

*Ahmed Anwar Abdel Aal Curriculum vitae*  
*Professor of Parasitology, Faculty of Vet. Medicine,*  
*Suez Canal University*

*Ahmed Anwar Abdel Aal*



*Born in Zagazig, Sharkia, Egypt in June, 11, 1963*  
*Married and have one son and one daughter*  
*Home address: Bld8, App.7, El shekh Zaid, Ismailia, Egypt*  
*Work address: Fac. Vet. Med., Suez Canal University, Ismailia,*  
*Egypt*  
*Phone number: 01003732062*  
*Email: [drahmed\\_anwar@yahoo.com](mailto:drahmed_anwar@yahoo.com)*  
*Passport number: A07096298*

*Academic Records*

*Education*

*Primary School: Bani Amer Primary School 1969-1975*  
*Prep. School: Ahmed Orabi Prep School 1976-1978*  
*Sec. School: Ahmed Orabi Sec. School 1979-1981*

*Qualifications*

*Bachelor: Of Vet. Medical Sciences 1986 Fac. Vet. Med. Zagazig Univ.*  
*(Very good)*  
*M.V.Sc.: of Vet. Medical Sciences "Parasitology" 1990-Fac. Vet. Med. Suez*  
*Canal Univ.*  
*Ph.D.: of Vet. Medical Sciences "Parasitology" 1994 -Fac. Vet. Med. Suez*  
*Canal Univ.*

*Professional affiliations*

*At Faculty of Vet. Medicine, Suez Canal University*  
*Demonstrator of Parasitology: In Department of Parasitology-starting 30/11*  
*/1986*  
*Ass. Lecturer of Parasitology: In Department of Parasitology-starting*  
*8/8/1990.*  
*Lecturer of Parasitology: In Department of Parasitology-starting 26/9/1994*  
*Assoc. Professor of Parasitology: In Department of Parasitology-starting*  
*26/10/1999.*  
*Professor of Parasitology: In Department of Parasitology-starting 26/10/20*  
*.till now.*  
*Head Department of Parasitology: Faculty of Vet. Med. (14/8/2000-*  
*15/6/2004).*

*Teaching and Scientific Experiences*

### Teaching:

27 years experience in teaching of Parasitology courses (Introduction, General Parasitol., Helminthology, Protozoology, and Entomology) for under and graduate students (Med., Vet. Med., Pharm, Dents. Nursing, etc.).

### Traveling:

To USA starting June, 1992 till June, 1994 for completion of Ph. D. degree through the Egyptian Channel system program

### Conferences:

Secretary general of 1<sup>st</sup> and 2<sup>nd</sup> Scientific Conferences of the Egyptian Vet. Med. Soc. Parasitology  
-Secretary general of 5<sup>th</sup> scientific Conference of Faculty of Vet. Med. Suez Canal University  
Attending 30 conferences and Symposia in and out side Egypt.

### Establishing of Parasitology Department:

Considered one who established Department of Parasitology, Faculty of Vet. Med. Suez Canal University.  
-Sharing in preparing of Parasitology Museum Jars  
-Sharing in preparing of Permanent Slides for different types of Parasites.

### Supervision of the Theses:

Supervise 12 MVSc & PhD Theses in Parasitology and related sciences  
-Reviewed 15 Thesis & 40 papers in Parasitology  
Published papers: Published 33 scientific papers in different category of Parasitology.

### Published Books

"Veterinary Medical Protozoology" for Veterinary Students both under and graduate.

### Quality assurance and development of Education:

Member of quality assurance authority, Faculty of Vet. Med. Suez Canal Univ.  
Share in Preparing of Mission, Vision, Strategic Objectives as well as Program specification Faculty of Vet. Med. Suez Canal University  
Sharing in Preparing of QAAPII Program –Preparing the course specification of Parasitology as well as mission and vision of the Department of Parasitology, faculty of Vet. Med. Suez Canal University

### Review activity and editorial boards

Secretary General of Suez Canal Vet. Medicine J. (2007-2010)  
Suez Canal Vet. Medicine J. Reviewer  
J Egypt Vet. Med. Soc. Parasitol. Reviewer  
J FishHealthReviewer

## Research and Field Experiences

### Microscopical diagnosis:

*For different parasitic stages protozoa, helminthes and Arthropods*

*Serological diagnosis: For many parasitic species such as bilharsiasis and toxoplasmosis*

### Electron Microscopy:

*Broad experience in different methods and techniques of electron microscopy starting 1990 during the work in PhD and the papers for promotion.*

### Molecular Biology:

*Experience in several techniques of molecular biology specially electrophoresis, western immunopolt, PCR, Molecular cloning and recombinant DNA technology.*

### Control:

*Experience in control of many parasitic problems such as fasciolosis, bilharsiasis and toxoplasmosis...*

### Researches Topics:

*Working on different parasites of dogs, cats, rodents and wild animals and the role of these animals in transmission such parasites to man*

*-Working on the parasites of freshwater and marine fish and the role of fish in transmission of some zoonotic parasites to man*

*-working on the parasites of sheep, goat and camel in Sinai*

*-Working on parasites of migratory birds in Manzalah Lake and the role of migratory birds in transmission of some parasites to fish*

*-Working on zoonotic parasites such as Toxoplasmosis, Fasciolosis, Leishmaniasis and Trichinosis.*

## Research Projects

### Principle Investigator:

*For project "Control of Fasciolosis in animals and man" funded by French side with Ministry of Agriculture (1996-1999)*

### Co-Principle Investigator:

*For project " Control of bilharsiasis in Egyptian Farmer" funded by French side with Ministry of Agriculture (2000-2003).*

### Co-Principle Investigator:

*For project " Diagnosis of Cryptosporidium in drinking water" funded by Suez Canal University (2004-2007).*

## Membership and Society activities

Member of:

Egyptian Society of Parasitology  
Egyptian Vet. Med. Soc. Parasitology  
Egyptian Society for Wildlife  
Egyptian Society of Tropical Health

Treasure of:

Egyptian Vet. Med. Soc. Parasitology (2013 till now)

## Training activities

Trainer : in several workshops on parasites and parasitic diseases for veterinarians at veterinary authority in Suez Canal Zone.

Training of students of veterinary Medical college through field trips of Environmental Health Program, Suez Canal University.

*Dr./Ahmed Anwar El Sayed Abdel Aal*

*Professor of Parasitology*

*Fac. Vet. Med.*

*Suez Canal University*

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## *List of Publications*

- مدى انتشار مرض التايليريا وعلاجه في العائلة البقرية في محافظتي الإسماعيلية وبور سعيد.
- 1- Gattas, M. W. and Abdel Aal, A. A. (1995):  
Incidence and treatment of bovine theileriosis in Ismailia and Port Said Provinces.  
Zagazig Vet. J. 23 (5): 1-7.

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  - 2-Abou Eisha, A. M. and Abdel Aal, A. A. (1996):  
Some observations on toxoplasmosis in dogs and its public health significance.  
J. Egypt. Vet. Med. Assoc., 56 (3): 331- 348.

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  - 3-Abdel Aal, A.A. and Sahlab, A. M. (1998):  
Studies on the helminth parasites of camel in Suez Canal Zone.  
8<sup>th</sup> Sci. Con. 1998, Fac. Vet. Med. Assiut University, Egypt. 361- 373.

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  - 4-Hilali, M.A.; Hassan, M.G. and Abdel Aal, A.A. (1998):  
دراسات على الديدان الطفيلية التي تصيب الجمال في منطقة قناة السويس.

Studies on Protozoan parasites of Some Wild Mammals in Egypt.  
8<sup>th</sup> Sc. Conf. 1988 Fac. Vet Med. Assiut Univ., 374-386.

- دراسات على الإصابات الطفيلية في بعض أسماك المياه العذبة والتغيرات الباثولوجية المصاحبة لها.
- 5-Aly, S. A., Hassan, M. G. and Abdel Aal, A. A. (1998):  
Studies on parasitic infections among some fresh water fishes and their associated pathological lesions.  
4<sup>th</sup> Vet. Med. Zagazig Conf., 366 – 380.

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- توصيف الخاصية المستضدية للدودة الكبدية والدودة الكبدية العملاقة
- 6- Sahlab, A. M. and Abdel Aal, A. A. (1998):  
Characterization of antigenic property of *Fasciola hepatica* and *Fasciola gigantica*.  
5<sup>th</sup> Sci. Con. Vet. Med. J. Giza. 46 (4A): 507- 516.

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- دراسات على الديدان التي تصيب الطيور البرية منطقة قناة السويس وشبة جزيرة سيناء
- 7- Hassan, M. G. and Abdel Aal, A. A. (1999):  
Studies on helminth parasites infesting some wild birds in Suez Canal Area and Sinai Peninsula.  
Assiut Vet. J.40 (80): 103 – 118.

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- دراسات برازية على الطفيليات الداخلية لبعض الطيور الجارحة الحرة والأسيرة في مصر.
- 8-Abdel Aal, A. A. and Kamel, A. M. (1998):  
Coprological studies on the internal parasites of some free-ranging and captive raptors in Egypt.  
Alex. J. Vet. Sci. 14 (2): 11-21.

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- دراسات مرضية ومناعية لحويصلات الكريبتوسبورديا المشععة في الأرانب
- 9- Arafa, E. A., Sahlab, A. M. El- Sheshtawy, E. and Abdel Aal, A. A. (1998):  
Studies on pathogenicity and immunogenicity of irradiated *Cryptosporidium* oocysts in rabbits.  
SCVMJ, 2: 423 – 430.

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- مدى انتشار مرض الفاشيولا بين الإنسان والحيوانات في محافظة الإسماعيلية
- 10-Abdel Aal, A.A.; Abou Eisha, A.M. and El-Sheary, M.N. (1999):  
Prevalence of Fascioliasis among Man and Animals in Ismailia Province.  
Assiut Vet. Med. J., 41(81): 141-152.

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- دور الفئران كعائل خازن لبعض الطفيليات الداخلية وتأثيرها على الصحة العامة في منطقة قناة السويس
- 11- Abou Eisha, A. M. and Abdel Aal, A. A. (1997):  
The role of rats as reservoir of some internal parasites with possible public health implications in the Suez Canal Area.  
Assiut Vet. Med. J. 37 (73): 174-18

• دراسة على بعض الإصابات الطفيلية الحمام الأليف محافظة الإسماعيلية.

12- Ibrahim, A. I., Hassanin, H. H., Aly, S. M. and Abdel Aal, A. A. (1995):  
A study on some parasitic affections in domestic pigeons in Ismailia Province.  
Assiut Vet. Med. J., 34 (67): 153-161.

وفرة بعض الطفيليات المشتركة الفضلات البرازية للكلاب محافظة الإسماعيلية.  
13-Abou Eisha, A. M. and Abdel Aal, A. A. (1995):  
Prevalence of some zoonotic parasites in dog faecal deposits in Ismailia City.  
Assiut Vet. Med. J., 33 (66): 119-126.

دراسات على الأمراض الطفيلية الجلدية البلطي الهجين.  
14- Badran, A. F., Aly, S. M. and Abdel Aal, A. A. (1996):  
Studies on skin parasitic diseases of hybrid Tilapia.  
Assiut Vet. Med. J., 35 (70): 163-175.

كريبتوسبورديم في مصادر مياه الشرب وأهميته كمرض مشترك  
15-Abou-Eisha, A.M.; Hussien, M.M.; Abdel Aal, A.A. and Saleh, R.S. (2000):  
*Cryptosporidium* in drinking water sources and its zoonotic importance.  
Minufiya Vet. J., 1 (1): 101-117.

دراسات ميكروسكوبية ضوئية واليكترونية على أوليات الميكروسبوريا في بعض الأسماك البحرية مع وصف لنوعين جديدين.  
16- Abdel Aal, A. A., Badawy, G.A. and Gattas, M. W. (2001):  
Light and Electron Microscopic Studies on Myxosporean Protozoans of Some Marine Fishes with Description of Two New Species.  
Assiut Vet. Med. J., 44: 215-231.

طفيليات المونوجينيا في بعض الأسماك البحرية، التوزيع الدقيق ووصف لثلاثة أنواع جديدة.  
17- Abdel Aal, A. A., Gattas, M. W. and Badawy, G.A. (2001);  
Monogenean Parasites of Some Marine fishes, Microhabitat Distribution and Description of Three New Species.  
Assiut Vet. Med. J., 45: 222-238.

بعض المتقويات ثنائية العائل من النورس ذو الرأس السوداء المصطاد من شواطئ بحيرة المنزلة والبحر المتوسط عند مدينة بور سعيد.  
18- Abdel Aal, A. A., Badawy, G.A. and Gattas, M. W. (2001):  
Some Digenetic Trematodes of The Black-Headed gulls (*Larus ridibundus*) Caught from El-Manzala Lake and Mediterranean Sea at Port Said City.  
J. Egypt. Vet. Med. Assoc., 61: 145-161.

دراسات على مرض كالنترارنكا في السمكة البحرية الزرقاء (البلميطة) من البحر الأحمر عند مدينة السويس  
19-Eissa, A.M.; Aly, S.M. and Abdel Aal, A.A. (2001):  
Studies on Callitetrarhynchosis among Marine Bluefish, *Euthynnus*

*affinis* (Balamita) from The Red Sea in Suez Province. ,  
J. Vet. Res., III (2): 56-77.

انتشار عدوى المقوسات القندية في الجمال في محافظتي الإسماعيلية وشمال سيناء.

20- Abou-Eisha, A. M. and Abdel Aal, A. A. (2002):

Prevalence of *Toxoplasma gondii* infection in cantels in  
Ismailia and North Sinai Provinces.

1<sup>st</sup> Int. Sci. Conf. Fac. Vet. Med. South Valley Univ. Qena-Egypt, 10-11  
March: 69-74.

هيتيروسبوريس (بليستوفورا) أنجيولارم (بروتوزوا : ميكروسبورديا) في عضلات ثعبان السمك  
المصري (أنجيولا أنجيولا).

21- Abdel Aal, A. A. (2002):

*Heterosporis (Pleistophora) anguillarum* (Protozoa : Microsporidia) in  
the Musculature of the Egyptian Eel (*Anguilla anguilla*).

Suez Canal Vet. Med. J. Special Issue for 2<sup>nd</sup> Sci. Conf., V(1): 17-26.

دراسات مجهرية ضوئية واليكترونية على نوع سبلنديدوفيلاريا (فيلارويديا : أونكوسيركيدي)  
الأنسجة التحتجلدية في البومة المحدودة (أثين نوكتوا)

22- Abdel Aal, A. A. and Desouky, A. Y. (2002):

Microscopical Studies (Light and Scanning Electron Microscopy) on  
*Splendidofilaria* sp. (Filarioidea : Onchocercidae) from Subcutaneous  
tissues of the Little Owl (*Athene noctua*) in Egypt.

Suez Canal Vet. Med. J. Special Issue for 2<sup>nd</sup> Sci. Conf., V(1): 343-358.

بعض القشريات مجدافية الأرجل التي تصيب بضع الأسماك البحرية في مصر.

23- Abdel Aal, A. A. (2002):

Some Copepod Crustacea Infesting Some Marine Fish in Egypt.

Kafr El-Sheikh Vet. Med. J. Special Issue for 1<sup>st</sup> Sci. Conf., 1: 165-183.

دراسات إكلينيكية على الأمراض الطفيلية في أسماك الزينة والإصابات الباثولوجية المصاحبة لها

24- Eissa, I.M.; Badran, A.; Aly, S.M. Abdel Aal, A.A. And Heba, A. (2002):

Clinical studies on Parasitic diseases among Some Ornamental Fishes and their  
associated Pathological Lesions.

Suez Canal Vet. Med. J. Special Issue for 2<sup>nd</sup> Scientific Conference October  
2002, (1): 301-322.

الطفيليات الداخلية في بعض السمان المهاجر والمستزرع في مصر

25- Abdel Aal, A. A. and El-Sayed, N.M. (2003):

Internal Parasites of Some Migrant and Farmed Quails in Egypt.

Egypt. Vet. Med. Soc. Parasitol. J., 1: 29-47.

التركيب السطحي الدقيق لكاردوسيفاليس لونجيكوليس (ثنائيات العائل : ستريجيدا) من نورس الرنجة  
(لارس أرجينتاتس) والإصابات المرضية المصاحبة لها.

26- Abdel Aal, A. A., Soliman, M.F. and Shalaby, I.M. (2003):

Surface Ultrastructure of *Cardiocephalus longicollis* (Digenea : Strigeidae) from Herring Gull (*Larus argentatus*) and Associated Pathological Lesions.

Egypt. Vet. Med. Soc. Parasitol. J., 1: 49-62.

المأوى والتركيب السطحي الدقيق لنيوثرأكوكونيل كوميرسون و برايسا مولتى (مونوجينيا : ميكروكوتيلويديا) من سمكة الدراك.

27- Abdel Aal, A. A. and Soliman, M.F. (2004):

28- Microhabitat and Surface Ultrastructure of *Neothoracocotyle commersoni* and *Pricea multae* (Monogenea : Microcotyloidea) from Scombrid fish (*Somberomeros commerson*).

J. Egypt. Soc. Parasitol.,

29-Abu Hashish, A.; Abdel Aal, A.; Abu Ghalia, A. and Soliman, M. (2009): Insects as vectors of parasites in Ismailia governorate. SCVMJ, XIV(2):213-222.

30-AboElHassan, E.M.; AdelAal, A.A.; Hassan, M.G. and El Gawady, H.M. (2012): Light and Scanning Electron Microscopic Studies on *Boophilus annulatus*. Egy. Vet. Med. Soc. Parasitol.,

31-AboElHassan, E.M.; AdelAal, A.A.; Hassan, M.G. and El Gawady, H.M. (2012): Light and Scanning Electron Microscopic Studies on *Rhipicephalus sanguineus* . Egy. Vet. Med. Soc. Parasitol.,

32-Sallam, N.H.; Youssef, E. M.; AdelAal, A.A.; and El Gawady, H.M. (2012): Serological Studies on *Toxoplasma gondii* in Sheep and Goat in Ismailia Province. Egy. Vet. Med. Soc. Parasitol.,

33-Sallam, N.H.; Youssef, E. M.; AdelAal, A.A.; and El Gawady, H.M. (2012): Molecular Studies on the coccidian parasite *Toxoplasma gondii* in Sheep and Goat. Egy. Vet. Med. Soc. Parasitol.,