Prof. Dr. Ashwaq Jabbar Flaih Almiahy

Professor of Veterinary Physiology, College of Veterinary Medicine, University of Shatrah

Branch of Physiology, Biochemistry and Pharmacology, College of Veterinary Medicine, University of Shatrah, Dhi Qar, Iraq

E-mail: ashwaq.jabbar@shu.edu.iq | ORCID: 0000-0002-6086-6864 | Scopus Author ID: 59661784700

Google Scholar: scholar.google.com/citations?user=dBr1-_gAAAAJ

SPECIALIZATION

Veterinary Medicine and Surgery — Veterinary Physiology.

EDUCATION

2020	English Language Certificate — Level 3, Cambridge Institute (UK) / United Nations.
2019	Ph.D. in Veterinary Physiology, College of Veterinary Medicine, University of Basrah.
2012	M.Sc. in Veterinary Physiology, College of Veterinary Medicine, University of Basrah.
1998	B.V.M.S. (Veterinary Medicine and Surgery), College of Veterinary Medicine, University of Basrah.

POSITIONS

2025 – present	Chair of the Postgraduate Examination Committee, College of Veterinary Medicine, University of Shatrah.
2021 – 2024	Head of the Branch of Physiology, College of Veterinary Medicine, University of Shatrah.
2013 – 2014	Rapporteur of the Branch of Clinical Sciences, College of Pharmacy, University of Thi-Qar.

TEACHING

- Undergraduate: Physiology (2nd year); Clinical Pathology / Diagnosis (4th year); Nutrition (2nd year); Poultry Management (1st year).
- Postgraduate (M.Sc.): Physiology of the Nervous System; Endocrine Physiology.

RESEARCH INTERESTS

- Nanotechnology and nanoparticle-induced toxicity.
- Toxic effects of chemicals on biochemical parameters in laboratory animals.

- Protective roles of plant extracts; reproductive and metabolic physiology of farm animals.

RESEARCH METRICS

Google Scholar: 11 citations, h-index 2. Letters of appreciation: Prime Minister (2), Minister of Higher Education (15), President of the University (7).

PUBLICATIONS

1. Molecular Detection and Seroprevalence of Foot-and-Mouth Disease Virus in Cattle Herds of Thi-Qar Province, Iraq. *Perinatal Journal*, 34(1), 2026. doi:10.57239/prn.26.034100136
2. Comparative Study of Oxidative Stress and Some Enzymatic Parameters in All Serotypes of FMD Infected Calves in Thi-Qar Province. *Shatrah Journal of Veterinary and Biological Sciences*, 2025.
3. Evaluation of Some Neurotransmitters and Oxidative Stress by Manganese Chloride after Treatment with Lavender Ethanolic Extraction in Male Rats. *OBAT: Jurnal Riset Ilmu Farmasi dan Kesehatan*, 3(2), 101-111, 2025. doi:10.61132/obat.v3i2.1113
4. Investigating the Protective Role of Cynara cardunculus Ethanolic Extract Against Zinc Oxide Nanoparticle-Induced Toxicity. *Journal of Animal Health and Production*, 13(s1), 668-671, 2025. doi:10.17582/journal.jahp/2025/13.s1.668.671
5. Comparative Effects of Origanum majorana Aqueous Extract and Insulin-Like Growth Factor-1 (IGF-1) on Neurotransmitters, Biochemical, and Enzymatic Parameters in Male Mice Exposed to Zinc Oxide Nanoparticles Induced Stress. *International Journal of Medical Toxicology and Legal Medicine*, 27(4s), 2024.
6. Comparative Effects of Withania somnifera Root and Rhodiola rosea Extractions on Liver Enzymes, Neurotransmitters and Antioxidant Parameters in Stressed Induced Male Rabbit Model by MnCl2. *African Journal of Biomedical Research*, 27(3), 2754-2759, 2024. doi:10.53555/ajbr.v27i3.6758
7. Review about the Hormonal Additives in Cow Feeding and Their Harmful Effects. *University of Thi-Qar Journal of Agricultural Research*, 13(2), 575, 2024. doi:10.54174/ewg7p206
8. Comparative Estimation of Serum Biochemical Profile during Oestrus, Pregnancy and Calving Periods for Dairy Cows in Thi-Qar Province. *Kufa Journal for Veterinary Medical Sciences*, 13(1), 22-28, 2022. doi:10.36326/kjvs/2022/v13i13218
9. Effects of the Extraction of Sugarcane Wax on the Adrenal Cortex and Thyroid Hormones in Hyperlipidemic Female Rats. *Sapporo Medical Journal*, 55(01), 2021.
10. Modulation of Chlorpyrifos-Compromised Male Fertility by Different Doses of Pumpkin Seed Oil Supplementation. *Thi-Qar University Journal of Agricultural Research*, 9(2), 2020.
11. Study of Some Haematological Parameters in Offspring of Hyperlipidemic Female Norwegian Rats after Simvastatin Treatment during Lactation. *University of Thi-Qar Journal*, 15(2), 2020. doi:10.32792/utq/utg/vol15/n.2/1
12. A Study Comparative of Some Haematological Parameters after Treatment by Extracted Octacosanol and Atorvastatin in Female Rats. *University of Thi-Qar Journal*, 14(2), 103-115, 2019. doi:10.32792/utq/utj/vol14/2/8
13. Study the Effects of Extracted Octacosanol and Atorvastatin on Leukocytes in Female Norwegian Rats. *Journal of Education for Pure Science*, 9(2), 211, 2019. doi:10.32792/utq.jceps.09.02.22
14. Effect of Policosanol Extract Administration on Lipid Profile in Hypercholesterolemic Female Rats during Lactation. *Basrah Journal of Veterinary Research*, 17(2), 173-182, 2018.
15. Effect of Policosanol Extract and Simvastatin on Some Liver Enzymes and Histopathology in Hypercholesterolemic Female Rats during Lactation. *Journal of Education for Pure Science*, 8(3), 43-56, 2018. doi:10.32792/utq.jceps.08.03.05

16. Study the Effects of Policosanol Extract versus Simvastatin on Some Physiological and Biochemical Aspects in Female Rats and Their Pups. *Ph.D. dissertation, College of Veterinary Medicine, University of Basrah*, 2018.
17. Evaluation of the Effect of Diclofenac Sodium on INH-Induced Seizures. *International Journal of Medicine and Pharmaceutical Science (IJMPS)*, 7, 2017. doi:10.24247/ijmpsjun20178
18. Effects of Ethanolic Extract of Salvia on Body Weight, Liver Weight and Blood Proteins in Norwegian Female Rats. *4th International Scientific Conference, College of Veterinary Medicine*, 2014.
19. Epidemiological Study of Sheep Theileriasis in Thi-Qar Province. *Journal of Education for Pure Science*, 4(1), 2014.
20. Some Biochemical and Histopathological Changes in Liver of Pregnant Female Rats Following Fluoroquinolones Administration. *University of Thi-Qar Journal of Science*, 4(2), 32-38, 2014. doi:10.32792/utq/utjsci/vol4/2/5
21. Investigation of Levels of Some Biochemical Serum Components of Pasturing Sheep in Thi-Qar Province. *Thi-Qar University Journal of Agricultural Research*, 2(2), 36-49, 2013.
22. Embryotoxicity of Fluoroquinolones in Rats. *Thi-Qar Medical Journal*, 5(3), 77-86, 2011.
23. A Study of Serum Steroid Hormones (Progesterone, Estrogen, Cortisol, Placental Lactogen, and IGF-1) Concentrations of Pregnant Ewes in Three Different Terms of Pregnancy in Thi-Qar Province.