

Curriculum Vitae

Assistant Professor Zeinab Mahasneh



Department of Animal Production and Protection

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Personal Data

- Full Name: Zeinab Mefleh Hassan Mahasneh
- Date of Birth: July 16, 1988
- Place of Birth: Amman-Jordan
- Nationality: Jordanian
- Sex: Female
- Marital Status: Married, one son and one daughter

Researcher ID

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Scopus ID: 57208208420

Google Scholar: <https://scholar.google.com/citations?user=aVlfWSwAAAAJ&hl=en>

Research Gate: <https://www.researchgate.net/profile/Zeinab-Mahasneh>

Academic Qualification

- Ph.D. in **Animal production**

University: The University of Jordan, Jordan, 2024.

Title of Thesis: Using indigenous medical plants as feed additives to alleviate the adverse effects of heat stress on broiler chicken's physiology and performance

Advisors: Prof. Abdur-Rahman Awwad AL-Fataftah and Dr. Mohannad Abuajamieh

- MS in **Animal production**

University: Jordan university of science and technology, Jordan, 2015.

Title of Thesis: Effects of high dietary iodine on thermophysiological and thyroid functions in heat stressed rats

Advisor: Prof. Hosam Al-Tamimi

- B.S.c in **Animal production**

University: Jordan university of science and technology, Jordan, 2010.

Grants

- ~8,800 \$US. Effects of high dietary iodine on thermophysiological and thyroid functions in heat stressed rats, Research Deanship, Jordan University of Science and Technology, Jordan, 2012.
- ~4230 \$US. Using indigenous medical plants as feed additives to alleviate the adverse effects of heat stress on broiler chicken's physiology and performance, Research Deanship, the university of Jordan, Jordan, 2023.
- ~4230 \$US. Using indigenous medical plants as feed additives to alleviate the adverse effects of heat stress on broiler chicken's physiology and performance, Higher Council for Science and Technology, Jordan, 2023.
- ~30000 \$US. Using different nutritional, molecular, and physiological techniques to reduce the heat stress and methane emissions from ruminants. Arab Research & Innovation Co-Funded Alliance. 2024.
- ~28000 \$US. Effect of water-added probiotic on the productive performance, metabolism, and physiological parameters of table egg layers exposed to thermoneutral or heat stress Research Deanship, the university of Jordan, Jordan, 2024.

Research Groups:

- Heat Stress in Farm Animals, The university of Jordan, Jordan
(https://research.ju.edu.jo/research/groups/APP/Lists/GroupMembers/All_Items.aspx)

Editor

- Member, Editorial Board, Animal Report Journal
(<https://animalreportsjournal.com/index.php/arj>)

Reviewer

International:

- PLOS ONE
- Heliyon
- Frontiers in Veterinary Science
- Poultry science
- Journal of Thermal Biology
- Italian Journal of Animal Science
- Veterinary and Animal Science
- Tropical Animal Health and Production
- Pakistan Journal of Science
- Nature-Based Solutions
- Journal of Agriculture and Food Research
- Discover Sustainability
- Animal Feed Science and Technology
- Frontiers in Pharmacology

Regional:

- Saudi Journal of Biological Sciences
- Journal of King Saud University: Science
- Egyptian Journal of Veterinary Science

Local:

- Jordan Journal of Agricultural Sciences

Membership

- Association of Poultry Science (APS) member.
- World Poultry Science Association (WPSA) member.
- European Federation of Animal Science (Eaap). Young Club member.
- Agricultural Engineers Association. Amman, Jordan.

International Conferences

- Pattern of livestock production in the development of bio economy, the 68 th annual meeting of the European Federation of Animal Science (EAAP) in Tallinn, Estonia (28 August – 1 septembre, 2017).

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Summer Programmed

- Silk Road Agriculture Education and Research Innovation Alliance, summer programmed northwest agriculture and forestry university, Yangling, Shznnxi. China (30 jun, 2019 to 12July 2019).

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Workshop

- Grant proposal writing workshop, German academic exchange service (DAAD), Amman, Jordan. July, 2025

Academic Scholarships

- 2007/2010, A scholarship from Royal Hashemite Court to complete the B.Sc degree, Jordan University of Science and Technology, Irbid, Jordan
- 2012/2015, A scholarship from Research Deanship, Jordan University of Science and Technology to complete the M.Sc degree, Irbid, Jordan.

Experience

- Assistant Professor; Department of Animal Production and Protection, Faculty of Agriculture, Jerash University, Jerash, 26150, Jordan (October, 2025 to present)
- Lab Supervisor
 - Department of Animal Production, School of Agriculture, The University of Jordan, Amman-Jordan (July, 2015 to September, 2025).
 - Khairat Al Shamal Company for Poultry and Feed, Al-Mafraq, Jordan (November 2011 to September 2012)

Courses Taught

- Animal Environmental Physiology
- Poultry Nutrition
- Genetic improvement of Farm Animals
- Grazing Management

Published Papers

- Hayajneh, F and **Mahasneh, Z.** (2025). Anticoccidial and antioxidant effects of organic charcoal and its impact on gut integrity, meat quality, blood parameters, and immunity in broiler chickens challenged with coccidiosis. *International Journal of Agriculture and Biosciences*, **ACCEPTED**.
- Abdelqader, A., **Mahasneh, Z.**, Van Hoeck, V., Abuajamieh, M., Abedal-Majed, M., Al-Qaisi, M., ... & Al-Khaza'leh, J. F. (2025). Exogenous Enzymes Unlock Prebiotic Potential of *Ulva lactuca*: Boosting Gut Health and Growth Performance in Broilers. *Poultry Science*, 105834.
- Mayyas, A., Al-Qadiri, H. M., Al-Holy, M. A., Olaimat, A. N., Alsmairat, T. N., Al-Slaihat, A. H., ... & **Mahasneh, Z. M.** (2025). Antimicrobial Resistance Patterns of *Campylobacter* Jejuni Isolated from Retail Raw Chicken Meat in Jordan. *Poultry Science*, 105657.
- **Mahasneh, Z. M.**, Abuajamieh, M., Abdelqader, A., Al-Qaisi, M., Abedal-Majed, M. A., Al-Tamimi, H., ... & Al-Fataftah, A. R. A. (2024). The effects of *Artemisia Sieberi*, *Achillea Fragrantissima*, and *Olea Europaea* leaves on the performance and physiological parameters in heat-stressed broiler chickens. *Frontiers in Veterinary Science*, *11*, 1410580.
- Abdelnour, Sameh A., Mohammed AE Naiel, Mourad Ben Said, Afnan M. Alnajeebi, Fahd A. Nasr, Amin A. Al-Doaiss, **Zeinab MH Mahasneh**, and Ahmed E. Noreldin. "Environmental epigenetics: Exploring phenotypic plasticity and transgenerational adaptation in fish." *Environmental research*: 118799.
- Jianfang, W., Raza, S.H.A., Pant, S.D., Juan, Z., Prakash, A., Abdelnour, S.A., Aloufi, B.H., Mahasneh, Z.M., Amin, A.A., Shokrollahi, B. and Zan, L., 2024. Exploring Epigenetic and Genetic Modulation in Animal Responses to Thermal Stress. *Molecular Biotechnology*, pp.1-15.
- Abuajamieh, M., Al-Qaisi, M., **Mahasneh, Z. M.**, Istatieh, R., Abedal-Majed, M. A., Abdelqader, A., & Al-Fataftah, A. R. (2025). Effects of β -glucan on the performance and gut integrity of broilers under acute heat stress conditions. *Poultry Science*, *104*(6), 105065.
- Abdelnour, S. A., **Mahasneh, Z. M.**, Barakat, R. A., Alkahtani, A. M., & Madkour, M. (2024). Microalgae: A promising strategy for aflatoxin control in poultry feeds. *Toxicon*, 107770.
- **ZeinabM.H. Mahasneh**, Mohannad Abuajamieh, MohamedA. Abedal-Majed, Mohmmad Al-Qaisi, Anas Abdelqader, Abdur-Rahman A. Al-Fataftah. Effects of medical plants on alleviating the effects of heat stress on chickens. *Poultry Science*, 103348.
- **Mahasneh, Z. M.**, Abdelnour, S., Ebrahim, A., Almasodi, A. G., Moustafa, M., Alshaharni, M. O., & Abd El-Hack, M. E. (2023). Olive oil and its derivatives for promoting performance, health and struggling thermal stress effects on broiler. *Poultry Science*, 103348.
- Algothmi, K. M., **Mahasneh, Z. M.**, Abdelnour, S. A., Khalaf, Q. A., Noreldin, A. E., Barkat, R. A., ... & Abd El-Hack, M. E. (2024). Protective impacts of mitochondria enhancers against thermal stress in poultry. *Poultry Science*, *103*(1), 103218.
- El-Naggar, S., Gad, S., **Mahasneh, Z.**, Tawilla, M., & Abou-Ward, G. (2023). IMPACT OF ADDING AJWAIN SEEDS TO THE MALE LAMBS'RATIONS AS GROWTH PROMOTERS. *IRAQI JOURNAL OF AGRICULTURAL SCIENCES*, *54*(6), 1557-1564.
- Al-Tamimi, H. J., Al-Dawood, A., & **Mahasneh, Z.** (2019). The Wolff–Chaikoff effect ameliorates heat stress in rats. *Animal Biotelemetry*, *7*(1), 8.

References

- Abdur-Rahman AL-Fataftah, The University of Jordan
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- Hosam Al-Tamimi, Jordan University of Science and Technology
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