



Curriculum Vitae

Professor Reda El-bastawisy Ibrahim Khalafalla

*Professor and head of department of Parasitology,
faculty of veterinary medicine, Kafrelsheikh University*



Personal Data

Name: Reda El-Bastawisy Ibrahim Khalafalla
Date of birth: 28 June 1973
Place of birth: Biyala-Kafrelsheikh, Egypt
Resident in: Al-Delta st., Al-Falouga buildings, Kafrelsheikh, Egypt
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Marital status: married, have 3 children
Work Professor Dr. Reda Khalafalla, Head of Department of Parasitology, Fac. Vet. Med., Kafrelsheikh University, El-Geish Street, 33516 Kafr El-sheikh, Egypt **Fax:** 0020473231311
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School education :

1979-1985 primary school, Biyala-Kafrelsheikh, Egypt ;
1985-1988 preparatory school, Biyala-Kafrelsheikh, Egypt ;
1988- 1991 general secondary school, Biyala-Kafrelsheikh, Egypt .
Graduation: July 1991 GSCE - General Certificate of Secondary Education (Abitur)

Graduate studies

October 1991 - July 1996 Faculty of Veterinary Medicine at Kafrelsheikh, University of Tanta, Egypt
Graduation: Bachelor of Veterinary Science (B.V.Sc.) July 1996 with degree of very good

Postgraduate studies :

1. From September 1997 – April 2000, Faculty of Veterinary medicine, Kafrelsheikh branch, University of Tanta, Egypt
Graduation: Master of Veterinary Science (M.V.Sc.) April 2000
2. From September 2005 to 2009, Institute of Parasitology, Faculty of Veterinary medicine, University Leipzig, Germany. Doctoral studies on (Evaluation of inhibition of Eimeria tenella sporozoites by antibody fragments expressed in pea)
Graduation: PhD of Veterinary science (December 2009)
3. From September 2010 – February 2012, Faculty of Veterinary medicine, Kafrelsheikh University, Egypt
Graduation: Diploma of Veterinary Microbiology February 2012

List of Publications:

1. **Khalafalla, Reda Elbastawisy** (2000): Some studies on helminth parasites of sheep (Master Vet. Med.). Kafrelsheikh, Uni. Tanta, Egypt.
2. Shahiduzzaman M., Dyachenko V., **Khalafalla R. E.**, Desouky A. Y., and Dausgies A. (2009): Effects of curcumin on Cryptosporidium parvum in vitro. Parasitology Research.105 (4), pp 1155-1161.
3. **Khalafalla R. E.** (2009): In vivo evaluation of inhibition of Eimeria tenella sporozoites by antibody fragments expressed in pea. Dissertation for PhD Vet. Sc., University of Leipzig, Germany.



4. **Khalafalla R. E.**, Dauschies A. (2010): Single oocyst infection; a simple method for isolation of *Eimeria* spp. from mixed field samples. *Parasitology Research*, 107:187–188
5. **Khalafalla R. E.**, Dauschies A. (2010): In vivo evaluation of inhibition of *Eimeria tenella* sporozoites by antibody fragments expressed in pea (*Pisum sativum*). *Parasitology Research*, 107:983–986
6. **Khalafalla R. E.**, Elseify M.A. and Elbahy N.M. (2011): Seasonal prevalence and incidence of gastrointestinal nematode parasites of sheep Northern region of Nile Delta, Egypt. *Parasitology Research*, 108:337–340
7. **Khalafalla R. E.**, Müller U, Shahiduzzaman M., Dyachenko V., Desouky A. Y., Alber G., Dauschies A. (2011) Effects of Curcumin (diferuloylmethane) on *Eimeria tenella* sporozoites in vitro. *Parasitology Research* 108:879–886
8. **Khalafalla R. E.** (2011) A survey study on gastrointestinal parasites of stray cats in northern region of Nile Delta, Egypt. *PLoS one (public library of Science one)* 6 (7)
9. Sultan K. and **Khalafalla R.E.** (2014) First record of chewing louse *Heterodoxus spiniger* (Insecta, Phthiraptera, Boopidae) on stray dogs from northern region of Egypt. *Tropical Biomedicine* 31(2): 378–380.
10. Sultan K., **Khalafalla R.E.**, Elseify M.A. (2013) Preliminary Investigation on *Buxtonella sulcata* (Jameson, 1926) (Ciliophora: Trichostomatidae) in Egyptian Ruminants. *BENI SEUF VET. MED. J. 7TH SCI. CONF. VOL. 22, NO.1, P.91-94*
11. **Reda E. Khalafalla**, Eman K.A. Bazh (2012) Investigation of ectoparasites of *Rattus norvegicus* in Kafrelsheikh Province, Nile Delta, Northern Egypt. *EVMSP J. Vol. 8: 53-58*
12. El-Siefy M.A., Desoukey M.A., **Khalafalla R.E.** and Sorour S.Sh. (2012) Prevalence of *Eimeria* spp. and *Cryptosporidium* spp. in cattle in Kafr El-Sheikh province. *Kafrelsheikh Vet. Med. J. Vol. 10 No. 2 (1-22)*
13. Nasr M. ElBahy, Ahmed O. ElKhatam, **Reda E. Khalafalla** and Mahmoud R. Abulila (2014) Evaluation of *Eimeria* oocyst whole antigen vaccine and the effect of feeding probiotic on broilers. *Journal of Basic and Applied Sciences*, 3 (4) (2014) 357-362
14. **Khalafalla R. E.**, Elseify M.A. and Elbahy N.M. (2010): Seasonal prevalence and incidence of gastrointestinal nematode parasites of sheep Northern region of Nile Delta, Egypt. *Parasitology Res.*; 108: 337. doi:10.1007/s00436-010-2066-9
15. ElBahy N.M. and **Khalafalla R.E.** (2014) Molecular Diagnosis of Some Nematode Parasites Infecting Ruminants in Egypt. *Journal of Basic and Applied Sciences*; 3 (3) (2014) 344-348
16. ElKhtam A. O., **Khalafalla R. E** (2016) "Surveillance of Helminthes and Molecular Phylogeny of *Fasciola Gigantica* Infecting Goats in Sadat District, Egypt", *International Journal of Scientific Research in Science and Technology(IJSRST)*, Volume 2, Issue 4, pp.188-192, July-August.
17. El-Tahawy, Abdelgawad S., Eman K. Bazh, and **Reda E. Khalafalla**. "Epidemiology of bovine fascioliasis in the Nile Delta region of Egypt: Its prevalence, evaluation of risk factors, and its economic significance." *Veterinary World* 10.10 (2017): 1241.
18. Amer Ragheb Abdelaziz, **Reda Elbastawisy Khalafalla**, Amal Abbas Abdelrahman Hassan, Ehab Kotb Elmahallawy, Abdulaziz Mohammed Almuzaini. "Molecular phylogenetic analysis of *Cysticercus ovis* from Egypt based on MT-CO1 gene sequences." *Revista Brasileira de Parasitologia Veterinária* 28.2 (2019): 258-265.
19. El-Bahy, Nasr Moawad, Amer Ragheb Abdelaziz, and **Reda Elbastawisy Khalafalla**. "In-vitro evaluation of *Nigella sativa* and *Punica granatum* effect on protoscolices of hydatid cysts." *Revista Brasileira de Parasitologia Veterinária* 28.2 (2019): 210-214.



20. Mahmoud Shaban El-Neweshy, **Reda Elbastawisy Khalafalla**, Mohamed Mohamed Sayed Ahmed, Julanda Hamad Al Mawly, El-Sayed Mohamed El-Manakhly. "First report of an outbreak of cerebral coenurosis in Dhofari goats in Oman." Revista Brasileira de Parasitologia Veterinária 28.3 (2019): 479-488.
21. **Khalafalla, Reda E.**, and Julanda H. Al Mawly. "Biometrical and morphological description of Trypanosoma evansi among one-humped camel (*Camelus dromedarius*) in Oman." Journal of the Saudi Society of Agricultural Sciences (2020).
22. **Khalafalla, Reda E.**, Abdelaziz, Amer Ragheb "Field Study to Evaluate the Topical Application of Deltamethrin, Cyfluthrin, and Sulfur Efficacy Against Sarcoptic Mange of Rabbit." Alexandria Journal for Veterinary Sciences 67.2 (2020).
23. **Khalafalla, Reda E.**, Abdelaziz, Amer Ragheb "Prevalence and Phylogenetic analysis of Fasciola species in Upper Egypt Based on Ribosomal ITS-2 gene Sequencing." Egyptian Veterinary Medical Society of Parasitology Journal (EVMSPJ) 16.1 (2020): 142-158.
24. Mohamed S. Ahmed, **Reda E. Khalafalla**, Ashraf Al-Brakati, Tokuma Yanai and Ehab Kotb Elmahallawy (2020) Descriptive pathological study of avian schistosomes infection in whooper swans (*Cygnus cygnus*) in Japan. Animals (Basel). 2020 Dec 10;10(12):E2361.

Professional experiences :

1. Demonstrator of parasitology December 1997- 2000, Department of Parasitology, Faculty of Veterinary Medicine, Kafrelsheikh branch, University of Tanta
2. Assistant lecturer of parasitology, May 2000 - January 2010, Department of Parasitology, Faculty of Veterinary Medicine, University of Kafrelsheikh
3. Lecturer of Parasitology March 2010, Department of Parasitology, Faculty of Veterinary Medicine, University of Kafrelsheikh
4. September 2005 to 2009 is working in research group of molecular Parasitology, Institute of Parasitology, Faculty of Veterinary medicine, University Leipzig, Germany.
5. Assistant professor of parasitology March 2015, department of Parasitology, Faculty of Veterinary Medicine, University of Kafrelsheikh
6. Professor of parasitology April 2021, department of Parasitology, Faculty of Veterinary Medicine, University of Kafrelsheikh
7. Head of the department of Parasitology, Faculty of Veterinary Medicine, University of Kafrelsheikh (October, 2021 – current)
8. Associate trainer of Human Resources in IFLDC (International Center of Faculty Leadership Development Center) of Kafrelsheikh University , Egypt. (Currently).
9. Vice President of Quality Assurance and Accreditation Unit of the Faculty of Veterinary Medicine, Kafrelsheikh University, Egypt.
10. Parasitology Expert in Alhamra Veterinary Diagnostic Laboratory, Alhamra, Adakhlyia Province, Sultanate of Oman (from 18th August 2013 to 30th June 2015)
11. Parasitology Expert in Cenetral Laboratory for Animal Health, Muscat, Sultanate of Oman (from 1st July 2015 continued)
12. Trainer of Thinqi-LMS in the university of Kafrelsheikh (TOT holder July,2022)
13. Visiting Expert to the department of Animal Health and Veterinary Monitoring, Ryadh, Kingdom of Saudi Arabia (from 10th August to 8th October 2022).
14. Head of the examination controller board of 4th year in the faculty of veterinary medicine.



Scholarships and grants:

- Four years scholarship which was fully funded from Egyptian Ministry of Higher Education and Scientific Research to conduct PhD studies in the Institute of Parasitology, Leipzig University, Germany for 3 months (from September 2005 to December 2009).

Language skills :

- Arabic (excellent), English (very good), German (excellent, ZMB certificate holder), and French (fair)

Computer skills :

- Holder of ICDL (international computer deriving licence), Microsoft word, PowerPoint presentations, excel and data processing programs .
- Reference Manager version 11 and EndNote program.
- SPSS and GraphPad
- Application of Geographical Information System in Animal Disease Surveillance and Control using QGIS mapping software.

Awards:

Kafrelsheikh University award for international Scientific publishing, 2010-2021

Peer reviewer in

SVU-International Journal of Veterinary Sciences

Journal of the Saudi Society of Agricultural Sciences

PARASITOLOGY INTERNATIONAL

Member of following Research Projects:

1. Fascioliasis; the role of animal reservoirs and the risks to human and livestock (Tanta university research fund, 2000-2003)
2. Advanced studies on fish tissue parasites in Kafr El-Sheikh governorate (Agriculture research center, Egypt)
3. Role of migratory birds in transmission of parasitic diseases in Kafr El-Sheikh governorate (100,000 Egyptian pounds, Tanta university, 2002-2004).
4. Joined an experience sharing mission for design, preparing and operating Kismayo quarantine official of the Jubaland State of Somalia as a Regional Livestock Export Quarantine (FAO funded, July-August 2018)

Practical experiences and techniques

1. Microscopy (Light, fluorescent, inverted, phase contrast, confocal laser microscope) and morphometric techniques
2. PCR and its related techniques (Primer design, DNA extraction, PCR reaction optimization, reading results, real-time PCR)
3. Gene cloning, sequencing and phylogenetic tree
4. Enzyme Linked Immunosorbent Assay ELISA, Immunofluorescent Antibody techniques
5. Cell culture and relate techniques
6. Bacterial culture, staining, chemical and molecular identifications
7. Fluorescence-activated cell sorting (FACS) as a technique to purify specific cell populations based on phenotypes detected by flow cytometry.
8. Percoll® density gradient centrifugation protocol for centrifugation of cells, viruses, and subcellular particles.



Quality accreditation and control courses and activities:

- Certified Associate trainer from ICBT (international Board of Certified Trainers) and NCFLD (National Center for Faculty and Leadership development)
- Attended courses held in National Authority for quality assurance and accreditation of Education for both University education level and Pre-University education level
 - Strategic planning
 - Description of programs and courses
 - Teaching strategies
 - Exam systems and evaluation of learning outcomes
 - External review of faculties and institutes of higher education
 - Protocols for the external review visit to colleges and institutes of higher education
 - Self-evaluation of educational programs for faculties and institutes of higher education
- External Reviewer for NAQAA upto April 2022
- TOT holder and certified trainer for Thinqi LMS platform for higher education July 2022

Areas of interests :

1. Diagnostic Molecular Biology and Immunoparasitology.
2. Tropical and Zoonotic Parasites (Malaria, Leishmania, Fasciola, Cryptosporidium, Trypanosomes, Toxoplasmosis).
3. Food-borne Parasites, Avian Parasites and Parasites of Farm animals.
4. Camel diseases especially parasites and their effects on the camel performance.
5. Tick identification and tick-borne diseases

For more details, Websites & important links for *Reda E. Khalafalla*

<https://orcid.org/0000-0002-1810-9501>

<https://www.webofscience.com/wos/author/record/Q-7880-2019>

Web of Science ResearcherID: Q-7880-2019

<https://scholar.google.com/citations?user=aJXMHr4AAAAJ&hl=en>

<https://www.researchgate.net/profile/Reda-Khalafalla-2>

<https://www.scopus.com/authid/detail.uri?authorId=26654847900>

Kafr El-Sheikh, 2022

Reda E. Khalafalla