

CURRICULUM VITAE



Contact Information

Surname: HUSSEIN

Name: Mortada Mohamed Abdel-Hamid Hussein Mohamed

Address: Fish Department, Faculty of Veterinary Medicine, Beni-Suef University,
Beni-Suef 62512, Egypt.

Office:

Telephone: +20- 822- 322- 066

Tel/Fax: +20- 822- 327- 982

Home Tel.: +20- 822- 331- 645

Mobile: 20-103-781-059

E-mail: mortadahussein@hotmail.com

Personal Data

Date of birth: 4/6/1966

Place of birth: Algeria

Nationality: Egyptian

Marital status: Married and have two daughters and one son.

Educational Background

PhD: March 2002 in the Field of Veterinary Medicine (Fish Diseases), Nippon Veterinary & Life Science University (formally: Nippon Veterinary and Animal Science), JAPAN. Dissertation title "*Studies on saprolegniasis in salmonids in Hokkaido.*"

M.Sc.: March 1992 in the field of Veterinary Medicine (Infectious diseases, Fish), Faculty of Veterinary medicine, CAIRO University, Beni-Suef Branch, Egypt. Dissertation title "*Some studies on gills affections of fresh-water fishes*"

B.Sc.: May 1988 in Veterinary Medicine, Faculty of Veterinary medicine, CAIRO University, Beni-Suef Branch. Egypt. (Grade: very good, Rank: Fourth).

Current Position:

Associate Professor in the Fish Department , Faculty of Veterinary Medicine, Beni-Suef University, Beni-Suef 62512, EGYPT.

Administrative Positions:

- Executive Director of the web site 2009.
- Deputy Director of the Project Portal 2009-2010.
- Project Manager Portal 2011.

Employment History

Employer	Position	Dates (From – to)
Faculty of Veterinary Medicine, Beni-Suef University	Associate Professor in the Fish Dep.	October, 2007-now
Faculty of Veterinary, Cairo University, Beni-Suef branch*	Lecturer. in the Fish Dep.	2002-2007
Division of Fish Diseases, Nippon Veterinary & Life Science University, Tokyo, JAPAN.	Post-Doc Researcher, Division of Fish Diseases, Nippon Veterinary & Life Science University, Tokyo, JAPAN	2004-2006
Division of Fish Diseases, Nippon Veterinary & Life Science University, Tokyo, JAPAN.	PhD student	1997-2002
Faculty of Veterinary, Cairo University, Beni-Suef branch	Ass. Lecturer. in the Fish Dep.	1992-1997
Fac. Vet. Med., Cairo Univ. Beni-Suef branch	Demonstrator of fish diseases, Dep. Of Internal Medicine & Infectious Dis.	1989-1992

* *Beni Suef university has had separated from Cairo University since 2005*

Membership of Professional Associations

Professional body	Level of membership	Year of award
Japan Society for the Promotion of Science (JSPS), Japan.	Member	2004
Member of the Japanese Society of Fish Pathology.	Member	1998
Member of the Japanese Mycological Society	Member	1999
Member of the European Association of Fish Pathologists.	Member	1999
Member of the Egyptian Veterinary Medical Association.	Member	2002
Member of the Egyptian Society for the Development of Fisheries Resources & Human Health	Member	2007

Attending Conferences & workshops

- Satisfactory completion of self-evaluation of higher education institutions 13-12-2009 to 17-12-2009.
- Satisfactory completion of Session of the external audit of institutions of higher education institutions 19-12-2009 to 23-12-2009.
- The International Arab African Fish Resources Conference & Exhibition “Sustainable use and management of aquatic resources”, Cairo, Egypt, 2007.
- Satisfactory completion of Training of Trainer workshop (**TOT**) FLDP, Assuit Uni. 2006.
- 6th Symposium on Diseases in Asian Aquaculture “Aquatic animal health: facing new challenges”, Colombo, Sri Lanka, 2005.
- KHV infection: Present Status and Future Prospects for Prevention, Tokyo, Japan, 2004.
- 11th Scientific Congress of the Faculty of Vet. Med. Assiut Uni. 2004.
- 1st Intern.Conf. Vet. Res. Div., NRC, Cairo, 2004.
- 12th Scientific Congress of the Japanese Society of Antimicrobial Agents, Osaka, 2001.

- 11th Conference of Research Projects of the Overseas Students, Nippon Medical School, Tokyo, JAPAN, 2000.
- 1st Conference of Japanese Society of Ornamental Fish, Tokyo, Japan 2000.
- The International Conference of the European Association of Fish Pathologists (EAFP), Rhodes, Greece, 1999.

Honors

- **Ph.D. Scholarship** from July 1997 to March 2002 as a governmental Scholarship awarded from The Ministry of Higher Education of Egypt to study in Japan.
- **Post-Doctoral Fellowship** in Nippon Veterinary and Life Science University from November 2004 to November 2006 awarded from *Japan Society for the Promotion of Science (JSPS)*, Japan.

Training

Training attended / Technical skills acquired	Place	Dates (From – to)
Molecular biology, cloning, sequence analysis, DNA vaccination, and others	Nippon Veterinary & Life Science University (formally: Nippon Veterinary and Animal Science), JAPAN.	November 2004 to October 2006
Microinjection in fish embryos	Tokyo university of Marine Science and Technology	October 2005 to November 2005
Training of trainers ‘TOT’ for a research project of developing the capacity of faculty members and leaders.	Assiut University, Egypt	24-27/12/2006

Professional Activities

- Fish Diseases and Management of Aquaculture.
- Microbiological and Histopathological Techniques.
- Molecular biological and Cloning Techniques.
- Fish Microinjection and Transgenesis Techniques.

Academic Activities

A) Teaching undergraduates students from 1990 till now many courses including the following topics:

- Outline of Fish Biology.
- Bacterial, Viral, Mycotic, Parasitic, and Miscellaneous diseases of fishes.
- Strategy of Aquaculture and Fish farming techniques.
- Methods of controls and prevention of Fish diseases.
- Practical and field training through scientific trips.
- Molecular diagnostic techniques including:
 - Gel electrophoresis, DNA and RNA manipulation, PCR and Multiplex PCR, Restriction enzymes handling, Cloning in bacteria, and Protein purification
 - Various techniques in Bacterial & Fungus isolation & Identification
 - Traditional techniques and advanced techniques.
- Different serological techniques including:
 - ELISA(Enzyme Linked Immunosorbent Assay), Haemagglutination inhibition, passive haemagglutination, agar gel precipitation test (AGPT), and IFA (immunofluorescent antibody technique).

B) Supervisor for postgraduate studies (Master and Ph D)

1. Master Degree:

- **Some studies on flavobacteriosis in freshwater fishes**

Supervisors: Prof. Manal Adel Ahamed Essa Head of Fish Dep., Faculty of Vet. Med. Beni- suet Univeristy.

Dr. Mortada Mohamed A. Hussein Associate Prof. fish diseases and management, Fish Dep., Faculty of Vet. Med., Beni- suet Univeristy.

Dr. Mohamed Abdel Azziz Associate Prof. fish diseases and management, Fish Dis. Dep., Faculty of Vet. Med., Sohage University.

- **Some studies on mycotic affections in freshwater fishes**

Supervisors: Dr. Walead Hamdy Hassan Associate Prof , microbiology Dep., Faculty of Vet. Med., Beni- suet Univeristy.

Dr. Mortada Mohamed A. Hussein Associate Prof. fish diseases and management, Fish Dep., Faculty of Vet. Med., Beni- suet Univeristy.

2. Ph D Degree:

- **Application of recent techniques for detection of some pathogenic bacteria in fresh and marine water fishes**

Supervisors: Dr. Walead Hamdy Hassan Associate Prof , microbiology Dep., Faculty of Vet. Med., Beni- suet Univeristy.

Dr. Mortada Mohamed A. Hussein Associate Prof. fish diseases and management, Fish Dep., Faculty of Vet. Med., Beni- suet Univeristy.

- **Some studies on enterosepticemia caused by *Edwarseilla tarda* infwctions in freshwater fishes**

Supervisors: Prof. Manal Adel Ahamed Essa Head of Fish Dep., Faculty of Vet. Med.
Beni- suet Univeristy.

Dr. Mortada Mohamed A. Hussein Associate Prof. fish diseases and
management, Fish Dep., Faculty of Vet. Med., Beni- suet Univeristy.

Dr. Mohamed Abdel Azziz Associate Prof. fish diseases and
management, Fish Dis. Dep., Faculty of Vet. Med., Sohage University.

Current research interests

Molecular diagnostic tools in field of fish diseases and vaccine development.

Current research Activity

Deposition of new *Saprolegnia* species, namely *Saprolegnia salmonis* **Hussein et Hatai**
in Nippon Veterinary and life Science University Microorganisms bank with access
number **NJM 9851**.

Deposition of *gab C* gene sequences for *Streptococcus iniae*, *Streptococcus dysgalactiae*,
and *Lactococcus garvieae* in **GenBank** with access numbers as following:

SI GQ912305	<i>Streptococcus iniae</i> gab C gene sequence Published
SD GQ912306	<i>Streptococcus dysgalactiae</i> gab C gene sequence Published
LG GQ912307	<i>Lactococcus garvieae</i> gab C gene sequence Published

Other Skills

Languages:

Arabic: as a mother tongue.

English: (read, speak and writing "Excellent")

Japanese: (speak "good", read and writing "fair")

Computer: Using of several microcomputer applications and software i.e. Microsoft
(Windows and Office), Statistics, internet (web design), Graphics
(photoshop), and Multimedia software.

Reference:

Name	Contact address	E-mail/Tel
Prof. Dr. Kishio Hatai Laboratory of Fish Diseases, School of Veterinary Medicine,	Faculty of Veterinary Science, Nippon Veterinary and Life Science University, 1-7-1 Kyonan-cho, Musashino, Tokyo 180-8602, Japan	k-hatai.0111@scan-net.ne.jp OR khatai0111@nvl.u.ac.jp Tel: (+81) 422-31-4151 Ex. 250
Prof. Dr. Magdy Fathy El-Kady Dean of faculty of Vet. Medicine	Faculty of Veterinary Medicine, Beni-Suef University, Beni Suef 62511, Egypt	mfelkady@yahoo.com Tel. : (+20) 0822-32-7982 Mobile: (+20) 1223-10-1280
Prof. Dr. Mahmoud El- Begawy Department of Pathology	Faculty of Veterinary Medicine, Beni-Suef Uni., Beni Suef 62511, Egypt	Badway35@yahoo.com Tel. : (+20) 0822-32-7982 Mobile: (+20) 1113-99-114

List of Publications

A) BOOKS:

Studies on saprolegniasis in salmonids in Hokkaido

[Mortada Hussein](#), [Kishio Hatai](#)

7 Dec. 2011; Edition: 1st Edition, Publisher: Lambert Academic Publishing, Germany,
ISBN: 978-3-8465-9911-2

<https://www.lap-publishing.com/catalog/details/store/gb/book/978-3-8465-9911-2/studies-on-saprolegniasis-in-salmonids-in-hokkaido>

B) Scientific papers:

1. **Hussein, M. M. A. and K. Hatai.** *Saprolegnia salmonis* sp. nov. isolated from sockeye salmon, *Oncorhynchus nerka*. *Mycoscience*, **40**, 385-389, **1999**.
2. **Hussein, M. M. A.; S. Wada and K. Hatai, A. Yamamoto.** Antimycotic activity of eugenol against selected water molds. *Aquatic Animal Health* **12**, 224-229, **2000**.
3. **Hussein, M. M. A.; K. Hatai and T. Nomura.** Saprolegniosis in salmonids and their eggs in Japan. *Journal of Wildlife Diseases* **37** (1), 204-207, **2001**.
4. **Hussein, M. M. A. and K. Hatai.** In vitro inhibition of *Saprolegnia* by bacteria isolated from lesions of Salmonids with saprolegniasis. *Fish Pathology* **36** (2), 73-78. **2001**.
5. **Hussein, M. M. A.; M. A. El-Feki; K. Hatai and A. Yamamoto.** Inhibitory effects of thymoquinone from *Nigella sativa* on pathogenic *Saprolegnia* in fish. *Biocontrol Science*, **7**(1), 31-35, **2002**.

- 6. Hussein, M. M. A. and K. Hatai.** Pathogenicity of *Saprolegnia* species associated with outbreaks of salmonid saprolegniosis in Japan. *Fisheries Science* **68**, 1067-1072, **2002**.
- 7. El-Feki, M.; K. Hatai and M. M. A. Hussein.** Chemotactic and chemokinetic of *Saprolegnia parasitica* toward different metabolites and fish tissue extracts. *Mycoscience*, **44**, 159-162, **2003**.
- 8. Hussein, M. M. A. and W. H. Hassan.** Antibacterial activity of eugenol against selected fish pathogenic bacteria. Proc. The 1st Intern. Conf. Vet. Res. Div., NRC, Cairo, Egypt. pp. 356-364, February, **2004**.
- 9. Hussein, M. M. A.** Contribution towards introduction of eugenol as a fish anesthetics in Carp, *Cyprinus carpio*, fish hatcheries in Egypt: Field trials. Proc. 11th Sci.Cong. Fac. Vet. Med., Assiut Univ., Egypt. **2004**
- 10. Hussein, M. M. A. and K. Hatai.** Multiplex PCR for detection of *Lactococcus garvieae*, *Streptococcus iniae* and *S. dysgalactiae* in cultured Yellowtail. *Aquaculture Science* **54** (3), 269-274. **2006**
- 11. Hussein, M. M. A. and K. Hatai.** Chronic mortalities in cultured yellowtail, *Seriola quinqueradiata* (Temminck and Schlegel) and amberjack, *Seriola dumerili* (Risso), during winter due to streptococcosis in southern Japan. *Egyptian journal of Aquatic Biology and Fisheries* **11** (3), 817-832. **2007**.
- 12. Abd El Rahman, A. H.; Abd El Galil, M. A.; Kamel, H. H. and Hussein, M. M. A.** Effect of saprolegniosis on *Oreochromis niloticus*. *Egyptian journal of Aquatic Biology and Fisheries* **11** (3), 749-761. **2007**.
- 13. Hussein, M. M. A., W. H. Hassan.** Efficacy of fosfomycin in controlling streptococcosis in Nile tilapia (*Oreochromis niloticus*). *Beni Suef Veterinary Medical Journal* **21** (1). 59-66. **2011**
- 14. Essa A. A. , Hussein M. M. A., Abd El-Galil M. A.A., Kornil F. M. M.** Diagnosis and safe prevention of Edwardsiellosis in *Oerochromis niloticus*. The Global Journal of Fisheries and Aquaculture Research. **5**, 147- 159. **2012**
- 15. Hussein M. M. A., W. H. Hassan, I. M. I. Moussa.** Potential use of allicin (garlic, *Allium sativum* Linn, essential oil) against fish pathogenic bacteria and its safety for monosex Nile tilapia (*Oreochromis niloticus*). *Journal of Food, Agriculture & Environment*. **11** (1): 696-699 . **2 0 1 3**.
- 16. Hussein, M. M. A., Hassan W. H. Maha A. M.** Pathogenicity of *Achlya proliferoides* and *Saprolegnia diclina* (Saprolegniaceae) Associated with Saprolegniosis Outbreaks in Cultured Nile Tilapia (*Oreochromis niloticus*). *World Journal of Fish and Marine Sciences* **5** (2), 188-193. **2013**.

17. **Hussein, M. M. A.**. DNA vaccination against streptococcosis. Under the process of submission.