

# Asst. Prof. Dr. Nabeel Mahdi Abed

## Dean of the College of Veterinary Medicine, University of Shatrah

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## SPECIALIZATION

Veterinary Medicine — Animal Physiology.

## EDUCATION

Ph.D. Animal Physiology, University of Basrah, Iraq.

## POSITIONS

**Current** Dean of the College of Veterinary Medicine, University of Shatrah.  
Faculty member, Department of Physiology, Pharmacology and Biochemistry,  
College of Veterinary Medicine.

## RESEARCH INTERESTS

- Protective effects of plant extracts and vitamins against toxic agents (liver, kidney, thyroid and reproductive functions).
- Physiological and hematological studies in laboratory and farm animals.
- Physiological and genetic studies of diseases in Dhi Qar province (Crimean-Congo haemorrhagic fever, foot and mouth disease, urinary tract infections, hyperthyroidism).

## PUBLICATIONS

1. Hepatorenal Biochemical Changes Otodectes cynotis Infestations in Domestic Cats: An Epidemiological Study in Nasiriyah, Iraq. *UTTAR PRADESH JOURNAL OF ZOOLOGY* (2026). DOI: 10.56557/upjz/2026/v47i55551
2. Impact of Punica granatum Extract on Lead-Induced Disruptions of Testicular and Hepatorenal Functions and Architecture in Male Rats: A Physiological, Histopathological and 3 $\beta$ -HSD1 Gene Expression Study. *Journal of Applied Veterinary Sciences* (2026). DOI: 10.21608/javs.2026.469815.1908
3. Evaluation of Physiological Changes in Ruminants Affected by Foot and Mouth Disease in Southern Iraqi Livestock. *Journal of Bioscience and Applied Research* (2026). DOI: 10.21608/jbaar.2026.495821
4. Antioxidant, Hepatoprotective, and Anticancer Effects of Onion Peel Copper Nanoparticles in High-Fat Diet-Induced Fatty Liver and Hepatocellular Carcinoma Cells: Integrated Physiological, Cellular, and Glutathione Gene Expression Analysis. *Journal of Scientific Research in Science* (2026). DOI: 10.21608/jsrs.2026.464673.1314
5. The protective and therapeutic roles of green tea extract on body weight, inflammatory markers, renal function, oxidative stress, and kidney histopathology in rats treated with gentamicin. *Open Veterinary Journal* (2025). DOI: 10.5455/ovj.2025.v15.i6.43
6. A Comparative Study on the Protective Effects of Flaxseed Oil Extract and Vitamin E Against Doxorubicin-Induced Cardiotoxicity and Physiological Alterations in Male Rats. *Journal of Bioscience and Applied Research* (2025). DOI: 10.21608/jbaar.2026.432669.1334

7. Analysis of single nucleotide polymorphism of the organic cation transporter gene in women with polycystic ovary syndrome. *Voprosy ginekologii akušerstva i perinatologii* (2025). DOI: 10.20953/1726-1678-2025-5-142-147
8. A comparative study of Prevalence and Antibigram of Uropathogens in Patients with Urinary tract infection and Renal Stones in Al - Nasiriyah general Hospital. *مجلة الشطرة للعلوم البيطرية والاحيائية* (2025)
9. Protective Effect of Propolis Extract Against Nickel Chloride and/or Carbon Tetrachloride Induced Alterations in Physiological and Endocrine Functions in Adult Male Rats. *Journal of Animal Health and Production* (2024). DOI: 10.17582/journal.jahp/2024/12.s1.99.106
10. Effect of Different Doses of Pumpkin Seed Oil on Liver Function in Adult Male Rats Treated with Chlorpyrifos. *University of Thi-Qar Journal* (2021)
11. Effect of Vitamin D3 on Liver and Kidney Function of Diabetes Mellitus Male Rats. *University of Thi-Qar Journal of Science* (2020). DOI: 10.32792/utq/utjsci/v7i2.718
12. Effect of Silymarin on Oxidative Stress Biomarker, Lipid Peroxidation and Reproductive Function of Diabetic Albino Rats. *Kufa Journal For Veterinary Medical Sciences* (2019). DOI: 10.36326/kjvs/2019/v10i13327
13. Ameliorative effect of pumpkin seed oil on alterations in thyroid gland functions induced by chlorpyrifos in adult male rats. *Basrah Journal of veterinary Research* (2018). DOI: 10.23975/bjvetr.2018.172992
14. Toxicological effects of selenium on some physiological parameters in male rats (*Rattus rattus*). *Basrah Journal of veterinary Research* (2014). DOI: 10.33762/bvetr.2014.88147
15. Effect of vitamin b6 to relieve copper sulfate toxicity on some physiological and histological parameters of female rabbits. *University of Thi-Qar Journal* (2012)
16. Comparative Assessment of Pathogenic Bacteria in Urinary Tract Infections and Renal Stones: Occurrence, Risk Factors, Genomic Profiles, and Impact on Renal Function.
17. Detection of CTLA-4 and PTPN22 genes polymorphisms and relationship with hyperthyroidism patients in Thi-Qar Province, Iraq.
18. Mumps and Sterility: A comprehensive review.
19. Physiological study of Crimean-Congo haemorrhagic fever in Sheep in Thi-Qar province.
20. Study of Some Hematological Parameters in Offspring of Hyperlipidemic Female Laboratory Rats After Simvastatin Treatment During Lactation.
21. Distribution of Some Liver Enzymes and Trace Elements in Serum of Thi-Qar Leukemia Patients.
22. Serological study of Crimean-Congo haemorrhagic fever in Sheep in Thi-Qar province.