

Dr. Amal Kamal El-Gayar



Professor of Parasitology

PERSONAL DATA:

Date of Birth : 31th, October, 1968

Place of birth: Egypt

Nationality : Egyptian

University : Department of Parasitology, Faculty of Veterinary Medicine, Suez Canal University, Ismailia, Egypt.

Telephone : *Home:* 02-064-3235338 **Cell Phone :** 01220077332

E-mail : amalk18@vet.suez.edu.eg

amalk18@yahoo.com

CURRENT POSITION:

Professor of Parasitology, Department of Parasitology, Faculty of Veterinary Medicine, Suez Canal University, Ismailia, Egypt.

EDUCATION:

<i>YEAR</i>	<i>DEGREE</i>	<i>GRADE</i>	<i>INSTITUTION</i>
1992	MB BCH	Good	Suez Canal University, Egypt.
1995	M Sc. (Master)	Distinction	Suez Canal University, Egypt.
2002	Ph.D. in Parasitology		Suez Canal University, Egypt.

ACADEMIC APPOINTMENTS:

<i>YEAR</i>	<i>POSITION</i>	<i>INSTITUTION</i>
1992 to 1995	Demonstrator	Suez Canal University, Egypt.
1995 to 2002	Assistant lecturer	Suez Canal University, Egypt.
June 2002	lecturer	Suez Canal University, Egypt.
October 2008	Associate Professor	Suez Canal University, Egypt.
August 2014	Professor	Suez Canal University, Egypt.

WORK HISTORY:

- Demonstrator, Parasitology, Suez Canal University, Egypt, 1992-1995.
- Assistant lecturer, Department of Parasitology, Suez Canal University, Egypt, 1995-1999.
- Visitor Ph. D. student in Department of Veterinary Pathobiology, College of Veterinary Medicine and biomedical Science, Texas A&M University, College Station, TX, 1999-2002.
- Lecturer of Parasitology, Suez Canal University, Egypt, 2002 .
- Post-doctor Research Associate in Department of Veterinary Pathobiology, College of Veterinary Medicine and Biomedical Science, Texas A&M University, College Station, TX, 2003 till May 2004.
- Post-doctor Research Associate in Department of Veterinary Pathobiology, College of Veterinary Medicine and Biomedical Science, Texas A&M University, College Station, TX, 2005 till May 2008.
- Associate Professor of Parasitology since October 2008 till august 2014.
- Professor of Parasitology since August 2014 till now.
- **Head of Parasitology Department since Sept. 2019 till now.**

Thesis titles:

Master: SOME STUDIES ON ENTERIC HELMINTHES OF CHICKENS IN ISMAILIA PROVINCE

Ph. D : MORPHOLOGICAL AND IMMUNOLOGICAL STUDIES ON GASTROINTESTINAL NEMATODES IN GOATS

Current committees:

Member, in American Association of veterinary parasitologist (AAVP).

Member in the Egyptian Veterinary Medical Society of Parasitology (EVMSPJ).

Publications list.

1-El – Gawady, H.M. ; Hassan , . M.G. and **Amal K. El-Gayar (1996)** : Some studies on Enteric helminthes of chickens in Ismailia Province . 36th Week of Science , Halab University , Syrian A.R.

2- **Amal K. El-Gayar.**, Craig, T., Thompson, J., Johnson, B., Mcwhinney, D. and Nuti, L. 2002.The effect of protein levels and diatomaceous earths(DE) on Haemonchus contortus challenge in goats. American Association of Veterinary Parasit. 47th Annual meeting (Abstract). 53-54.

3-**Amal K. El-Gayar** 2005.The prevalence of some parasites of stray dogs in Ismailia City Egyp. EVMSP J J., 2 (2):383-400.

4-Amal K. El-Gayar. 2007. Studies on some trematode parasites of stray dogs in Egypt with a key to the identification of intestinal trematodes of dogs. J. Vet. Parasitol., 144 (3): 360-365.

5- Mohamed M. Mahmoud, **Amal K. El-Gayar** and Sherif Saleh 2007. Efficacy of *Eucalyptus globulus* supported with trace elements supplements in the treatment of Sarcoptic mites infesting buffaloes. EVMSP J.4 (1):795-820.

6-Amal K. El-Gayar., Holman, P.J., Craig, T.M., deMaar, T.W., Wilson, S.C., Chung, P., Woods, K.M., Norris, C., and Upton, S.J. 2008. A new species of coccidian (Apicomplexa: Sarcocystidae) from the slender-tailed meerkat *Suricata suricatta* (Scheber 1776) from South Africa. Acta Protozool. 47(1):69-76.

7- Hassan S. M., EL-Gayar A. K., Byrd J.A. Caldwell D., Bailey C. A. and Cartwright A.L.2008: Effects of guar meal against *Eimeria tenella* infections in broiler chickens. J. Veterinary Parasitology,157(3):133-138.

8-Amal K. El-Gayar Ashely E. Volker; Thomas, M. Craig 2010. Combination anthelmintics to control gastrointestinal nematodes in foals. EVMSP J. 6(95-102).

9- Amal K. El-Gayar; Mohamed M. Mahmoud; Thomas M. Craig ; P. L. Diamond ;J. A. Thompson 2010. Evaluation of the F2 *Fasciola hepatica* antigen ELISA to detect infection and successful treatment of cattle in North America. EVMSP J., 6 (103-111).

10- Jason M. Fritzler, Thomas M. Craig, Amal K. El Gayar, Casey Plummer, R. Steve Wilson, Markus J. Peterson and Guan Zhu. (2011). A new Eimeriid (Apicomplexa) species from Endangered attwater's paraire chickens (*Tympanuchus cupido attwateri*) in Texas. J. Parasitol. 97 (4), 671-675.

11-Amal k. El -Gayar and Dalia H. Mansour 2011. Anticoccidial activity of herbal plant (Artemisia) in experimentally challenged broilers with Eimeria spp. EVMSP J., 7 : 73-79.

12- Amal K. El- Gayar and Rabab E. Afifi 2012. Some Endoparasites of the Carrion crow, *Corvus corone* from Ismailia City, Egypt. EVMSP J., **8:21-29.**

13- Mahmoud M. Elhaiga, Ahmed I. Youssefb, Amal K. El-Gayar .(2013). Molecular and parasitological detection of *Trypanosoma evansi* in Camels in Ismailia, Egypt. Vet. Parasitol. 198 : 214– 218.

14- Samar W. Tadros, Jihan F. K. Abo-Esa and Amal K. El- Gayar 2013. Some studies on digenetic trematodes of herring gull (*larus argentatus*) at Port Said Governorate. Assiut Vet. Med. J., 59: 138., 161-169.

15-Eman K. El Gayar, Amal K. El- Gayar, Nader A. Nemr(2013). Comparison between blood smear, Histidine- rich protein-2 immunochromatographic test(HRP2-ICT) and nested PCR in Malaria diagnosis of clinically suspected cases, Jazan, KSA. PUJ. 6(1):109-116.

16- Amal K. El - Gayar and Salah M. Aly 2013. Studies on Some Protozoan parasites and Encysted metacercarial Infection of Freshwater Fishes in Egypt (2013). **EVMSPJ., 9 (31-43).**

17- Samar W, Tadros; Amal, K. El-Gayar and Ghada M. Mohyemen (2014). Light and scanning electron microscopy on Monogenean parasite from Red Sea fish *Nemipterus japonicus* (*Trieadin braens*) in Egypt (2014). Assiut Vet. Med. J. Vol. 60 No. 141 :54-62.

18- Asmaa MI AbuZeid; Nahla H Sallam; Eman M Youssef; **Amal, K. El-Gayar**; Ahmed A Abdel Aal; Hamdy M. El Gawady. (2015). Studies on ectoparasites of stray dogs in Ismailia City. **EVMSPJ.**, 1:115-122.

19- Nahla. H Sallam, Asmaa, Z. Assasa, **Amal, K. EL-Gayar** and Ahamed. A.

Abdel Aal, **2017**. Gastrointestinal nematodes infections in ruminants: Prevalence and Anthelmintic efficacy. **EVMSPJ.**

20- Eman M. Abouelhassan, Hamdy M. ElGawady, Ahmed AbdelAal, **Amal K. El-Gayar**

and Maria G. Steve **2019**. Detection of tick borne diseases using multiplex PCR. 2019 **EVMSPJ., under press.**

21- Eman M. Abouelhassan, Hamdy M. ElGawady, Ahmad Anwar AbdelAal,

Amal K. El-Gayar and Maria D Esteve-Gassent **2019**. Comparison of some Molecular Markers for Tick Species Identification. *J. Arthropod-Borne Dis.*1(2):15-164.

Conferences

١. A Sharing member in the 1st Egyptian Veterinary Medical Society of Parasitologist, October 2003
٢. A Sharing member in the 3rd scientific conference, Faculty of Veterinary Medicine, Suez Canal University, 23-25 November 2004.
٣. A sharing member in the Clinical Neurology conference, Texas A&M University, College Station, Texas. December 1-3, 2006.
٤. A sharing member in the 16th Annual Food Animal Conference, Texas A&M University, College Station, Texas. June 1-3, 2007
٥. A Sharing member in the 3rd Egyptian Veterinary Medical Society of Parasitologist, October 25-27, 2007
٦. A Sharing member in the Symposium of “ Genetic Mutation of Avian and Swine Flu”, Biotechnology Research Center, Suez Canal University, 31th May 2009.
٧. A Sharing member in the second Annual conference (New Development in laboratory diagnosis of parasitic diseases) Egyptian Parasitologists United, April, 7-8:2010
٨. A Sharing member in the workshop of “Modern Techniques in the treatment of Pathogenic Fungi), Faculty of Veterinary Medicine, Suez Canal University, February , 27-28, 2012.
٩. A Sharing member in the Symposium of “ Food and Mouth Diseases and its effect on general health) Faculty of Veterinary Medicine, Suez Canal University, 25 March 2012.
١٠. A Sharing member in the second Annual conference (New Development in laboratory diagnosis of parasitic diseases) Egyptian Parasitologists United, April, 7-8:2010
١١. Attended the course (General Chromatography & new technique of the HPTLC (HPTLC, MS), Faculty of Veterinary Medicine, Suez Canal University. November, 26, 2012.
١٢. Attended the 1st young researches conference at Suez Canal University, Ismailia, Egypt. March, 6-7, 2013.

١٣. A sharing member (Abstract) in the 24th International conference of the world Association for the Advancement of Veterinary Parasitology. (WAAVP). From 25- 29 August 2013, at the Perth Convention and Exhibition Centre, Australia.
١٤. A Sharing member and attendance in the 9th Symposium of "Better life and less parasites", Egyptian Veterinary Medical Society of Parasitologist, Suez Canal University, 15th Dec. 2013.
١٥. A Sharing member in the 6th Egyptian Veterinary Medical Society of Parasitologist, 18-16 December, 2014.
١٦. A Sharing member in the 8th scientific conference, Faculty of Veterinary Medicine, Suez Canal University, 27-30 November 2014.
١٧. Attended the 2nd student researches conference at Suez Canal University, Ismailia, Egypt. March, 2015.
١٨. Attended and participated in the workshop entitled (How to write Effective Research Proposal) at Faculty of Pharmacy, Suez Canal University, Ismailia. Egypt. 2015.
١٩. Attended and participated in the workshop entitled (The newbie OMICs) at the Physiology department , Faculty of Veterinary Medicine, Suez Canal University, Ismailia, Egypt on 4th October, 2016.
٢٠. Attended and Judgment the 4th student researches conference at Suez Canal University, Ismailia, Egypt. March, 2017.
٢١. Attended the workshop (General Chromatography & new technique of the HPTLC (HPTLC, MS), Faculty of Veterinary Medicine, Suez Canal University. Feb., 23, 2020.

• الشهادات والجوائز

١- حاصلة على شهادة تقدير للنشر الدولي العلمي المتميز من جامعة قناة السويس للاعوام ٢٠٠٧ و ٢٠٠٨ و ٢٠١١ و ٢٠١٣

٢- حاصلة على المركز الأول مكرر لجائزة الدكتور أحمد عسكر عن المشروع البحثي " الجوار كنبات اقتصادي لصحة الحيوان " والمقدمة من قطاع شئون خدمة المجتمع وتنمية البيئة من جامعة قناة السويس عام ٢٠٠٩.

التحكيم:

١- محكم لمجلة الجمعية الطبية البيطرية لعلم الطفيليات المصريه

٢- محكم المشروع البحثي المقدم من قسم الطفيليات كلية الطب البيطري جامعة جنوب الوادي ٢٠١٩.

Postdoctoral Research Associate

- 1-Evaluation of an ELISA diagnostic test kit for *Fasciola hepatica* in cattle.
- 2-The phenotypic evaluation of populations of goats naturally and experimentally infected by *Haemonchus contortus*.
- 3-The evaluation of *Haemonchus contortus* populations susceptibility or lack thereof to anthelmintics by in vivo or in vitro tests.
- 4-The use of combination anthelmintics in foals with parasites resistant to various anthelmintics.
- 5- Gyamopsis Tetragonolabe