



Vetmeduni Vienna

The place to be...

Tamas Ambrisko DVM, PhD,
Dipl. ACVA and ECVA

University of Veterinary Medicine, Vienna



Austria

- Country in Central Europe
- Population: 8.5 million
- Language: German
- Currency: Euro



Franz Joseph



2

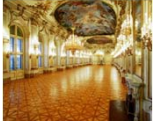
Vienna



- Capital of Austria
- Population: 1.8 million
- City center: UNESCO World Heritage Site (2001)
- <http://www.vienna4u.at/>

3

Schönbrunn Palace



4

Belvedere Palace



5

Imperial Hofburg Palace



6

Viennese composers



Schubert



Strauss



Mozart



Beethoven

7

Vienna Philharmonic Orchestra



8

Vienna boys choir



9

Spanish riding school



10

Viennese food



Wiener Schnitzel



Cafe Central



Sacher Torte

11

Viennese food



Mozart Kugel



Christmas punch



Manner Schnitten

12

Vetmeduni Vienna

- One of the **oldest Veterinary Schools** in the World
- Established in **1765** as "K. and K. Horse Curing and Operation School"
- Founded by the Empress **Maria Theresia** (military reasons)
- Current campus built in 1996



www.vetmeduni.ac.at

13

Vetmeduni Vienna



14

Vetmeduni Vienna



15

Vetmeduni Vienna



16

Facts & figures

- Austria has only **one vet school**
- **1.218 staff** members (2013)
 - 63% female
 - 648 scientists
 - 39 professors
- **2.286 students** (2013)
 - 72% female
 - 279 final degree granted

17

University structure

- **Rectorate**
 - Rector: Dr. Sonja Hammerschmid
 - Vice Rectors
 - Research and International Relations
 - Resources
 - Study Affairs and Clinical Veterinary Medicine
- **Senate**
- **University Council**

18

Rectorate



19

Five Departments

1. Biomedical Sciences
2. Pathobiology
3. Farm Animals and Veterinary Public Health
4. Companion Animals and Horses
5. Integrative Biology and Evolution

20

Degree programs

- **Veterinary Medicine**
 - Diploma program
 - Doctoral program
- **Equine Sciences**, Bachelor's program
- **Biotechnology and Biomedicine**
 - Bachelor's program (German)
 - Master's program (English)
- **Comparative Morphology**, Master's program
- **Human-Animal Interactions**, Master's program
- **Wildlife Ecology and Wildlife Management**, Master's program

21

Advanced degree programs

- PhD
- Postdoc programs
- Partnerships within
 - LLP/ERASMUS
 - CEEPUS III

22

Main research areas

1. Regulation of physiological and pathophysiological processes
2. Infection, prevention and innovative diagnostics
3. Biomedicine and biotechnology
4. Food safety and risk analysis



23

Courses

- Animal-assisted Therapy and Animal-assisted Supportive Measures
- Introduction of Laboratory Animal Science I
- Applied Cynology
- Physical Medicine, Rehabilitation and Physiotherapy
- Functional Claw Maintenance
- Hoof and Claw Fittings

24

Specialized University Clinics

1. Small Animals
2. Equine
3. Ruminants
4. Swine
5. Poultry and Fish



25

State-of-the-art equipment

- CT
- MRI
- Scintigraphy
- Linear Accelerator



CT



MRI

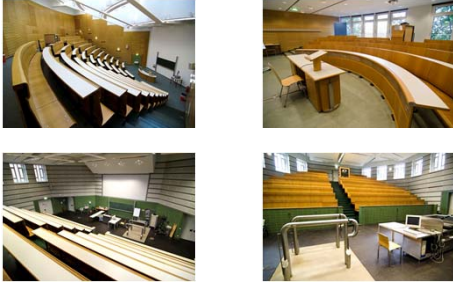
26

Veterinary curriculum (6 years)

1. Chemistry, biochemistry
2. Anatomy
3. Pathology, pharmacology, microbiology
4. Pre-clinical studies
 - All of these: Int. med., sugr., anaesth., gyn., bird med.
5. Modul studies
 - Only chosen Modul: small animal, horse, buiatrics, poultry-pig, food related.
6. Practices and diploma work

27

Lecture halls



28

Preclinical studies (4th year)

- Theory and practice
- 12 week clinical practice: 1 week / clinic
- OSCE exam at the end
 - Objective
 - Structured
 - Clinical
 - Examination
- Comprehensive test of diagnostic skills



29

Learning at Vetsim



30

Modul studies (5th year)

- Studies focus on chosen Modul area
- Assignment based on OSCE results
- 9th Semester: Modul practices
 - 10 weeks: 2 weeks / clinic
 - 1 hour lecture / day (student case presentations)
- 10th Semester: lectures in applied clinical medicine
- Modul exam at the end (similar to OSCE)

31

6th year

- 11th Semester: finish missing practices, exams
 - 6 weeks clinical practice in chosen area
 - 4 weeks slaughterhouse
 - 2 weeks pre-clinical rotation (e.g. pathology, microbiology)
 - Extra practice: as much as you can!
- 12th Semester: complete a diploma work
 - Small study with manuscript
 - No publication needed
 - Magister title is granted at the end

32

Practices

- Student practices
 - Part of the curriculum
 - 2 weeks to 3 months rotations
 - Small payment may be needed for external visitors (e.g. 50 €/week)
- Externship
 - Senior student or fresh graduate
 - Both research or clinical areas
 - Duration negotiable
 - Opportunity to learn in a foreign country
- English may be ok. Chance for foreigners!

33

Contact

Dr.phil. Ursula Schober

International Relations
University of Veterinary Medicine, Vienna
Veterinaerplatz 1, 1210 Vienna, Austria
Tel.: 0043 (1) 25077 – 1107
Fax: 0043 (1) 25077 – 1197
ursula.schober@vetmeduni.ac.at

Useful info: www.euraxess.at

34

Doctoral program (Dissertation)

- Different from a PhD
- 3 years research work with obligatory lectures
- Mostly unpaid but combination with paid clinical work is possible
- Manuscript in a publishable format
- **Dr. title** is granted at completion

35

PhD program

- Application (internal and external review)
- Funding from variable sources (FWF)
 - Min 20 h/week salary must be included
- Annual re-evaluation (internal)
- Duration: 3 – 5 years
- Requirements
 - >2 papers
 - 23 credit points
- Thesis: prepare and defend

36

Advanced clinical training: rotating internship

- Recommended to have > 1 year practice before
- ~10 positions (~40 applicants)
- Duration: 1 year
- 20 hours / week unpaid day work
- 20 hours / week paid night-shifts
- Reality: 60 – 80 hours / week work
- Relatively well paid in Vienna
- No time for anything but **WORK**

37

Offered internships

1. Small Animal Medicine
2. Equine Medicine
3. Bovine Health Management

38

Specialized clinical training: residency

- Requirement: internship or equivalent experience
- Recommended: >2 years work in practice
- Duration: 3 - 4 years
- 40 hours / week paid clinical work
- Paid night-shifts
- Certificate is granted at the end
- Graduate can sit for the **board certifying exam** of the respective colleges
- Who passes becomes college diplomate

39

Offered residencies

- | | |
|--|--|
| 1. Animal Reproduction (ECAR) | 7. Veterinary Internal Medicine
Companion Animals, Oncology
(ECVIM-CA, Oncology) |
| 2. Bovine Health Management
(ECBHM) | 8. Veterinary Ophthalmology
(ECVO) |
| 3. Porcine Health Management
(ECPHM) | 9. Small Animal Surgery (ECVS) |
| 4. Poultry Veterinary Science
(ECPVS) | 10. Large Animal Surgery (ECVS) |
| 5. Veterinary Anaesthesiology
(ECVAA) | 11. Equine Internal Medicine
(DECEIM) |
| 6. Veterinary Clinical Pathology
(ECVCP) | 12. Laboratory Medicine (ECLAM) |

40

Funding your dreams

- www.jsps.go.jp
- www.grants.at
- www.scholarships.at
- www.fwf.ac.at

41

Common trends in EU vet schools

- "Urbanization" of vet. schools
- Female students may be >90%
- Decreasing interest in farm animal medicine
- Shortage of money
 - Hospital service generates important income
 - Cutting budget on research
- Little interest in academic career

42

Vision of EAEVA

- Research-based transfer of knowledge
- Academic study and not apprenticeship
- Importance of day-one-skills of graduates
- Graduates are polyvalent not omnipotent
- Teaching anticipates the changing needs of society

European Association of Establishments for Veterinary Education

43
