



كلية الطب البيطري
كلية معتمدة من الهيئة القومية
لضمان جودة التعليم والاعتماد



جامعة أسيوط

السيرة الذاتية

للسيدة الدكتورة / إبتسام سيد حسن عبدالله
أستاذ أمراض الأسماك ورعايتها بقسم طب الأحياء المائية ورعايتها

Name: Ebtsam Sayed Hassan Abdallah
Birth date: 03.09.1974
Place of Birth: Assiut, Egypt
Nationality: Egyptian
Marital status: Married
Language: Arabic, English, German
Affiliation: Aquatic Animal Medicine and Managements, Department of Aquatic Animal Medicine and Management, Faculty of Veterinary Medicine, Assiut, University, 71526 Assiut, Egypt
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Education:

1993-1997: Student at Faculty of Veterinary Medicine, Assuit University, Assuit.
1997-2002: Demonstrator of fish diseases & Management, Faculty of Veterinary Medicine, Assuit
2002-2004: Assistant lecturer of fish diseases & Management, Faculty of Veterinary Medicine, Assuit
2007-2010: PhD student in Hiroshima University, Japan
Feb. 2011-2019: Assistant Prof. at Fac. Vet. Med. Assiut University, Assiut, Egypt.
Feb. 2019-Jan 2024.....: Associate Prof. at Fac. Vet. Med. Assiut University, Assiut, Egypt
Feb.2024- till now Prof. at Fac. Vet. Med. Assiut University, Assiut, Egypt.

Degrees:

1997: Bachelor of Veterinary Medical Sciences, Faculty of Veterinary Medicine, **Assiut University, Assiut, Egypt.** (Very good; 80.9%)
2002: Master degree in Fish Diseases and Management, Faculty of Veterinary Medicine, **Assiut University, Assiut, Egypt.**
2010: PhD degree in in Fish Diseases and Management, **Graduate school of biosphere Science, Hiroshima University, Japan.** Entitled "*Edwardsiella ictaluri* infection in ayu *Plecoglossus altivelis*"

Experiences:

Diagnosis of Fish diseases, Diagnosis of freshwater and marine crustacean diseases

Microbiology of aquatic animals and freshwater crustacea
Parasitology
Nanoparticles
Bacteriophage isolation, purification, identification
Mycology of aquatic animals: isolation, purification and identification
Phage therapy of Bacterial infections in Fish
Scanning electron microscopy (TEM, SEM)
Biotechnology in Fish Diseases
DNA/RNA isolation, PCR, nested PCR, Real-time PCR, RNA interference
Proteomics; SDS-PAGE, Western blot.

Teaching and course coordination responsibilities

Teaching courses of

- 1-Bacterial diseases of Aquatic animals for under graduate students at faculty of Veterinary Medicine, Assiut University (AAM: 513), Minia University (PFD: 4165), South Vally University, and New Vally University
- 2- Mycotic diseases of Aquatic animals for under graduate students at faculty of Veterinary Medicine, Assiut University (AAM: 513), Minia University (PFD: 4165), South Vally University, and New Vally University
- 3-Viral diseases of Aquatic animals for under graduate students at faculty of Veterinary Medicine, Assiut University (AAM: 513), Minia University (PFD: 4165), South Vally University, and New Vally University
- 4-Parasitic affections of Aquatic animals for under graduate students at faculty of Veterinary Medicine, Assiut University (AAM: 513), Minia University (PFD: 4165), South Vally University, and New Vally University
- 5- Environmental diseases of Aquatic animals for under graduate students at faculty of Veterinary Medicine, Assiut University (AAM: 422), Minia University (PFD: 4266), South Vally University, and New Vally University
- 6-Nutritional disorders of Aquatic animals for under graduate students at faculty of Veterinary Medicine, Assiut University (AAM: 422), Minia University (PFD: 4266), South Vally University, and New Vally University
- 7-Aquaculture course of aquatic animals for under graduate students at faculty of Veterinary Medicine, Assiut University (AAM: 422), Minia University (PFD: 4266), South Vally University, and New Vally University
- 8-Postgraduate student courses in Faculty of Veterinary Medicine, Assiut University, Minia University, and New Vally University

For master students:

- Bacterial Diseases of fish (Vet/15D/Msc/01)
- Parasitic diseases of fish (Vet/15D/Msc/02)
- Non-infectious diseases of fish (Vet/15D/Msc/03)
- Mycotic Diseases of fish (Vet/15D/Msc/04)

For PhD students:

- Ornamental fish diseases (Vet/15D/PhD/01)
- Cultured catfish diseases (Vet/15D/PhD/02)

Cultured Nile tilapia diseases (Vet/15D/PhD/03)
Immunological responses to fish pathogens (Vet/15D/PhD/04)
Applied genetic engineering of fish pathogens (Vet/15D/PhD/05)
Mycotic Diseases of fish (advanced; Vet/15D/PhD/06)
Viral Diseases of fish (advanced; Vet/15D/PhD/07)

9-Fish Diseases course (Vet/15DP1/01) for postgraduate students (master and PhD students) in Faculty of Agriculture, Assiut University.

Scientific Achievements

- **Web of Science Researcher ID:** A-2326-2019
- **Scopus Researcher ID:** 57204176502
- **Orcid Researcher ID** 0000-0002-8585-8123
- **ResearchGate ID:** <https://www.researchgate.net/profile/Ebtsam-Hassan-Abdallah>
- **Google scholar ID** dsx1bgcAAAAJ
- **h- index (scopus):** 5
- **i10- index (Google scholar)** 8
- **Citation (Google scholar)** 139

<https://scholar.google.com/eg/citations?user=dsx1bgcAAAAJ&hl=en>

Scientific activities

A Researcher in the following projects:

1- Project title: RNA interference (RNAi) as a potential control for spring viraemia of carp virus in cultured carp and tilapia fish

Funding agency: Science & Technology Development Fund (No. 5652, Basic Science, Co-PI STDF)

Project duration: June 2014- 2020

Granted fund: 1 999 600 Egyptian pounds

2- Aquatic Animal Medicine unit international Accreditation project (LP10-002-ASSU)

Project duration: June 2016- December 2017

B. Membership

1- A member of Assiut Veterinary Medicine Research Ethics Committee (AVMREC).

2- A member of Society for Basic and Applied Mycology in Assiut Mycological Centre (AUMC).

Conferences

1. **Ebtsam Sayed Hassan**, Mahmoud Mostafa Mahmoud, Toshihiro Nakai (2009). Epidemiological studies on *Edwardsiella ictaluri* in ayu -I-Isolation of the agent from apparently healthy ayu. The Japanese Society of Fisheries Science, Spring meeting, Tokyo University, Japan.
2. **Ebtsam Sayed Hassan**, Mahmoud Mostafa Mahmoud, Toshihiro Nakai (2009). Epidemiological studies on *Edwardsiella ictaluri* in ayu -II-Phenotypic and Genetic comparison of the isolates. The Japanese Society of Fisheries Science, Spring meeting, Tokyo University, Japan.

3. [Ebtsam Sayed Hassan](#), Mahmoud Mostafa Mahmoud, Toshihiro Nakai, Osamu Kawaguchi, Yoshisuke Iida (2009). Epidemiological surveillance of *Edwardsiella ictaluri* in river ayu. The Japanese Society of Fisheries Science, Hiroshima University, Japan.
4. [Ebtsam Sayed Hassan](#), Mahmoud Mostafa Mahmoud, Toshihiro Nakai, Yoshisuke Iida (2009). Isolation of bacteriophages specific to a fish pathogen, *Edwardsiella ictaluri*. The Japanese Society of Fisheries Science, Hiroshima University, Japan.
5. [Ebtsam Sayed Hassan](#), Mahmoud Mostafa Mahmoud, Toshihiro Nakai, Kei Yuasa, Nguyen Huu Dung (2010). Epidemiological studies on *Edwardsiella ictaluri* in ayu -III- Serological characterization of *E. ictaluri* isolates from ayu. The Japanese Society of Fisheries Science, Spring meeting, Nihon University, Japan.
6. [Ebtsam Sayed Hassan](#), Mahmoud Mostafa Mahmoud, Toshihiro Nakai, Yoshihiko Sugimoto (2010). Epidemiological studies on *Edwardsiella ictaluri* in ayu -IV-Isolation of *E. ictaluri* from wild and cultured fish. The Japanese Society of Fisheries Science, Spring meeting, Nihon University, Japan.
7. [Ebtsam Sayed Hassan](#), Mahmoud Mostafa Mahmoud, Toshihiro Nakai, (2010). Isolation and characterization of *Edwardsiella ictaluri* bacteriophages. Japanese Society for Marine Biotechnology. Hiroshima University, Japan.
8. [Ebtsam Sayed Hassan](#), Mahmoud Mostafa Mahmoud, Toshihiro Nakai, (2010). Epidemiological studies on *Edwardsiella ictaluri* in ayu -V- Characterization of *E. ictaluri* by bacteriophages. The Japanese Society of Fish Diseases, Miyazaki, Japan.
9. [Ebtsam Sayed Hassan](#) (2010). *Edwardsiella ictaluri* infection in Ayu *Plecoglossus altivelis*. 14th Scientific Conference -Faculty of Veterinary Medicine, Assiut University. 30 November – 2nd December, 2010
10. 15th Scientific Conference -Faculty of Veterinary Medicine, Assiut University. 25-27 November 2012
11. 16th Scientific Conference -Faculty of Veterinary Medicine, Assiut University. 30 November-2nd December 2014
12. Alamira Fouad, Hatem Soliman, [Ebtsam Sayed Hassan Abdallah](#), Ahmad Elkamel (2016). Using of RNA interference to control infections. 17th Scientific Conference Faculty of Veterinary Medicine, Assiut University, Egypt.
13. Alamira Fouad, [Ebtsam Sayed Hassan Abdallah](#), Hatem Soliman, Ahmad Elkamel (2019). Susceptibility of common carp *Cyprinus carpio* to spring viremia of carp virus infection following dexamethasone injection. 18th Scientific Conference -Faculty of Veterinary Medicine, Assiut University. 5th-7th November 2019.

[Workshops](#)

- 1- Teaching methodology-Assiut University-1997.
- 2- How to compete for a research fund programme-Faculty and Leadership Development Center (FLDC)-Assiut University. On 26th -28th October 2010.
- 3- International publishing of Research Programme-Faculty and Leadership Development Center (FLDC)-Assiut University. On 6th -8th November 2010.

- 4- Conference organization programme-Faculty and Leadership Development Center (FLDC)-Assiut University. On 20th -22nd November 2010.
- 5- Student evaluation programme-Faculty and Leadership Development Center (FLDC)-Assiut University. On 21st-23rd December 2010.
- 6- E-learning programme-Faculty and Leadership Development Center (FLDC)-Assiut University. On 28th -30th December 2010.
- 7- Code of Ethics programme-Faculty and Leadership Development Center (FLDC)-Assiut University. 8th -10th February 2011.
- 8- 14th workshop organized by Assiut Mycological Centre (AUMC) entitled "Laboratory techniques for isolation, identification, and preservation of fungi " 19th -24th November 2011.
- 9- Credit Hours Programme-Faculty and Leadership Development Center (FLDC)-Assiut University. On 27th -29th January 2013.
- 10- Project Management. DAAD Kairo Akademie, on 18th May 2014.
- 11- Research Management. DAAD Kairo Akademie, on 19th May 2014.
- 12- International Networking. DAAD Kairo Akademie, on 20th May 2014.
- 13- Proposal Writing GERLS. DAAD Kairo Akademie, on 1st November 2014.
- 14- Scientific Thinking and Argumentation Skills for Problem Solving, DAAD Kairo Akademie, on 2nd November 2014.
- 15- Mycotoxins: Problems, Detection and Control. Held in the Botany and Microbiological Department. Faculty of Science, Al-Azhar University, Assiut, on 9th -11th June 2014.
- 16- Basic Techniques in Animal Cell Tissue Culture. Held at Zoology Department, Faculty of Science, Assiut University, on 24th -26th March 2015
- 17- Biomarkers of Genotoxicity in Fishes. Held at Zoology Department, Faculty of Science, Assiut University, Egypt, on 26th -27th May 2015.
- 18- 19th workshop organized by Assiut Mycological Centre (AUMC) entitled "Fungi and their enzymatic role in the biodegradation of natural and synthetic polymers " on 13th – 17th March 2016.
- 19- Understanding and Implementing ISO 17025: 2005. General requirements for the competence of testing and calibration laboratories. Held at the Faculty of Veterinary Medicine, Assiut University in November 2016.
- 20- Enzyme-Linked Immuno-Sorbent Assay (ELISA) Principals and Different Applications. held in The Molecular Biology Research Unit of Assiut University On 30th November - 1st December 2016.
- 21- Measurement Uncertainty Training Courses (ISO 17025: 2005). Held at the Faculty of Veterinary Medicine, Assiut University On 21st-22nd December 2016.
- 22- Internal Quality Control in Laboratory (ISO 17025: 2005). Held at the Faculty of Veterinary Medicine, Assiut University On 23rd December 2016.
- 23- Measurement and Statistical Principles (ISO 17025: 2005). Held at the Faculty of Veterinary Medicine, Assiut University On 24th December 2016.

- 24- Biodiversity of the River Nile and Lake Nasser, Egypt and how to make the fish stock assessment, management, and their conservation. Held in the Department of Zoology, Faculty of Science, al-Azhar University, Assiut Branch, on 11th -12th March 2017.
- 25- 20th workshop organized by Assiut Mycological Centre (AUMC) entitled "Biodiversity of deteriorating food materials and feedstuffs with special reference to mycotoxigenic fungi " on 12th -16th March 2017.
- 26- Internal Audit in testing laboratory- ISO 17025: 2005, Held at Assiut University, on 9th - 11th July 2017.
- 27- E-learning (advanced) programme-Faculty and Leadership Development Center (FLDC)- Assiut University. On 18th -19th July 2017
- 28- Research Ethics Programme-Faculty and Leadership Development Center (FLDC)-Assiut University. On 13th -14th August 2017.
- 29- Analytical and Creative thinking Programme-Faculty and leadership Development Center (FLDC)- Assiut University. On 20th -21st August 2017.
- 30- Statistical analysis in Scientific Research Programme-Faculty and Leadership Development Center (FLDC) -Assiut University. On 24th -25th September 2017.
- 31- 21st workshop organized by Assiut Mycological Centre (AUMC) entitled "Biodiversity of Aquatic fungi" on 12th -16th November 2017.
- 32- 22nd workshop organized by Assiut University Moubasher Mycological Centre (AUMMC) entitled "Medical fungi" on 4th -8th November 2018.
- 33- Understanding and implementing ISO/IEC 17025: 2017 General Requirements for the competence of testing and calibration laboratories, Held at Assiut University, on 26th -28th March 2019.
- 34- 23rd workshop organized by Assiut Mycological Centre (AUMC) entitled Preservation and biotechnological application of fungi " on 15th -19th March, 2020.
- 35- Crisis Management Programme-Faculty and Leadership Development Center (FLDC) - Assiut University. On 18th -20th July 2023.
- 36- Preparing a Proposal for a Competitive Research Project Programme-Faculty and Leadership Development Center (FLDC) -Assiut University. On 13th -15th August 2023.
- 37- Programme-Faculty and Leadership Development Center (FLDC) -Assiut University. On 13th -15th August 2023.
- 38- Fundamentals of Digital transformation certificate (Web Search)-Faculty and Leadership Development Center (FLDC) -Assiut University. On 15th -16th July 2023.
- 39- Excellence in University Teaching Programme-Faculty and Leadership Development Center (FLDC) -Assiut University. On 13th -15th September 2023.
- 40- Modern trends in the development of Higher Education Institutions Programme-Faculty and Leadership Development Center (FLDC) -Assiut University. On 1st -3rd October 2023.

Awards

- 1- Assiut University, Soliman Hozaian Prize For Scientific Distinction (2020)

- 2- Best paper presentation entitled: Susceptibility of common carp *Cyprinus carpio* to spring viremia of carp virus infection following dexamethasone injection. 18th Scientific Conference -Faculty of Veterinary Medicine, Assiut University. 5th - 7th November 2019.
- 3- Prize of Prof. M. Faisal (Aquatic Science) session in the 6th Global Fisheries and Aquaculture Research Conference, Hurghada, Egypt, 2013.

Scientific Publications

Q1 journals (5 articles); Q2 journals (1 article); Q3 journals (4 articles); non-indexed journal (9 articles)

- 1- Nagwa Romeih, [Ebtsam Sayed Hassan Abdallah](#), Mahmoud Mostafa Mahmoud, Ahmad A. Elkamel, Alamira Marzouk Fouad (2023). Expression profile of tumor necrosis factor alpha during spring viremia of carp virus infection in Nile tilapia. *Assiut Veterinary Medical Journal*. 69 (177): 122-131.
- 2- Ebtsam [Sayed Hassan Abdallah](#), Awatef Hamed Hamouda (2023). Morphological and molecular characterization of *Lernanthropus kroyeri*, a copepod infesting the gills of European seabass *Dicentrarchus labrax*. *Egyptian Journal of Aquatic Research*. 49 (1): 49: 49-55
- 3- [Ebtsam Sayed Hassan Abdallah](#), Awatef Hamed Hamouda (2022). *Livoneca redmanii* Leach, 1818 (Cymothoidae) a parasitic isopod infesting the gills of the European -seabass, *Dicentrarchus labrax* (Linnaeus, 1758): morphological and molecular characterization study. *BMC Veterinary Research*, 18 (330).
- 4- Hasnaa Thabit, [Ebtsam Sayed Hassan Abdallah](#) (2022). Morphological and molecular identification of third-stage *Contraecaecum* larvae (Nematoda: Anisakidae) parasitizing Nile perch *Lates niloticus* in Egypt. *Aquaculture Research* 53(13): 4869-4881.
- 5- Alamira Marzouk Fouad, Ahmad A. Elkamel, Sherif Ibrahim, Mansour El-Matboulic, Hatem Soliman, [Ebtsam Sayed Hassan Abdallah](#) (2022). Control of spring viremia of carp in common carp using RNA interference. *Aquaculture*. 559 (15): 738417
- 6- Gaafar, A.Y. [Ebtsam Sayed Hassan Abdallah](#), MM Mahmoud, Abdelgayed M. Younes, and Toshihiro Nakai (2021). Pathological and immunohistochemical studies following the experimental infection of ayu (*Plecoglossus altivelis*) by *Edwardsiella ictaluri*. *Microscopy Research and Technique*. 84 (3):460-470.
- 7- Alamira Fouad, Hatem Soliman, [Ebtsam Sayed Hassan Abdallah](#), Sherif Ibrahim, Mansour El-Matbouli, Ahmad Elkamel (2019). *In-vitro* inhibition of spring viremia of carp virus replication by RNA interference targeting the RNA-dependent RNA polymerase gene. *Journal of Virological Methods*. 263, 14-19.
- 8- [Ebtsam Sayed Hassan Abdallah](#), Mahmoud M. Mahmoud and Ismail R. Abdel-Rahim (2018): *Trichosporon jirovecii* infection of red swamp crayfish (*Procambarus clarkii*). *Journal of Fish Diseases* 41, 1719-1732.
- 9- Mahmoud Mostafa Mahmoud, [Ebtsam Sayed Hassan](#), Mohie Haridy, Essam Ali Nour El Deen, Huda Mohammed M. Kuraa and Heba Naeim Sadek Hanna (2018). Parasitic

- infections of the gills of wild African sharptooth catfish (*Clarias gariepinus*). Assiut Veterinary Medical Journal. 64 (185):31-39.
- 10- [Ebtsam Sayed Hassan Abdallah](#), Amna Mohamed Al Tayip, Sary Khaleel Abd Elghaffar, Gehan Mohamed Sayed, Ahmad Abd Elhady (2017). *Acanthogyrus tilapiae* infections in wild and cultured Nile tilapia *Oreochromis niloticus*. Assiut Veterinary Medical Journal 63 (155), 1-7
 - 11- Mahmoud Mostafa Mahmoud, [Ebtsam Sayed Hassan](#), Essam Ali Nour El Deen, Mohie Haridy, Fatma Abd El-moghiny Salem, Mahmoud Abdelrahman Mohamed (2017). Bacterial infections in some red sea fishes. Assiut Veterinary Medical Journal. 63 (155):83-93.
 - 12- Yosra M I El Sherry, Mahmoud M Mahmoud, [Ebtsam Sayed Hassan](#), Sabah I Mustafa (2016). Subclinical vibriosis in red swamp crayfish, *Procambarus clarkii*. International Journal of Fisheries and Aquatic Studies 4 (3), 119-123
 - 13- Mahmoud Mostafa Mahmoud, [Ebtsam Sayed Hassan](#), Jun Okuda, Toshihiro Nakai (2015). Influence of salinity on *in vivo* adhesion, phagocytosis and pathogenicity of *Edwardsiella tarda*. Assiut Veterinary Medical Journal 61 (144), 176-185
 - 14- [Ebtsam Sayed Hassan](#), Mahmoud Mostafa Mahmoud, Toshihiro Nakai (2014). Effect of sodium chloride on production and toxicity extracellular products of *Edwardsiella tarda*. Assiut Veterinary Medicine Journal 60 (143): 109-114
 - 15- Motoshige Yasuike, Wataru Kai, Yoji Nakamura, Atushi Fujiwara, Yasuhiko Kawato, [Ebtsam Sayed Hassan](#), Mahmoud Mostafa Mahmoud, Satoshi Nagai, Takanori Kobayashi, Mitsuru Ototake, Toshihiro Nakai (2014). Complete genome sequence of the *Edwardsiella ictaluri*-specific bacteriophage PEi21, isolated from river water in Japan. Genome announcements 2 (2), e00228-14
 - 16- Yasuhiko Kawato, Yasuo Yamada, Takahiro Nagai, [Ebtsam Sayed Hassan](#), Toshihiro Nakai (2014). Efficacy of chemotherapeutics against experimentally infected ayu *Plecoglossus altivelis* with *Edwardsiella ictaluri*. Fish Pathology, 49:23-26
 - 17- [Hassan, Ebtsam Sayed.](#); Mahmoud, M.M.; Metwally, A.M; Moktar, D.M (2013): *Lamproglena monodi* (Copepoda: Lernaecidae), infesting gills of *Oreochromis niloticus* and *Tilapia zillii*. The Global Journal of Fisheries and Aquaculture Research. 6 (6): 1-16
 - 18- [Ebtsam Sayed Hassan](#), Mahmoud Mostafa Mahmoud, Yasuhiko Kawato, Takahiro Nagai, Osamu Kawaguchi, Yoshisuke Iida, Kei Yuasa, Toshihiro Nakai (2012). Subclinical *Edwardsiella ictaluri* infection of wild ayu *Plecoglossus altivelis*. Fish Pathology 47 (2), 64-73
 - 19- [Ebtsam Sayed Hassan](#), Mahmoud Mostafa Mahmoud, Nguyen Huu Dung, Kei Yuasa, Toshihiro Nakai (2010). Serological characterization of *Edwardsiella ictaluri* strains isolated from wild ayu *Plecoglossus altivelis*. Fish Pathology 45 (1), 43-46