



## CURRICULUM VITAE

**Dr. Rewaida Abdel-Hakim Abdel-Gaber Abdel-Hakim**  
**Assistant Professor of Parasitology, Zoology Department**  
**Faculty of Science, King Saud University**

<b>Name</b>	Rewaida Abdel-Hakim Abdel-Gaber Abdel-Hakim
<b>Academic degree</b>	M.Sc. – Ph.D.
<b>Date of Birth</b>	27-03-1985
<b>Gender</b>	Female

<b>Nationality</b>	Egyptian
<b>E-mail</b>	<a href="mailto:rewaida@sci.cu.edu.eg">rewaida@sci.cu.edu.eg</a>
<b>Specialization</b>	Parasitology
<b>Present Position</b>	Assistant Professor in Zoology Dep., Faculty of Science, King Saud University, Saudi Arabia
<b>Academic qualifications</b>	B.Sc. in Zoology and Chemistry, Faculty of Science, Cairo University, Egypt 2005 M.Sc. in Zoology (Immunology and Parasitology), Cairo University, Egypt 2009 Ph.D. (Parasitology), Faculty of Science, Cairo University, Egypt 2012
<b>Professional qualifications</b>	Demonstrator in Zoology Department, Faculty of Science, Cairo University, Egypt 2005 Assist. Lecturer in Zoology Department, Faculty of Science, Cairo University, Egypt 2009 Lecturer in Zoology Department, Faculty of Science, Cairo University, Egypt 2012 Assistant Professor in Zoology Department, Faculty of Science, Cairo University, Egypt 2017 Assist. Professor in Zoology Department, Faculty of Science, King Saud University, KSA 2017
<b>Theses Supervision</b>	Participated in the supervision of about 10 of the Master's and doctoral degrees at Cairo University
<b>Scientific books</b>	Six internationally published books in LAMBERT academic publisher. 1- Role of fish parasites as a biological indicator of water pollution. 2- Water quality and prevalence of parasitic infections in Burullus Lake. 3- Biological studies on some myxozoan and microsporidian parasites. 4- Parasitic ciliates of Egypt: A model of cutaneous infection. 5- Ontogenic maturation and gene expression in <i>Procambarus clarkii</i> . 6- Antiviral immunity in the Red Swamp Crayfish <i>Procambarus clarkii</i> .
<b>Scientific Awards</b>	1- Best Ph.D. Thesis on the level of the Faculty of Science, Cairo University for the academic year 2012-2013. 2- University bonus for the dissemination of scientific research for the year 2012-2013. 3- University bonus for the dissemination of scientific research for the year 2013-2014. 4- University bonus for the dissemination of scientific research for the year 2014-2015. 5- The Best Poster Presentation Award from Microscopy Conference which held at Göttingen in Germany, 2015. 6- University bonus for the dissemination of scientific research for the year 2015-2016.
<b>Scientific Research Projects</b>	The scientific project was done under the title of: "Morphological and molecular characterization on parasites infecting some economic fishes in Egypt", and approved from Faculty of Science , Cairo University for funding, in 2014
<b>Professional Memberships</b>	1- Member of the Egyptian-German Society of Zoology in Faculty of Science, Cairo University, Cairo, Egypt from 2005 till now. 2- Member of the British Society of Parasitology (BSP) in Robinson College, Cambridge University, Cambridge, England from 2014 till now. 3- Member of the jury for the competition of scientific excellence Cup Vanguards members of youth centers which organized by the central administration of the Vanguards under the auspices of the Ministry of Youth and Sports from 2014 till now.

### **List of Publications:**

- 1- Morphological re-description and phylogenetic relationship of five myxosporean species of family Myxobolidae infecting the Nile tilapia *Oreochromis niloticus* (Perciformes: Cichlidae)**  
Abdel-Gaber R, Abdel-Ghaffar F, Maher S, El-Mallah A, Al Quraishy S, Mehlhorn H. Diseases of Aquatic Organisms 2017, 124(3):201-214
- 2- Supplementary studies of *Pleurogenoides medians* (Digenea: Lecithodendriidae) infecting the Marsh frog *Rana Ridibunda* (Amphibia: Ranidae) in Egypt.**  
Abdel-Gaber R, Maher S, Kamel R, El Deeb N. Beni-Suef University Journal of Basic and Applied Sciences 2017, [under publication]
- 3- Diversity and host distribution of the external gill parasite *Lamproglana monodi* (Copepoda: Lernaeidae) among Tilapia species in Egypt: Light and scanning electron microscopic studies.**  
Abdel-Gaber R, El Deeb N, Maher S, Kamel R. Egyptian Journal of Experimental Biology (Zoology) 2017, 13(1): 23–30.



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- 4- Morphological re-description of *Electrotaenia malapteruri* (Cestoda: Proteocephalidae) and *Dujardinascaris malapteruri* (Nematoda: Heterocheilidae) infecting the Electric catfish *Malapterurus electricus* and heavy metal accumulation in host and parasites in relation to water and sediment analysis in Lake Manzala, North Delta, Egypt.  
Abdel-Gaber R, Abdel-Ghaffar F, Shazly MA, Morsy K, Al Quraishy S, Mohamed S, Mehlhorn H. Acta Parasitologica 2017, 62 (2): 319-335.
- 5- Morphological description of *Cosmocerca* sp. (Nematoda: Cosmocercidae) from the Mascarene grass frog *Ptychadena cf. mascareniensis* (Amphibia: Ptychadenidae). A light and scanning electron microscopic studies  
Abdel-Gaber R, Abdel-Ghaffar F, Kamel R, Maher S, El Deeb N, Al Quraishy S, Mehlhorn H. Acta Parasitologica 2017, 62 (2): 449-458.
- 6- Conformational studies for the presence of coccidian parasites on white spotted gecko *Tarentola annularis* (Chordata: Gekkonidae) in Egypt.  
Abdel-Gaber R, Maher S, El Deeb N. International Journal of Current Research. 2017, 9 (2): 46023-46032.
- 7- Morphological and ultrastructural characteristics of *Myxobolus ridibundae* n. sp. (Myxosporea: Bivalvulida) infecting the testicular tissue of the marsh frog *Rana ridibunda* (Amphibia: Ranidae) in Egypt.  
Abdel-Ghaffar F, Abdel-Gaber R, Maher S, El Deeb N, Kamel R, Al Quraishy S, Mehlhorn H. Parasitol. Res. 2017, 116: 133-141.
- 8- Diversity and comparative studies on *Bulinus* snails collected from two localities in Egypt.  
El-Dien AH, Abu El Einin H, Abdel-Gaber R, Mansour S. J. Egypt. Soc. Parasitol. 2016, 46(3): 509-518
- 9- Morphological re-description and molecular characterization of *Kudoa pagrusi* (Myxosporea: Multivalvulida) infecting the heart muscles of the common sea bream fish *Pagrus pagrus* (Perciformes: Sparidae) from the Red Sea, Egypt.  
Abdel-Ghaffar F, Abdel-Gaber R, Maher S, Al Quraishy S, Mehlhorn H. Parasitol. Res. 2016, 115(8): 3175-84.
- 10- Morphological re-description and new geographical records for three digenean parasites infecting African sharptooth catfish *Clarias gariepinus* (Pisces: Clariidae) in Egypt.  
Abdel-Gaber R, Sakarn T, El-Shahawi G, El-Fayoumi H, Mohammed R. Parasitol. Res. 2016, 115(11): 4251-4260.
- 11- First Record of *Anisakis simplex* Third-Stage Larvae (Nematoda, Anisakidae) in European Hake *Merluccius merluccius lessepsianus* in Egyptian Water.  
Abo-Rahma Y, Abdel-Gaber R, Kamal Ahmed A. J. Parasitol. Res. 2016, 1-8.
- 12- Interaction between the intestinal parasite *Polyonchobothrium clarias* (Cestode: Ptychobothriidae) from the African sharptooth catfish *Clarias gariepinus* and heavy metal pollutants in an aquatic environment in Egypt.  
Abdel-Gaber R, Abdel-Ghaffar F, Bashtar A-R, Morsy K, Saleh R. J. Helminthol. 2016, 8: 1-11.
- 13- *Syphacia obvelata* (Nematode, Oxyuridae) infecting laboratory mice *Mus musculus* (Rodentia, muridae): Phylogeny and host-parasite relationship.  
Abdel-Gaber R. Parasitol. Res. 2016, 115(3): 975-85.
- 14- Taxonomical and Phylogenetic characterizations of a new intestinal parasite *Proenenterum myripristiae* (Digenea, Lepocreadiidae) infecting pinecone soldier fish *Myripristis murdjan* (Beryciformes, Holocentridae) from red sea, Egypt.  
Abdel-Gaber R, Abdel-Ghaffar F, Bashtar A-R. International Journal of Current Research 2015, 7 (12): 23496-23503.
- 15- Molecular characterization and new geographical record of *Lecithochirium priacanthi* (Digenea: Hemiuridae) infecting the moontail bullseye fish *Priacanthus hamrur* (Perciformes: Priacanthidae) from the Red Sea, Egypt.  
Abdel-Ghaffar F, Abdel-Gaber R, Bashtar A-R, Morsy K, Al Quraishy S, Saleh R, Mehlhorn H. Parasitol. Res. 2015, 114: 4471-4477.
- 16- New geographical record of *Orientocreadium batrachoides* (Digenea, Orientocreadiidae) of African Sharptooth Catfish *Clarias gariepinus* in Egyptian water.  
Abdel-Gaber R, Abdel-Ghaffar F, Morsy K, Bashtar A-R, Saleh R. Ciencia e Tecnica Vitivinicola, 2015, 30 (9): 140-145.
- 17- *Aspicularis tetrapetra* (Nematode: Heteroxynematidae) of Laboratory mice *Mus musculus* (Rodentia: Muridae): A potential risk of zoonotic infection for researchers.  
Abdel-Gaber R, Fol M. Ciencia e Tecnica Vitivinicola. 2015, 30 (8): 125-136.
- 18- Prevalence and intensity of helminth parasites of African catfish *Clarias gariepinus* in Lake Manzalah, Egypt.  
Abdel-Gaber R, El Ghary M, Morsy K. Advances in Bioscience and Biotechnology 2015, 6: 464-469.
- 19- *Hysterothylacium aduncum* (Nematoda, Anisakidae) with a new host record from the common sole *Solea solea* (Soleidae) and its role as a biological indicator of pollution.  
Abdel-Ghaffar F, Abdel-Gaber R, Bashtar A-R, Morsy K, Mehlhorn H, Al Quraishy S, Saleh R. Parasitol. Res. 2015, 114(2): 513-22.
- 20- *Cucullanus egyptae* sp. nov. (Nematoda, Cucullanidae) infecting the European eel *Anguilla anguilla* in Egypt. Morphological and molecular phylogenetic studies.  
Abdel-Ghaffar F, Bashtar A-R, Abdel-Gaber R, Morsy K, Mehlhorn H, Al Quraishy S, Mohammed S. Parasitol. Res. 2014, 113(9): 3457-65.



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- 21-Prevalence, morphology and molecular analysis of *Serrasentis sagittifer* (Acanthocephala: Palaeacanthocephala: Rhadinorhynchidae), a parasite of the Gilthead Sea bream *Sparus aurata* (Sparidae).**  
 Abdel-Ghaffar F, Morsy K, Abdel-Gaber R, Mehlhorn H, Al Quraishy S, Mohammed S. Parasitol. Res. 2014, 113(7):2445-54.
- 22-Morphological and Molecular characterization of *Lecithochirium grandiporum* (Digenea: Hemiuridae) infecting the European eel *Anguilla anguilla* as a new host record in Egypt.**  
 Abdel-Ghaffar F, Bashtar A-R, Heinz Mehlhorn, Abdel-Gaber R, Saleh R. Parasitol. Res. 2013, 112(9): 3243-50.
- 23-Morphological and Phylogenetic analysis of *Echinocephalus carpioe* n. sp. (Nematoda: Gnathostomatidae) infecting the Common carp *Cyprinus carpio* inhabiting Burullus Lake as a new host record in Egypt.**  
 Abdel-Ghaffar F, Bashtar A-R, Mehlhorn H, Abdel-Gaber R, Al Quraishy S, Saleh R. Parasitol. Res. 2013, 112: 4021-4028.
- 24-Immunological and molecular detection of digeneatic infections in different species of Egyptian freshwater snails.**  
 El-Dien AH, Varjabedian KG, Abdel-Gaber R, Hassan H, Abdel-Halim N. J. Egypt. Soc. Parasitol. 2013, 43(1):167-182.
- 25-Histopathological Study of the Lymphoid Organs in Different Species of Egyptian Rats.**  
 El-Dien AH, Abdel-Gaber R, Mahmoud H. J. American Sci. 2013, 9(3): 93-105.
- 26-Ontogenic Maturation of Hemocyte Production and Gene Expression in the Hematopoietic System of *Procambarus clarkii*.**  
 El-Dien AH, Varjabedian KG, Abdel-Gaber R, Mohamed M. J. American Sci. 2013, 9 (2): 213-220.
- 27-Osteoclastogenesis and lymph node organogenesis in different species of Egyptian rats.**  
 El-Dien AH, Abdel-Gaber R. J. Egypt. Soc. Parasitol. 2013, 43(1): 57 – 70.
- 28-Antiviral immunity in the red swamp crayfish, *Procambarus clarkii*: hemocyte production, proliferation and apoptosis.**  
 El-Dien AH, Varjabedian KG, Abdel-Gaber R, Mohamed M. J. Egypt. Soc. Parasitol. 2013, 43(1): 71 – 86.
- 29-First report of *Kudoa* species (Myxozoa: Kudoidae) infecting the spotted coral grouper *Plectropomus maculatus* from the Red Sea. A light and ultrastructural study.**  
 Abdel-Ghaffar F, Morsy K, Mehlhorn H, Bashtar A-R, Shazly MA, Saad AH, Abdel-Gaber R. Parasitol. Res. 2012, 111(4): 1579-85.
- 30-Morphology and small subunit ribosomal DNA sequence of *Henneguya suprabranchiae* (Myxozoa), a parasite of the catfish *Clarias gariepinus* (Clariidae) from the River Nile, Egypt.**  
 Morsy K, Abdel-Ghaffar F, Bashtar A-R, Mehlhorn H, Al Quraishy S, Abdel-Gaber R. Parasitol. Res. 2012, 111(4): 1423-35.
- 31-Ultrastructure and molecular phylogenetics of a new isolate of *Pleistophora pagri* sp. nov. (Microsporidia, Pleistophoridae) from *Pagrus pagrus* in Egypt.**  
 Morsy K, Abdel-Ghaffar F, Mehlhorn H, Bashtar A-R, Abdel-Gaber R. Parasitol. Res. 2012, 111(4):1587-97.
- 32-Morphological and molecular biological characterization of *Pleistophora aegyptiaca* sp. nov. infecting the Red Sea fish *Saurida tumbil*.**  
 Abdel-Ghaffar F, Bashtar A-R, Morsy K, Mehlhorn H, Al Quraishy S, Al-Rasheid K, Abdel-Gaber R. Parasitol. Res. 2012, 110(2): 741-52.
- 33-*Ichthyophthirius multifiliis* infection induces apoptosis in different species of *Tilapia*.**  
 El-Dien AH, Abdel-Gaber R. J. Egypt. Soc. Parasitol. 2009, 39(2):665-678.

Scientific conferences attended	Title	Awarding Institution	Date
	Bio-Rad Life Science Seminar, Genomics and Proteomics Advanced Research Solutions Conference	Cairo University, Egypt	2009
	International Conference of the Egyptian-German Society of Zoology	Kefir El-Sheikh, Egypt	2011
	The seventh international conference on biological sciences Conference	Tanta University, Egypt	2012
	British Society of Parasitology (BSP) conference	Cambridge University, Cambridge, England	2014
	PRIM&R's 2015 Institutional Animal Care and Use Committee Conference	Boston, MA, USA	2015
	9th International Symposium on Fish Parasites Conference	Valencia, Spain	2015
	Microscopy Conference	Göttingen, Germany	2015
	12 <sup>th</sup> Annual International Conference and Workshop of the Egyptian Society of Experimental Biology	Cairo University, Egypt	2016
	7 <sup>th</sup> International Conference on Natural Toxins	Suez Canal University, Ismailia, Egypt	2016
	13 <sup>th</sup> Annual International Conference and Workshop of the Egyptian Society of Experimental Biology	Cairo University, Egypt	2017



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Scientific workshops attended	Title	Awarding Institution	Date
	Photoshop, Coral Draw, Free Hand	Faculty of Science - Cairo University	2010
	التحليل الإحصائي باستخدام برنامج SPSS	Faculty of Science - Cairo University	2011
	Ethics in Science	Faculty of Science - Cairo University	2012
	References and Data Management Using EndNote X5 Software	Faculty of Science - Cairo University	2012
	الضوابط الأخلاقية للبحوث العلمية وتطبيقاتها في خدمة المجتمع	Faculty of Science - Tanta University	2012
	DNA Extraction and PCR application	Faculty of Science - Cairo University	2013
	Designing Scientific Posters	Faculty of Science - Cairo University	2014
	Biosafety and Responsible Science	Faculty of Science - Cairo University	2014
	Standards and Ethics of the International Publication	National Research Centre, Cairo, Egypt	2014
	Entrepreneurship and Innovation in Science	Faculty of Science - Cairo University	2015
	Basic Research Competency Program for Research Co-coordinators	Kasr Al Ainy – Faculty of Medicine	2016
Computer Skills	Microsoft office, Photoshop, Draw coral, Free Hand ICDL (International Computer Driving License), from Academy of Scientific Research program for young researchers known as capacity development" of Egypt for the next generation of scientists, 2007.		
Language Skills	Arabic (mother language) English (first foreign language) 1- TOFEL (Test of English as a Foreign Language), from Center for foreign languages and professional translation (C.L.T) in Faculty of Arts, Cairo University, in 2008. 2- IELTS (International English Language Testing System), from British Council, Egypt, 2016 Deutsch (second foreign language)		
Academic activities	Participation in: 1- First to Fourth Friendship Tournament between different Universities in Egypt 2- Environmental Awareness Week, in Faculty of Science, Cairo University, Egypt 3- First festival for students for expatriates, in Faculty of Science, Cairo University, Egypt 4- Committee of scientific activity, Faculty of Science, Cairo University, Egypt 5- Committee for laboratories and scientific equipment, Zoology Department, Faculty of Science, Cairo University, Egypt 6- Committee on Graduate Studies, Faculty of Science, Cairo University, Egypt 7- Day meet of Zoology Department, Faculty of Science, Cairo University, Egypt 8- National Gathering for faculty members and their assistants in universities and institutes Egyptian-themed roles and new visions for the future and that occurred in youth city in Alexandria. 9- Micro-technique and Scientific committee in Zoology Department, Faculty of Science, Cairo University, Egypt 10- Commission on Graduate Studies and Research, Department of Zoology, Faculty of Science, Cairo University, Egypt 11- Activities of the elections for the student union in Faculty of Science, Cairo University, Egypt		
Academic positions	Consultant of the Dean college of the phones commissions Consultant of Rameda company in the Faculty of Science, Cairo University Active member in effective planning and services organized by the Ministry of Social Solidarity Project Official coordinator of Faculty of Science at the Committee against harassment and violence against women		
Activities in Scientific Societies	Reviewer in the International Journal of Aquaculture, Journal of Advances in Biology and Biotechnology, Journal of the American Association for Laboratory Animal Science, OMICS Publishing - OMICS Group, British Biotechnology Journal, British Journal of Pharmaceutical Research, Journal of Veterinary Medicine and Animal Health, Global Journal of Allergy, International Journal of Tropical Disease and Health, British Microbiology Research Journal, Medical Research Archives Academic Editor in Bacteriology and Virology Research Journal, Journal of Applied Life Sciences International		