

Curriculum Vitae

Tarek Soliman Shety

DVM, M.VSc., Dr. Med. Vet.

Current: Doctoral student at Klinik für Pferd, Freie Universität Berlin, Germany

Previous: Assistant lecturer, Animal Medicine Department, Faculty of Veterinary Medicine, Zagazig University, Egypt

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Personal Information

Name: Tarek Soliman Shety

Date of Birth: 01/10/1980

Nationality: Egyptian

Marital status: Married and have 2 Childs

Place of Birth: Egypt

Address: Celsiusstraße 12, Apartment 29, 12207 Berlin, Germany.

Web page: http://www.vetmed.fu-berlin.de/einrichtungen/kliniken/we17/Mitarbeiter/Doktoranden/Shety_Tarek/index.html

I. Major: Veterinary Internal Medicine

II. Special interest:

Fibrinolytic activities and inflammatory markers in non-infectious respiratory tract diseases of the horse, and treatment follow up in these patients.

III. Main areas of interest:

1. Equine Internal Medicine, especially respiratory diseases in horse.
2. Measuring fibrinolytic activities in horse's respiratory fluids.
3. Assessment of cytokines in respiratory fluid of horses.
4. Assessment of inflammatory mediators in horses.

Home Address: Celsiusstraße 12, Apartment 29, 12207 Berlin, Deutschland

Permanent Work Address: Animal Medicine Dept., Faculty of Veterinary Medicine, Zagazig University, Egypt.

Current Work Address: Klinik für Pferde, allgemeine Chirurgie und Radiologie, Oertzenweg 19b, 14163, Berlin.

Mobile: +4917679251449

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IV. Academic Qualifications: (Education and Graduations)

1. Bachelor of Veterinary Medical Sciences (BVSc.) **2003**, Very good with degree of honor, Faculty of Veterinary Medicine, Zagazig University, Egypt.
2. DVM License from the Egyptian Ministry of Health, No. 31622, January, **2004**.
3. Master of Veterinary Medical Sciences (MVSc.) **2007**, Animal Medicine Department, Faculty of Veterinary Medicine, Zagazig University, Egypt.
4. Doctor Medicine Veterinare (Dr. Med. Vet.) 2014, Equine clinic, Faculty of Veterinary Medicine, Freie Universität Berlin, Germany.

V. Professional Experience and Employments: (Research Appointments)

1. Demonstrator of Internal Medicine, Animal Medicine Department, Faculty of Veterinary Medicine, Zagazig University, Egypt, **February 2004 to August 2007**.
2. Assistant lecturer of Internal Medicine, Animal Medicine Department, Faculty of Veterinary Medicine, Zagazig University, Egypt, **August 2007 until now**.
3. Visiting researcher in department of large animal clinical sciences, Rakuno Gakuen University, Hokkaido, Japan, **November 2007 until May 2008**.
4. Researcher at the department of animal medicine and surgery, Equine medicine, Autonomous University of Barcelona, Spain, **February 2010 until May 2012**.
5. PhD student at the department of general surgery and radiology, Equine clinic, Veterinary Medicine, Freie Universität Berlin, Germany, **May 2012 until now**.

VI. Teaching experiences:

1. Teaching the practical course of Internal Medicine for the 4th year and 5th year students.
2. Teaching the practical course of ultrasonography.
3. Clinical examination and treatment of diseased animals admitted to the hospital.
4. Participation in the clinical training course for Internal Medicine that held in summer.
5. Participation in scientific visits to the laboratories and farms related to the faculty.
6. Participation in the clinical rounds that held in the hospital.

VII. Courses Taught:**Undergraduate courses (27 Courses) (in Egypt):**

Animal Management – Animal Nutrition – Animal Production – Bacteriology, Mycology and Immunology – Biochemistry – Clinical Pathology – Comparative, Applied Anatomy and Embryology – Economics and Farm Management – Fish Diseases and Management – Forensic Medicine and Toxicology – Genetics and Genetic Engineering – Histology and Histochemistry – Infectious Diseases – Meat Hygiene – Virology – Milk Hygiene – Obstetrics and Gynecology – Parasitology – Pathology – Pharmacology – Physiology – Poultry and Rabbit Diseases – Statistics – Surgery Radiology and General Anaesthesia – Veterinary Hygiene – Veterinary Internal Medicine – Zoonoses.

Graduate courses*** Master Courses (in Egypt):**

- Internal medicine diseases
- Infectious diseases of Equine
- Radiology and ultrasonography
- Applied anatomy of equine abdomen

*** Doctoral Courses (in Egypt):**

- Advanced general medicine
- Metabolic diseases
- Clinical diagnosis of infectious diseases

VIII. Languages and Computer Skills:

	Speaking	Reading	Writing
Arabic	Excellent	Excellent	Excellent
English	Excellent	Excellent	Excellent
Spanish	Fair	Good	Good
Computer Skills	Word, Excel, Power point, Photoshop, Access Database construction, Statistics, Internet, etc.,		

IX. Training Courses:

1. Methods of scientific research: May, 2007
2. Effective learning: May, 2007
3. Thinking skills: May, 2007
4. Ethics of occupation: June, 2007
5. Effective communication skills: June, 2007
6. Effective presentation skills: June, 2007
7. Computer course on: DOS, Windows y SPSS: June, 2 to September, 5, 2007.
8. English course: March to May 2009.
9. Statistik-Kompakt, 2 days course, 10th July to 11th July 2012.
10. Training course on “Lameness in horses: diagnosis and evaluation” on 18th November 2012.
11. Library and endnote course.

X. Honors and awards: (Names and dates of professional honors, awards, fellowships and scholarships) and Professional training:

Names	Dates
1. Attending the training cycle on principal of and using ultrasonography in the veterinary practice	25-29 th Dec. 2004
2. Certificate of attendance the international symposium on plastination	12-18 th Feb. 2006
3. Award of precedence from the head of animal medicine Dept., Faculty of Veterinary Medicine, Zagazig University for activities and excellence	20 th Mar. 2007
4. A letter of praise from the minister of Higher education, Egypt for winning the partnership and agreement fellowship for young scientist supported by the ministry of higher education and state for scientific research.	7 th May 2007
5. Grant from the Ministry of higher education and scientific research (ParOwn), Egypt for 6 months to Rakuno Gakuen University, Hokkaido, Japan under supervision of Prof. Dr. Shin Oikawa (Large	Nov. 2007

animal clinical sciences) and Prof. Dr. Nakade (Small animal clinic) in the period from November 2007 until May 2008.

6. Merit scholarship program for 3.5 years from the Islamic Development Bank, Jeddah, Saudi Arabia for obtaining the PhD degree abroad. Feb. 2010

7. Extension of the PhD study provided by the Islamic Development Bank for completing the PhD program for 6 months ended on 31 August 2013 March 2013

XI. Research Experiences:

A. Clinical techniques:

1. Clinical examination of the animal.
2. Ultrasonographic examination.
3. Using stethoscope in auscultation of the internal organs.
4. Application of urinary catheters.
5. Intravenous catheters.
6. Endoscopy and Bronchoscopy.
7. Intrapleural pressure measurement.
8. Application of inhalation mask for horses during rest and exercise.
9. Arterial blood sample collection from horses.

B. Laboratory techniques:

1. Spectrophotometry.
2. High velocity centrifuge.
3. Measurement of pH of different body fluids.
4. Blood gas analyzer.
5. Experience in differential cell count for respiratory fluids.
6. Using cytospin to make BAL slides and pooling of BALF.
7. Zymography for Matrix metalloproteinases.
8. ELISA for MMP-2, MMP-8, MMP-9 and Interleukin-8.

XII. Past Research and Achievements:

Master Thesis at Zagazig University (September 2004-August 2007)

Master thesis title: Uses of ultrasonography in evaluation of acute abdominal pain in equines.

XIII. List of publication:

1. Mohamed, T.; Sobhy, M.; Abd El-Raouf M. and **Shety, T.** (2008): Gastrointestinal colics in horses: Clinical, laboratory, ultrasonographic and postmortem findings. Zagazig Veterinary Journal. 36(1):107-121.
2. **Shety, T.**; Barton, A.K.; Bondzio, A.; Einspanier, R.; Gehlen, H. (2014): Changes in MMP-2, MMP-9 and IL-8 in BALF of RAO and IAD horses before and after therapy. 6th Congress of the European College of Equine Internal Medicine. Le Touquet, France – 07.02.-09.02.2013. In: Journal of veterinary internal medicine; **28**(2): pp 708.

XIV. Conferences Proceedings:

1. **Shety T., Barton A., Bondzio A., Einspanier R, Gehlen H.**: Changes in MMP-2, MMP-9 and IL-8 in BALF of RAO horses before and after therapy. The 6th Equine College of Equine Internal Medicine (ECEIM) congress, Le Touquet, France, **8th and 9th of Feb 2013.**
2. **Shety T., Barton A., Bondzio A., Einspanier R, Gehlen H.**: Changes in MMP-2, MMP-9 and IL-8 in BALF of RAO and IAD horses before and after therapy. The 8th PhD-Symposium and DRS presentation seminar (Doktorandensymposium), **15th of July 2013.**

XV. Conference attendance:

1. 9th Berlin-Brandenburgischen Rindertag, **5th - 6th of October 2012.**
2. The 6th Equine College of Equine Internal Medicine (ECEIM) congress, Le Touquet, France, **8th and 9th of February 2013.**
3. The 8th PhD-Symposium and DRS presentation seminar (Doktorandensymposium), **15th of July 2013.**
4. The DVG-Vet-Congress, **6-10 November 2013 Berlin.**
5. 7th Leipziger Tierärztekongress. **16-18th Jan 2014.**