Why...

...Master's Studies in Comparative Biomedicine?

Research Focus

The Master programme in Comparative Biomedicine is focused on two important areas of future research in molecular medicine:

- Tumor Signalling Pathways
- Infection Biomedicine

Internationality

Approximately 90 percent of students in the Master's Studies of Comparative Biomedicine gain experience abroad in the course of their studies – either as interns or while performing Master's Thesis work. As a result of the international reputation of this programme, the student body is made up of diverse cultures and citizens.

Personal Attention

Due to the low number of students, intensive support by faculty is guaranteed.

Launch Your Research Career

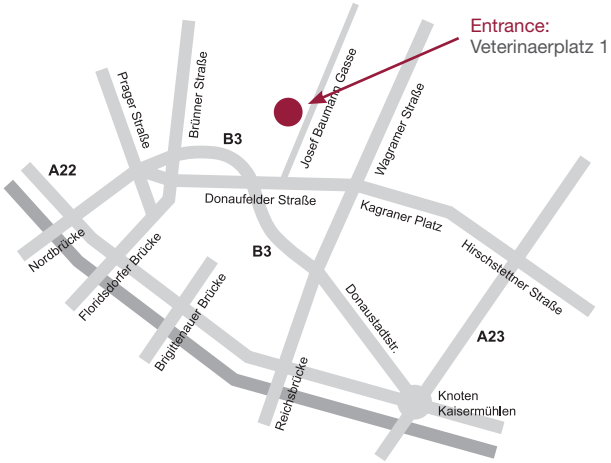
Master's Studies graduates are optimally prepared to attend international PhD programmes at renowned institutions (e.g. Cambridge, London (UK), Zurich (CH), IMP+IMBA (Austria)) and are qualified for such coveted university places.

Contact

For **questions concerning studies**, please contact:
zulassung@vetmeduni.ac.at

To **exchange information** with experienced students please contact:

Students' Association of the University of Veterinary Medicine, Vienna, Student Representation Biomedicine and Biotechnology
T +43 1 25077-1720
biomed@hvu.vetmeduni.ac.at
www.hvu.vetmeduni.ac.at



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Comparative Biomedicine Master's Studies

University of Veterinary Medicine, Vienna

vetmeduni vienna

Studies

Master's Studies in Comparative Biomedicine offer scientific specialization and immersion through a research-based education. Particular emphasis is placed on independent scientific thinking and working, which is expressed in the concluding Master's Thesis: Students are expected to formulate an appropriate question together with a leading scientist, present the current state of knowledge, choose working methods for solving the relevant issue and independently perform all necessary laboratory work and measurements.

Admission procedure

See details on our website: www.vetmeduni.ac.at

Structure and Duration of Studies

Duration: 4 semesters
(120 ECTS-points, 71 semester hours)

Practice: 8 weeks

Places: 15 every winter semester

Conclusion with **Master's Thesis**

Academic title: Master of Science (MSc)

Curriculum

Focus:

- Tumour Signalling Pathways
- Infection Biomedicine

1st Year

- Molecular Biology
- Biomedicine
- Biomodels
- Virology, Bacteriology, Parasitology
- Immunology and Pathology
- Bioinformatics
- Electives

2nd Year

- Biomedicine
- Molecular Biology
- Technology training
- Bioinformatics
- Biomedical Economy
- Electives
- 8 weeks practice
- Master's Thesis: 1 semester

Further Education

- Doctorate Studies
- PhD programmes

Professional Fields

Graduates of Master's Studies in Comparative Biomedicine may pursue careers in a number of fields:

- Research in the pharmaceutical and biomedical industry
- Product development and research in the biomedical field
- Universities and other post-secondary institutions of higher education
- Non-university research institutions
- Public and private research facilities
- Public and private health facilities