

## College of Veterinary Medicine

**Name: Sherein Salem**  
**Publication Name: Sherein S. Abdelgayed**  
**Title: Associate Professor of anatomic pathology**



Department: Pathobiology  
 Phone: 334-727-8698  
 Fax: 334-724-4110  
 E-mail: [ssalem@tuskegee.edu](mailto:ssalem@tuskegee.edu)

### EDUCATION/TRAINING

| Institution and Location            | Degree   | Graduation Year | Major               |
|-------------------------------------|----------|-----------------|---------------------|
| Cairo University-Egypt              | BSc      | 1994            | Veterinary Medicine |
| Cairo University-Egypt              | MSc      | 1999            | Anatomic Pathology  |
| Cairo University-Egypt              | PhD      | 2004            | Anatomic Pathology  |
| University of Wisconsin Madison-USA | Post Doc | 2021/2022       | Anatomic Pathology  |

### TEACHING

- |                                                          |                                                                |
|----------------------------------------------------------|----------------------------------------------------------------|
| <input type="checkbox"/> VMED 0814 General Pathology     | <input type="checkbox"/> VMED 0824 Pathology II                |
| <input type="checkbox"/> VMED 0838 Clinical Skills Lab I | <input type="checkbox"/> VMED 0848 Anatomic Pathology/Necropsy |

### RESEARCH INTERESTS

- |                                                                  |                                                            |
|------------------------------------------------------------------|------------------------------------------------------------|
| <input type="checkbox"/> Veterinary Pathology and Public Health  | <input type="checkbox"/> Innovative Vaccination Strategies |
| <input type="checkbox"/> Functional Foods and Disease Prevention | <input type="checkbox"/> Toxicological Safety              |
| <input type="checkbox"/> Cancer Research                         | <input type="checkbox"/> Zoonotic Disease Dynamics         |

### RECENT PUBLICATIONS

Romisaa Hussein Sayed, Emad M. El Zayat, Sherein S. Abdelgayed, Jehane I. Eid, Mohamed Hosney, "THERAPEUTIC EFFECT OF MELATONIN AND/OR ADIPOSE-DERIVED MESENCHYMAL STEM CELLS AGAINST DOXORUBICIN-INDUCED RENAL TOXICITY IN WISTER RATS", *Afr.J.Bio.Sc.* 6(Si4) (2024) <https://doi.org/10.48047/AFJBS.6.Si4.2024.4164-4194>

Engy M. Akl, Rasha S. Mohamed, Sherein S. Abdelgayed, Karem Fouda b, Mosaad A. Abdel-Wahhab d, "CHARACTERIZATION AND ANTIOXIDANT ACTIVITY OF FLAXSEED MUCILAGE AND EVALUATION OF ITS DIETARY SUPPLEMENTATION IN IMPROVING CALCIUM ABSORPTION IN VIVO", *Bioactive Carbohydrates and Dietary Fibre* 32 (2024) 100444 <https://doi.org/10.1016/j.bcdf.2024.100444>

Hassan, A.A., Abdelgayed, S.S., Mansour, S.Z. "LIVER AND OVARIAN TOXICITIES BOOSTED BY BISPHENOL AND GAMMA RADIATION IN FEMALE ALBINO RATS", *Human and Experimental Toxicology*, 2024, 43 <https://doi.org/10.1177/09603271231219264>

Faten F. Mohammed, Eman G. Abdelrazik, Abeer Anwar and Sherein S. Abdelgayed, "HEPATIC P53 UPREGULATION AND THE GENOTOXICPOTENTIAL OF ACESULFAME-K TREATMENT IN RATSWITH A SPECIAL EMPHASIS ON IN VITROLYMPHOCYTE AND MACROPHAGE ACTIVITYTESTING", *Human and Experimental Toxicology*, 2024, 43(1-9) <https://doi.org/10.1177/09603271241236900>

Nagwan M. Gabr, Suzan Adib Mina, Sally A. El Awdan, Gihan F. Asaad, Sherein S. Abdelgayed, Rafik F. Mounir, "PROFILING OF TWO LAMPRANTHUS SPECIES USING LC-ESI/MS WITH EVIDENCE OF THEIR HEPATOPROTECTIVE ACTIVITY", *Natural Product Research*, 2024 <https://doi.org/10.1080/14786419.2024.2325591>