2021    | Online  |
| <b>Knowledge integration forum (Mentorship)</b>  | Oral presentation     | 23/11/2020    | Online conference   |

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| <b>Digital World Congress of Forensic Entomology</b>  | Attendance                        | 15-18/9/2020          | Online conference   |
| <b>PH425x: MalariaX: Defeating Malaria from the Genes to the Globe. Online course.</b>                | Attendance                        | 4/5/2020-10/5/2020    | Online course<br>Harvard university                             |
| <b>Lab Animal Research (wildlife research) Online course</b>  | Attendance                        | 7/5/2020              | Online course<br>CITI program                                   |
| <b>Lab Animal Research (reducing pain and distress in laboratory mice and rats) Online course</b>     | Attendance                        | 6/5/2020              | Online course<br>CITI program                                   |
| <b>Animal Biosafety online course</b>   | Attendance                        | 6/5/2020              | Online course<br>CITI program                                   |
| <b>GCC Forensic conference and Exhibition</b>   | Oral presentation                 | 13-14/11/2019         | Gulf hotel, Bahrain   |
| <b>Workshop in Quality Assurance in criminal DNA analysis, comparison of present and future</b>       | Attendance                        | 28/11/2018            | Naif Arab University for Security Science- Riyadh, Saudi Arabia |
| <b>Workshop in Guidelines: Go ahead and build a manual for best practices in handwriting scanning</b> | Attendance                        | 27/11/2018            | Naif Arab University for Security Science- Riyadh, Saudi Arabia |
| <b>The 4th international conference on forensic Sciences</b>  | Oral presentation in the workshop | 27-29/11/2018         | Naif Arab University for Security Science- Riyadh, Saudi Arabia |
| <b>The 4th international conference on forensic Sciences</b>  | Poster                            | 27-29/11/2018         | Naif Arab University for Security Science- Riyadh, Saudi Arabia |
| <b>Program in Course Specification and Report</b>   | Attendance                        | 7-8/11/2018           | King Saud University, Riyadh, Saudi Arabia                      |
| <b>Developing Woman Leaderships for Departments Vice Chair</b>  | Attendance                        | 23/1/2018<br>6/5/1439 | King Saud University, Riyadh, Saudi Arabia                      |
| <b>Thinking skills and integrating into curriculum</b>  | Attendance                        | 14/11/2017            | King Saud University, Riyadh, Saudi Arabia                      |
| <b>32rd meeting of Saudi Biological Science</b>   | Oral presentation                 | 18-20/4/2018          | Um-Alqurah University- Makkah- Saudi Arabia                     |
| <b>Second Saudi International Conference of Forensic Medicine and Science</b>                         | Oral presentation                 | 5-8/3/2017            | InterContinental, Riyadh, Saudi Arabia                          |
| <b>Mechanisms of discovering</b>  | Attendance                        | 20/12/2016            | King Saud University,   |

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| <b>talented and creative and their teaching</b>                      |            |              | Riyadh, Saudi Arabia                       |
| <b>Fundamentals of Job evaluations</b>                               | Attendance | 24/3/2016    | King Saud University, Riyadh, Saudi Arabia |
| <b>SWOT workshop</b>   | Attendance | 9/3/2016     | King Saud University, Riyadh, Saudi Arabia |
| <b>The European Association for forensic Entomology 12th meeting</b> | Attendance | 6-9/5/2015   | University of Huddersfield, U.K.           |
| <b>HR planning in Academic Departments</b>                           | Attendance | 19/1/2014    | King Saud University, Riyadh, Saudi Arabia |
| <b>Woman leader in higher education</b>                              | Attendance | 8/12/2014    | Marriott hotel, Riyadh, Saudi Arabia       |
| <b>8th International Congress of Dipterology</b>                     | Attendance | 10-15/8/2014 | Potsdam, Germany                           |

## Community Services

| Type of participation   | Year | Organization  | Place                           |
|---|------|---|---------------------------------|
| <b>Judge in the Special Awards Committee in The National Olympiad for Scientific Creativity</b>                                     | 2026 | King Adulaziz and his companions foundation for Giftedness and Creativity (Mawhiba) | Riyadh, Saudi Arabia            |
| <b>Ethic in Scientific Research</b>   | 2025 | Weka  | Weka, Riyadh, Saudi Arabia      |
| <b>Judge in the Main Judging Committee in The National Olympiad for Scientific Creativity</b>                                       | 2025 | King Adulaziz and his companions foundation for Giftedness and Creativity (Mawhiba) | Riyadh, Almadinah, Saudi Arabia |
| <b>Presenting a lecture on the basics of conducting scientific research at the National Olympiad for Scientific Creativity 2025</b> | 2024 | King Adulaziz and his companions foundation for Giftedness and Creativity (Mawhiba) | Riyadh, Almadinah, Saudi Arabia |
| <b>Judge in the Main Judging Committee in The National Olympiad for Scientific Creativity</b>                                       | 2024 | King Adulaziz and his companions foundation for Giftedness and Creativity (Mawhiba) | Riyadh, Almadinah, Saudi Arabia |
| <b>Judge in the Main Judging Committee in The National Olympiad for Scientific Creativity</b>                                       | 2023 | King Adulaziz and his companions foundation for Giftedness and Creativity (Mawhiba) | Riyadh, Almadinah, Saudi Arabia |
| <b>Judge in the Main Judging Committee in The National Olympiad for Scientific Creativity</b>                                       | 2022 | King Adulaziz and his companions foundation for Giftedness and Creativity (Mawhiba) | Riyadh, Almadinah, Saudi Arabia |

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| <b>Lecture on how to write your scientific research for school students who participate in the national olympiad for scientific creativity</b> | 2021       | King Abdulaziz and his companions foundation for Giftedness and Creativity (Mawhiba) | Online   |
| <b>Judge in the Main Judging Committee in The National Olympiad for Scientific Creativity</b>  | 2020, 2021 | King Abdulaziz and his companions foundation for Giftedness and Creativity (Mawhiba) | Online   |
| <b>Literature in forensic Entomology and its applications</b>  | 2019       | Deanship of library affairs in KSU   | Main library (female campus), KSU, Riyadh, Saudi Arabia      |
| <b>Workshop in DNA extraction from animal tissues and measuring the concentration and purity of extracted DNA</b>                              | 2019       | King Saud University   | Faculty of Science- Riyadh, Saudi Arabia                     |
| <b>Workshop in DNA extraction from animal tissues, PCR and Gel electrophoresis</b>   | 2019       | King Saud University   | Zoology department- Faculty of Science- Riyadh, Saudi Arabia |
| <b>Workshop in DNA extraction from animal tissues</b>  | 2018       | King Saud University   | Riyadh, Saudi Arabia   |
| <b>Judge in the Main Judging Committee in The National Olympiad for Scientific Creativity</b>  | 2016       | King Abdulaziz and his companions foundation for Giftedness and Creativity (Mawhiba) | Riyadh, Saudi Arabia   |
| <b>Judge in the Main Judging Committee in The National Olympiad for Scientific Creativity</b>  | 2015       | King Abdulaziz and his companions foundation for Giftedness and Creativity (Mawhiba) | Riyadh, Saudi Arabia   |
| <b>The head of the Judging Committee in The National Olympiad for Scientific Creativity</b>  | 30/1/2014  | King Abdulaziz and his companions foundation for Giftedness and Creativity (Mawhiba) | AlQassim, Saudi Arabia                                       |

## Patents and Awards

- Winning the gold medal for an invention at the international exhibition of inventions in the Middle East.2026
- Bee Venom Nanoparticles. United State Patent.
- Mangosteen Nanoparticles. United State Patent.
- Methanol extract of grape seed nanoparticles. United State Patent.
- GUAVA seed (PSIDIUM GUAJAVA) nanoparticles as antibacterial agents. United State Patent.
- Science Faculty Dean award for best deputy head among the departments of Science faculty- King Saud University in 2019.
- Shike Zaied Bin Sultan Al-Nehian award for graduate student with honor in Emirates University in 1998.

## Publications

Ahmed Allahem, **Reem Alajmi**, Mais Alzarzor Alajami, Sumaiah Al-Ghamdi, Muhammad Amjad Bashir, Jehan Zeb, Khaloud Mohammed Alarjani, Nawal M Al-Malahi, Rewaida Abdel-Gaber. (2025). Molecular Detection of natural bacterial flora within *Culex pipiens pipiens* (Diptera: Culicidae) in Aleppo, Syria. *Journal of Genetic Engineering and Biotechnology*. <https://doi.org/10.1016/j.jgeb.2025.100604>.

Emad Al-Ebshahy, Yassien Badr, Ramy E. El-Ansary, **Reem Alajmi**, Saeed El-Ashram, Alaa Rady, Emad Elgendy (2025). Molecular Detection and Genetic Characteristics of Equine Herpes viruses 1 and 4 in Egypt. *Veterinary Medicine International*. Online. <https://doi.org/10.1155/vmi/9719058>

**Reem Alajmi**, Afrah Alkhuriji, Hussah Alobaid, Mais Alzarzor Alajami, Amal Alzhrani, Nada Majrashi, Faten Alsaqabi, Hasnain Farooq, Rewaida Abdel-Gaber. (2025). Therapeutic Efficacy of Bee Venom Conjugated Silver Nanoparticles against Breast Cancer. *Indian Journal of Animal Research*. 1-5. Online

**R. Alajmi**, F. Alotaibi, M. Alkuriji, A. Alsagan, M. Alzahrani, S. Albasyouni, A. Bin Mujlli, J. Zeb, A. Altamimi. (2025). The nutritional value of *Chrysomya albiceps* larvae and pupae as alternative protein sources. *Journal of Insects as Food and Feed*. Online. DOI:10.1163/23524588-bja10289

Jehan Zeb, Haytham Senbill, Muhammad Kashif Obaid, Ren Qiaoyun, Mourad Ben Said, Muhammad Umair Aziz, Adil Khan, **Reem Alajmi**, Raquel Cossio-Bayugar, Karla Dzul-Rosado, Olivier Andre Sparagano. (2025). Epidemiology and Molecular Detection of Tick- Borne Rickettsiae in Hyalomma and Rhipicephalus Ticks Infesting Dogs and Sheep in Pakistan. *Zoonoses and Public Health*. Online. <https://doi.org/10.1111/zph.70002>

Luo T, Shen S, Sun Y, El-Ashram S, Zhang X, Liu K, Cao C, **Alajmi RA**, Deng S, Wu J, Zhang W, Zhang H. (2025). Identification and Analysis of Autophagy-Related Genes as Diagnostic Markers and Potential Therapeutic Targets for Tuberculosis Through Bioinformatics. *DNA and Cell Biology*, 44(2): 82-98.

Yacouba Poumachu, Michel Lontsi-Demano, Jehan Zeb, Joel Djoufounna, Borel Djiappi-Tchamen, Abeer Hashem, **Reem Atalla Alajmi**, hristelle Layelle Mochie, Herman Parfait Awono-Ambene, Christophe Antonio-Nkondjio, Timoléon Tchuinkam, Elsayed Fathi Abd-Allah. (2025). Trends in insecticide resistance in natural populations of *Culex quinquefasciatus* and its impact on mosquito fitness in Dschang, West Cameroon. *Parasitology Research*. 124:17. <https://doi.org/10.1007/s00436-025-08457-5>.

Alotaibi, F., Alkuriji, M., Ahmed, A., Almuhysh, F., Almannaa, S., Bashir, M.A., **Alajmi, R.** (2024). The Immature Stages of *Sarcophaga dux* (Diptera; Sarcophagidae): A

Proposed Nutritional Source for Poultry. Indian Journal of Animal Research. 59 (3): 445-450. doi: 10.18805/IJAR.BF-1852

Muhammad Saleem , Faisal Hussain, Muhammad Amjad Bashir, **Reem Aljami**, Hasnain Farooq, Suliman Mohammed Suliman Alghanem, Ibtisam Mohammed Alsudays, Fahad Mohammed Alzuaibr, Usama Ahmad Khan, Abdul Basit. (2024) . Species Diversity and Phytosociological Study of Herbaceous Layer of Rangeland Ecosystem. Polish Journal of Environmental studies. Online. DOI: 10.15244/pjoes/186936

A. Allahem, **R. Alajmi**, M. Alzarzor Alajami, S. El-Ashram, M.A. Bashir, R. Abdel-Gaber. (2024). Molecular detection of Leishmania species in Sand Flies by PCR-RFLP technique in refugee camps. Arquivo Brasileiro de Medicina Veterinária e Zootecnia.76 (4), e13178.

Junjie Wu, Langju Su, Guangmiao Ma, Yichen Wang, Yuhang Luo, Saeed EI-Ashram , **Reem Atalla Alajmi** and Zhili L. (2024). Impact of PEDV infection on the biological characteristics of porcine intestinal exosomes. Frontiers in Microbiology. 15. <https://doi.org/10.3389/fmicb.2024.1392450>.

Qaiser Khan, Asmathullah Kakar, Shajahan Shabir Ahmed, Kashif Kamran, Muhammad Amjad Bashir, Munaza Batool, Sagheer Atta, **Reem A Alajmi**. (2024). Temporal Dynamics and DNA Barcoding of Hymenoptera from Juniper Forest Ecosystem. Polish Journal of Environmental studies. 33 (4):1-9. On line. DOI: 10.15244/pjoes/176797.

Faisal Hussain, Farzana Usman, **Reem A Alajmi**, Muhammad Amjad Bashir. (2024). Application of Biocontrol Agents and Plants Extract Against Fungal Phytopathogens of Vegetable Crops. Polish Journal of Environmental studies. 33 (4):1-8. On line. DOI: 10.15244/pjoes/176044.

**Reem Alajmi**, Sadeem Aldakheel, Fahad Al Haidar, Mohammed Alkuriji, Fayeza Alotaibi, Mais Alajami, Saeed El-Ahram, Ashraf Ahmed, Durrie Arjoun, Rewaida Abdel-Gaber. (2024). Possibility of growing insect eggs on human cadavers preserved at sub-zero temperatures for different time intervals. Entomological Research. 54. e12712 <https://doi.org/10.1111/1748-5967.12712>

Afnan S. Al-Qurashi, Ashraf M. Mashaly, **Reem Alajmi**, Mohamed S. Al-Khalifa, Lamjed Mansour, Suliman Y. Al-Omar, Mostafa R. Sharaf, Abdulrahman S. Aldawood, Hathal M. Al-Dhafer, Tony Hunter, Masha'el Y. Almutawa, Ashraf M. Ahmed. (2023). A preliminary investigation of rabbit carcass decomposition and attracted ants (Hymenoptera: Formicidae) on the seaward coastal beach of Al-Jubail City, Saudi Arabia. Journal of Medical Entomology. Online. <https://doi.org/10.1093/jme/tjad162>.

Hend M Alharbi, Yasser A Elnakady, Badr A Aldahmash, **Reem Alajmi**, Zeid A ALOthman, Ahmed-Yacine Badjah-Hadj-Ahmed, Ahmad Aqel, Ashraf M Ahmed. (2023). Forensic analysis of mosquito blood meal digestion process and the impact of heroin opiate: determination of the post-feeding interval as a PMI estimation. Journal of Medical Entomology. Online. <https://doi.org/10.1093/jme/tjad153>.

Muhammad Salman Shaf, Naeem Iqbal, Muhammad Nadir Naqqash, Shafqat Saeed, Muhammad Usman, Allah DittaAbid, Muhammad Sohail Shahzad, Hasan Riaz, MuhammadAmjad Bashir & **Reem Atalla Alajmi**. (2023). Transgenerational effect Of Afdopyropen on *Bemisia tabaci Gennadius* (Homoptera: Aleyrodidae). Scientific reports. Online. <https://doi.org/10.1038/s41598-023-46479-0>.

Mohammed A. Alkuriji, Hala K. Kassar, **Reem A. Alajmi**, Isra M. Al-Turaiki,

- Majed S. Alorf, Nawal M. AL Malahi, Guillermo T. Isaias, Saeed El-Ashram, Noura J. Alotaibi, Dina M. Metwally.(2023). Phylogenetic and morphological determination of *Wohlfahrtia magnifica* (Schiner) (Diptera: Sarcophagidae), the myiasis flesh fly, in Riyadh, Saudi Arabia. *International Journal of Tropical Insect Science*. Online. <https://doi.org/10.1007/s42690-023-01081-9>.
- Sumaiah Al-Ghamdi, Mohamed A. Farrag, Rewaida Abdel-Gaber, Albandary Alrajeh, Saeed El-Ashram, Ommer Dafalla, Guillermo Tellez-Isaias, Mohammed Alkuriji , **Reem Alajmi**. (2023). Screening of the normal bacterial flora in the gut of *Aedes aegypti* Mosquito in Saudi Arabia. *Journal of King Saud University – Science*. 35: 102715. <https://doi.org/10.1016/j.jksus.2023.102715>.
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-**Translation of Breast Cancer Stem Cells and Therapy Resistance into Arabic language.**

- **Dictionary of Forensic Entomology. 2021. First edition. Naif Arab University for Security Science. Riyadh, Saudi Arabia.**

## Graduate Students Supervision

- **PhD Degree:**
- **As Co-supervisor: Asma Asiri**
- **As Co-supervisor: Dalal Alharbi .** Biological Efficiency of Entomopathogenic Fungal Endophyte against Cotton Mealybug in Tomato Plant.
- **As Co-supervisor: Hind Alharbi .** The Role of *Culex pipiens* mosquito in the Crime Scene Providing Physical Evidences for forensic investigation. Date of defensive committee: 22/5/2024.
- 
- **As main supervisor: Faiza Alotaibi.** Using Larvae and Pupae of *Chrysomya albiceps* and *Sarcophaga dux* as Food Source for Poultry.
- **As main supervisor: Sumaiah Algamdi.** Natural gut bacteria in *Aedes aegypti* mosquito its correlation and susceptibility to Dengue fever virus in Saudi Arabia. defensive committee: 16/8/2023
- **As Co-supervisor: Eman Alnabati.** Morphological and molecular characterization of parasites infecting blood of the Arabian Camel (*Camelus dromedarius*) in Riyadh and Eastern Regions, Saudi Arabia. defensive committee: 5/11/2022.
- **As main supervisor: Noura Alotaibi.** Molecular Diversity of Subterranean Termites (Order Isoptera) in Riyadh and Taif Cities, Saudi Arabia. Date defensive committee: 4/4/2019.
- **Master Degree:**

- **As main supervisor: Jumana Alosimi.** Morphological and Molecular Identification of *Oryctes* species and their Role in Transmitting Pathogenic Fungi to Date Palms in Al-Kharj and Al-Qassim regions, Saudi Arabia.
- **As main supervisor: Maria Alofi.** Thermal Effect on the Longevity, Morphological Characters, and Cuticular Hydrocarbons Composition of *Dermestes maculatus* Larval Instars.
- **As main supervisor: Faiza Alotaibi.** Age Estimation of *Chrysomya albiceps* Larval Instars by Studying Morphological Characters and the Composition of Cuticular Hydrocarbons at Different Temperatures.
- **As main supervisor: Zainab Abdullatif.** Effectiveness of *Chrysomaya albiceps* and *Musca domestica* Flies Larvae in Identifying Unknown Cadavers by Analyzing the Crop Contents.
- **As main supervisor: Mona Alshemmari.** The Effectiveness of Using Aphid Species Naturally Occurring on Tomato Plants as Heavy Metals Bioindicator in Hafar Al-Batin and Riyadh, Saudi Arabia.
- **As Co-supervisor: Shrooq Albasuni.** Prevalence and molecular identification of nasal myiasis causing larvae in sheep and goats in Riyadh, Saudi Arabia. Date of defensive committee: 11/4/2021.
- **As main supervisor: Luloa Alfozan.** Molecular Identification of Honeybees and Investigation of The Effect of Bee Venom on Some Bacterial Strains in Saudi Arabia. Date of defensive committee: 12/3/2019
- **As Co-supervisor: Aisha AlKabi.** Effect of Honey Bees and Some of its Products on the Rate of In Vitro Maturation and Gene Expression of Sheep Oocytes. Date of defensive committee: 24/3/2019
- **As Co-supervisor: Hala Aljuhani.** Molecular Identification of the Forensically Important Beetles (Coleoptera) Based on COI Gene in Selected Regions in Saudi Arabia. Date of defensive committee: 4/5/2017
- **As main supervisor: Hind AlHarbi.** Molecular Identification of Camel Tick and Investigation of its Natural Infection by *Rickettsia* and *Borrelia* in Saudi Arabia. Date of defensive committee: 12/3/2016
- **As main supervisor: Sara AlShahrani.** Molecular and Ultrastructural Identification of the Human Head Louse (*Pediculus humanus capitis*) among Primary School Girls in Bisha Governorate, Saudi Arabia. Date of defensive committee: 26/5/2015.