



Faculty of Veterinary Medicine



Assiut university

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Place and date of Birth: Abu Tig – Assiut (71526) - Egypt. (3-8-1989).

Academic education

2012: BVSc (Excellent degree), Faculty of Veterinary Medicine – Assiut University- Egypt.

2016: MVS (Parasitology), Faculty of Veterinary Medicine -Assiut University- Egypt.

2020: PHD (Parasitology), Faculty of Veterinary Medicine -Assiut University- Egypt.

Positions

2013-2016: Demonstrator at Parasitology Department - Faculty of Medicine – Assiut University

2016-2020: Assistant lecturer at Parasitology Department - Faculty of Medicine – Assiut University



2020 – till now: Lecturer at Parasitology Department- Faculty of Veterinary Medicine – Assiut University.

Professional experience

I have extensive experience in the field of academic teaching, and scientific research of parasitology. I have worked in this field for approximately 10 years, from 2012 until the present day.

Language skills

Arabic (native), and English (very good).

Scientific Skills

- Excellent experience in Parasitological analysis (fecal, blood, and fish examination).
- Maintenance of life cycles for several parasites, including *Toxoplasma*, *Trichinella*, *Schistosoma*, and parasites transmitted through fish such as *Heterophyes*, and In vitro culturing of parasites like *Fasciola*, *Trichinella*, *Schistosoma*, *Heterophyes*, and *Eimeria* sp.
- Excellent experience in Parasitological techniques, Electron Microscope, Electrophoresis, DNA and RNA extraction, conventional PCR, and quantitative PCR (qPCR).

Computer Skills

- Excellent experience in Microsoft Office package.
- Some statistical analysis package (SPSS and some reference software (Mendeley, EndNote).

Teaching Record

- Instructor for undergraduate students (Faculties of; Medicine, Veterinary Medicine, Pharmacy, and Clinical Pharmacy) from 2013 till now in the following practical Courses (Parasitology, Protozoology, Helminthology, Entomology, and Fish parasitology).
- Teaching the postgraduate students at the Faculty of Veterinary Medicine since 2020 till now (theoretical courses in Parasitology, Immunoparasitology, avian parasitology, Snail biology, and special topics in Parasitology).

Supervisions

- 1) **Samer Elsayed Mohamed (MVS):** Studies on Coccidiosis of chicken in Sohag Governorate.
- 2) **Hager Ibrahim Helmy (MVS):** Some studies on parasitic infection of freshwater fish in Assiut Governorate, Egypt.
- 3) **Fatma Attea Kamel (MVS):** Identification of blood Protozoa in Cattle and their vectors in Assiut Governorate, Egypt.
- 4) **Alaa Mohamed Abd-El salam (PHD):** under registration
- 5) **Aya Mohamed Abdelaal (MVS):** under registration

List of publication

1. **Abd-Elrahman, S.M.**, Abdel-Rahman, S.M., Bakir, H.Y. *et al.* (2024). Genetic relatedness and diversity of *Capillaria* species infecting bayad (*Bagrus bajad*) in upper Egypt. *BMC Vet Res* **20**, 235. <https://doi.org/10.1186/s12917-024-04076-x>
2. **Abd-Elrahman, S. M.**, Dyab, A. K., Kamel, F. A., Khedr, A. A., Khalifa, M. M., Mohamed, S. M., & Abdel-Hakeem, S. S. (2024). Assessment of cattle tick infestation: Molecular insights into *Rhipicephalus annulatus* and the efficacy of garlic oil and nanoemulsion as acaricidal agents. *Veterinary Parasitology*, 329(May), 110211. <https://doi.org/10.1016/j.vetpar.2024.110211>
3. Abdel-Hakeem, S. S., Abdel-Samiee, M. A.-Z., Youssef, M. S. E., Abd-El sadek, S. H., **Abd-Elrahman, S. M.**, & Abdel-Hakeem, S. S. (2024). Nanocurcumin: A Promising Therapeutic Candidate for Experimental Trichinellosis. *Microscopy and Microanalysis*, 1–14. <https://doi.org/10.1093/micmic/ozae007>
4. Elossily, N., **Abd-Elrahman, S. M.**, A., Dyab, A., Mahmoud, E., Mohamed, S., Abd, A., Fahd, Alsharif, F., Alsaadawy, M., Sayed, K., & Khalifa, M. (2024). Light microscopical and parasitological analyses revealed the beneficial effects of silver nanoparticles and various myrrh extracts against *Trichinella spiralis* infection in mice. *Microscopy Research and Technique*. <https://doi.org/10.1002/jemt.24542>
5. Abdel-Moez G, Sayed H, Khalifa A, **Abd-Elrahman S**, Osman M, Mohamed S. (2024) Evaluating anthelmintic, anti-platelet, and anti-coagulant activities, and identifying the bioactive phytochemicals of *Amaranthus blitum* L. *BMC Complement Med Ther*. May 4;24(1):183. [doi: 10.1186/s12906-024-04478-2](https://doi.org/10.1186/s12906-024-04478-2).

6. Hesham, M., Youssef, M. S. E.-D., Abd-elghaffar, S. K., & **Abd-Elrahman, S. M.** (2024). Uncommon *Cysticercus bovis*-induced Liver Lesions in Slaughtered Beef Cattle Imported from Sudan. *Egyptian Journal of Veterinary Sciences*, 56(4), 669–677. <https://doi.org/10.21608/ejvs.2024.246885.1682>
7. KAMEL, F. A., DYAB, A. K., KHEDR, A. A., & **ABD-ELRAHMAN, S. M.** (2024). Epidemiological and clinical manifestations of blood parasitic infections in cattle in Assiut governorate Egypt. *Assiut Veterinary Medical Journal*, 70(181), 8–16. <https://doi.org/10.21608/avmj.2024.246898.1203>
8. **Abd-ELrahman, S.M.**; Mohamed, S.A.-A.; Mohamed, S.E.; El-Khadragy, M.F.; Dyab, A.K.; Hamad, N.; Safwat, M.M.; Nasr, A.A.E.; Alkhaldi, A.A.M.; Gareh, A.; Elmahallawy, E.K. 2022. Comparative Effect of Allicin and Alcoholic Garlic Extract on the Morphology and Infectivity of *Eimeria tenella* Oocysts in Chickens. *Animals* , 12,3185. <https://doi.org/10.3390/ani12223185>
9. **Abd-ELrahman, S.M.**; Gareh, A.; Mohamed, H.I.; Alrashdi, B.M.; Dyab, A.K.; El-Khadragy, M.F.; Khairy Elbarbary, N.; Fouad, A.M.; El-Gohary, F.A.; Elmahallawy, E.K.; et al. 2023. Prevalence and Morphological Investigation of Parasitic Infection in Freshwater Fish (Nile Tilapia) from Upper Egypt. *Animals* , 13, 1088. <https://doi.org/10.3390/ani13061088>
10. Hesham M., Youssef S., Abd-elghaffar S., **Abd-ELrahman, S.** (2023): hepatic dicrocoeliasis in beef cattle slaughtered at abu-simbel abattoir: first slaughter house record in Egypt, *Journal of Veterinary Medical Science*. [Doi: 10.21608/AVMJ.2023.219294.1159](https://doi.org/10.21608/AVMJ.2023.219294.1159)
11. Helmy, H. & **Abd-Elrahman, S.** & Dyab, A. & Mohamed, S. (2022). Parasitosis in *Clarias gariepinus* and its relation to some environmental conditions in Assiut governorate, Egypt. *Journal of the Egyptian Society of Parasitology*. 52. 177-182.
12. **Abd-Elrahman SM**, Dyab AK, Mahmoud AE, Alsharif FM, Mohamed SM, Abomughaid MM, Elossily NA. (2021). Influence of chemically and biosynthesized silver nanoparticles on in vitro viability and infectivity of *Trichinella spiralis* muscle larvae. *Ann Parasitol.*;67(4):591-602. [doi: 10.17420/ap6704.375](https://doi.org/10.17420/ap6704.375).
13. **Abd-Elrahman, S.**, Dyab, A., Mahmoud, A., Mostafa, S., Elossily, N. 2020. Antiparasitic activity of myrrh crude extract and myrrh volatile oil compared to albendazole against *Trichinella spiralis* muscular larvae in vitro. *Journal of the*

Egyptian Society of Parasitology,; 50(2): 307-314. [doi: 10.21608/jesp.2020.113052](https://doi.org/10.21608/jesp.2020.113052)

14. Dyab, A. & Mohamed, S., & **Abd-Elrahman, S.** (2021). Prevalence of coccidiosis in chicken in Sohage governorate. *Journal of Veterinary Medical Science*. 67. 1-11. [10.21608/avmj.2021.94233.1013](https://doi.org/10.21608/avmj.2021.94233.1013)
15. Nasreldin, Nani & Swilam, Shimaa & **Abd-Elrahman, Salwa** & Khaleel, Sary. (2022). Evaluation of Clinicopathological alterations in mice experimentally infected with *Trichinella spiralis* and the nematocidal effect of tannic acid and albendazole.
16. ABD EL-RADY, L. M., DYAB, A. K., **ABD-ELRAHMAN, S. M.**, & MOHAMED, S. A. (2021). prevalence of gastrointestinal parasites in horses in Luxor, Egypt. *Assiut Veterinary Medical Journal*, 67(171), 12–20. <https://doi.org/10.21608/avmj.2021.205162>

Workshops

- 1) (6-7 August 2019) attended the workshop on "**Publication of Research in International Journals**" at the Faculty and Leadership Development Center - at Assiut University.
- 2) (21- 23 June 2020) attended the workshop on "**Quality Standards in Teaching**" at the Faculty and Leadership Development Center - at Assiut University.
- 3) (7- 9 June 2020) attended the workshop on "**Technical aspect of Design and Conduct Scientific Research**" at the Faculty and Leadership Development Center - Assiut University.
- 4) (25- 26 February 2020) attended the workshop on "**Code of Ethics**" at the Faculty and Leadership Development Center - at Assiut University.
- 5) (23-25 June 2020) attended the workshop on "**Research Ethics**" at the Faculty and Leadership Development Center - at Assiut University.
- 1) (2-3 October 2021) attended the workshop on "**Fundamentals of Immunohistochemical Staining**" at the Department of Anatomy and Histology at the Faculty of Veterinary Medicine Assiut University, Assiut, Egypt.
- 6) (19-21 March 2023) attended the workshop on "**Cell and Tissue Cultures: Techniques & Applications**" at the Molecular Biology Research Unit in Assiut University, Egypt.

7) (28-30 April 2024) attended the workshop on "**Self-Study Preparation for the Educational Institution**" at the Faculty and Leadership Development Center - at Assiut University.

Conferences

- (8th -9th May 2023) Attended the "**1st Conference of Applied Molecular Biology**" at Molecular Biology Research & Studies Institute, Assiut University, Assiut, Egypt.
- (4th -5th March 2024) Attended the "**19th Science Congress of Veterinary Medicine and Egypt Vision 2030**" at the Faculty of Veterinary Medicine Assiut University and Badr University, Assiut, Egypt.