

# Curriculum vitae

## Mohamed Hosny Abdelhafez Kotob, Dr. med. Vet.

E-mail: [mohamed.kotob@vetmeduni.ac.at](mailto:mohamed.kotob@vetmeduni.ac.at)

[mohammedkotob@yahoo.com](mailto:mohammedkotob@yahoo.com)

Tel.: 00201030844786

### Links:

[https://vetdoc.vu-wien.ac.at/vetdoc/suche.person\\_publicationen?sprache\\_in=de&menue\\_id\\_in=102&id\\_in=4077](https://vetdoc.vu-wien.ac.at/vetdoc/suche.person_publicationen?sprache_in=de&menue_id_in=102&id_in=4077)

[https://www.researchgate.net/profile/Mohamed\\_Kotob2](https://www.researchgate.net/profile/Mohamed_Kotob2)

<http://scholar.google.com/citations?user=OqBWjysAAAAJ&hl=de>

### Positions:

- **2006 – 2011:** Demonstrator of pathology, Faculty of Vet. Medicine, Assiut University, Assiut, Egypt,
- **2012 – 2017:** Assistant lecturer of pathology, Faculty of Vet. Medicine, Assiut University, Assiut, Egypt.
- **2018 – till now:** A lecturer of pathology, Faculty of Vet. Medicine, Assiut University, Assiut, Egypt.

### Qualifications:

- Bachelor of Vet. Medical Science (2005):** Faculty of Veterinary Medicine, Assiut University. Egypt.  
**Grade:** Very Good with honor degree.
- Master of Vet. Medical Science (2011):** Faculty of Veterinary Medicine, Assiut University, Egypt.
- Doctor medicinae veterinariae – Dr. med. Vet. (2017):** Veterinary Medicine University of Vienna, Austria.

### Skills and research interests:

- Skills in histological Staining, Cytopathology, Immunohistochemistry and advanced molecular biology (DNA and RNA extraction, RT-PCR, gene sequencing, immune gene expression and RNAi based technique).
- Research interests in general and molecular pathology, parasitology, immunology, fish pathology, co-infections and host-pathogen interactions.

### Training courses, Summer schools and Workshops attended:

- \* Workshop on Theoretical and practical Approach for primary hepatocyte cell culture (02/2006), Molecular biology research Unit, Assiut University.
- \* Workshop on applications of Electron microscope (08/2008), Electron microscope unit Assiut University.

- \* 2<sup>nd</sup> joint IAI-CCHD PhD symposium (come together to bridge the gap) (02/2015), Medical University of Vienna, Austria.
- \* Training course: Data Visualization Tool (03/2015), University of Veterinary Medicine Vienna, Austria.
- \* Training course: How to write a paper (3-4/2015), University of Veterinary Medicine Vienna, Austria.
- \* Training course: Poster Presentation (04/2015), University of Veterinary Medicine Vienna, Austria.
- \* Training course: Statistical Analyses with SPSS, (04/2015), University of Veterinary Medicine Vienna, Austria.
- \* Training course “Introduction into molecular methods and quality management“, VetCore Facility for Research, University of veterinary medicine, Vienna, 22<sup>nd</sup> – 26<sup>th</sup> June, 2015.
- \* Training course: Image Analysis (11-12/2015), University of Veterinary Medicine Vienna, Austria.
- \* French-German Summer School for the Promotion of Veterinary Science (08/2016), University of Veterinary Medicine Hannover, Foundation, Germany.

### Memberships:

- Member of the Egyptian Society of pathology, molecular pathology.
- Member of quality Assurance Unit, Faculty of veterinary medicine, Assiut University, Egypt.
- Member of European Association of Fish Pathologists (EAFP).

### Conferences presentations:

- 1 Mahmoud A.Z., Nafady A. and **Kotob M.H.** (2013) Skin and subcutaneous lesions induced by application of para-phenylenediamine in rabbits", XVI International Congress on Animal Hygiene, 5-9 May 2013, Nanjing, China.
- 2 **Kotob M.H.**, Mahmoud A.Z. and Nafady A. (2015) Pathological Studies on The effect of Sodium Lauryl Sulfate on Skin of Rabbits. XVII International Congress on Animal Hygiene, 7-11 June 2015, Košice, Slovakia.
- 3 Gorgoglione B., **Kotob M.**, El-Matbouli M. (2015) New colony development from migrating autozooids of *Fredericella sultana* under unfavourable conditions. 9<sup>th</sup> International Symposium on Fish Parasites (9<sup>th</sup> ISFP), 31/8/2015-4/9/2015, Valencia, Spain.
- 4 Gorgoglione B., Unfer G., **Kotob M.**, El-Matbouli M. (2015) First outbreak of Proliferative Kidney Disease in Austria linking to the aetiology of “Black Trout” threatening autoctone brown trout population. 9<sup>th</sup> International Symposium on Fish Parasites (9<sup>th</sup> ISFP), 31/8/2015-4/9/2015, Valencia, Spain.
- 5 Gorgoglione B., **Kotob M.**, Unfer G., El-Matbouli M. (2015) Investigation on *Tetracapsuloides bryosalmonae* life-cycle in bryozoan *Fredericella sultana* following the first PKD outbreak in Austria. 17<sup>th</sup> International Conference on Diseases of Fish and Shellfish (17<sup>th</sup> EAFP), 7 - 11 September 2015, Las Palmas de Gran Canaria, Spain.

- 6 **Kotob M.H.**, Gorgoglione B., Kumar G., Abdelzaher M., Saleh M., El-Matbouli M. (2017) Histopathological lesions during single and co-infection by *Tetracapsuloides bryosalmonae* and *Myxobolus cerebralis* in rainbow trout. 3rd Joint European Congress of the ESVP, ESTP and ECVP, 30 August - 2 September, Lyon, France.

### List of publications:

- 1- Gorgoglione B, **Kotob MH**, Unfer G, El-Matbouli M (2016). First outbreak of Proliferative Kidney Disease in Austria, linking to the aetiology of Black Trout Syndrome threatening autochthonous trout populations. *Diseases of Aquatic Organisms*, 119 (2): 117–128. DOI: <http://doi.org/10.3354/dao02993>
- 2- Gorgoglione B, **Kotob MH**, El-Matbouli M (2016). Migrating zooids allow the dispersal of *Fredericella sultana* (Bryozoa) to escape from unfavourable conditions and further spreading of *Tetracapsuloides bryosalmonae*. *Journal of Invertebrate Pathology*, 140: 97-102. DOI: <http://doi.org/10.1016/j.jip.2016.08.010>
- 3- **Kotob MH**, Menanteau-Ledouble S, Kumar G, Abdelzaher M, El-Matbouli M (2016). The impact of co-infections on fish: a review. *Veterinary Research*, 47(1): 98. DOI: <http://doi.org/10.1186/s13567-016-0383-4>
- 4- Sarker S, Menanteau-Ledouble S, **Kotob MH**, El-Matbouli M (2017). A RNAi-based therapeutic *proof of concept* targets salmonid whirling disease *in vivo*. *PloS ONE*, 12(6): e0178687. DOI: <https://doi.org/10.1371/journal.pone.0178687>
- 5- **Kotob MH**, Gorgoglione B, Kumar G, Abdelzaher M, Saleh M, El-Matbouli M (2017). The impact of *Tetracapsuloides bryosalmonae* and *Myxobolus cerebralis* co-infections on pathology in rainbow trout. *Parasites & Vectors*, 10, 442. DOI: <https://doi.org/10.1186/s13071-017-2347-6>
- 6- **Kotob MH**, Kumar G, Saleh M, Gorgoglione B, Abdelzaher M, El-Matbouli M. Differential modulation of host immune genes in the kidney and cranium of rainbow trout (*Oncorhynchus mykiss*) in response to *Tetracapsuloides bryosalmonae* and *Myxobolus cerebralis* co-infections. Submitted manuscript to *Parasites & Vectors* (PARV-D-18-00119).

### Languages and computer skills:

- English: (Toefl IBT).
- Obtained ICDL certificate.
- German: (level A2).

### Awards and Grants:

August 2014: Egyptian PhD Scholarship

### References:

- Uni.Prof.Dr. **Mansour El-Matbouli**, Head of Fish Medicine and Livestock Management, Dept. for Farm Animals and Vet. Public Health, University of Veterinary Medicine, Veterinärplatz 1, 1210 Vienna, Austria.  
Email: [mansour.el-matbouli@vetmeduni.ac.at](mailto:mansour.el-matbouli@vetmeduni.ac.at) , Tel: 0043-1-250774708.

## Decision

The Vice rector for study affairs of the University of Veterinary Medicine Vienna confers pursuant to Section 87, Paragraph 1 and 3 of the Austrian Federal Universities Act, Federal Law Gazette I, No. 120/2002, as amended, on

Mr.

**Mohamed Hosny Abdelhafez KOTOB**

born January 1, 1984 Nationality Egypt,

following positive evaluation of all examinations prescribed in the curriculum for the doctoral programme in the major field of study of Veterinary Medicine (curriculum promulgated in the Notification Bulletin of the University of Veterinary Medicine Vienna, 2010/2011 Academic Year, Volume 25, issued June 29, 2011, under No. 72) and following positive evaluation of the doctoral thesis the academic degree

**Doktor der Veterinärmedizin**

**„Doctor medicinae veterinariae – Dr. med. vet.“**

### Grounds

The academic performance prescribed in the above-mentioned curriculum received **positive evaluation on November 7, 2017**. The prerequisites for conferring the academic degree have been met. The Decision was thus to be made as stated.

### Right of Appeal

An appeal to the Federal Administrative Court can be made against this decision. The complaint should state the contested decision and the authority which ordered it. It must include a request and explain the grounds on which the allegation of illegality is based. The complaint must be made in writing within four weeks of receipt of the notification to the vice rector for study affairs in order to make a new assessment in time.

Vienna, November 7, 2017



Ao.Univ.Prof. Dr. Sibylle Kneissl  
Vice rector for study affairs

Registration no.

01445295

Ref. no.

I789208

## Certificate of the Doctoral Examination

FAMILY NAME first name(s) <b>KOTOB Mohamed Hosny Abdelhafez</b>		Date of birth <b>01.01.1984</b>		
Study programme <b>Doctoral programme in Veterinary Medicine Veterinary Medicine</b>				
Legal basis <b>University Act 2002, BGBl. I Nr. 120/2002 current version</b>				
Comprehensive assessment <b>pass with distinction</b>				
Examination subjects	ECTS Credits	Sem. hours	Date	Assessment
<b>Training</b>	<b>15.00</b>	<b>15.00</b>	<b>10.08.2017</b>	<b>successfully completed</b>
<b>Doctoral Thesis</b>	--	--	<b>25.09.2017</b>	<b>very good (1)</b>
<b>Examination before a Committee</b>	--	--	<b>07.11.2017</b>	<b>very good (1)</b>
<b>Fischmedizin und -bestandsbetreuung</b>	--	--	<b>07.11.2017</b>	
<b>Parasitology</b>	--	--	<b>07.11.2017</b>	
Topic of the Doctoral Thesis <b>Histopathology and functional parasite immune evasion in rainbow trout during a co-infection between myxozoans</b>				

Republik Österreich

C 779296630

Graduation date	For the: Vizerektorin für Lehre
<b>07.11.2017</b>	<b>Ao.Univ.-Prof. Dr.med.vet. Sibylle Kneissl, Vizerektorin für Lehre</b>

Assessment: recognised;  
excellent (1), good (2), satisfactory (3), sufficient (4), unsatisfactory (5);  
successfully completed, unsuccessfully completed

Comprehensive assessment: pass with distinction, pass, fail

Veterinärmedizinische Universität Wien: Certificate of the Doctoral Examination printed 09.11.2017

Page 1/1