



**University of
Veterinary Medicine
Budapest**

Research and innovation strategy

University of Veterinary Medicine Budapest



RESEARCH STRATEGY - AIMS

- Advancing in international university rankings
- Strengthening Innovation Potential
- Enhancing Grant Application Activity
- Ensuring Researcher Succession



1. Advancing in international university rankings

- **Main goal:** Breaking into the Top 50 in the *Shanghai Academic Subject Ranking* (currently ranked 151-200).
- **Other goals:** Appearing on *Times Higher Education* ranking and on *QS World* ranking





1. Advancing in international university rankings

- **Quality goals:**

- Increasing the number of **D1** publications
- Increasing the number of **Veterinary Q1** publications
- Increasing the number of **TOP VetQ1** articles
- Increasing the number of **citations**
- *Promoting **International Collaborations***

+ boosting international and national recognition

+ enhancing the proportion of international students involved in research



1. Advancing in international university rankings

- **Activities:**

- Assuming **publication costs**
- **Rewarding** first and last authorship articles
(D1=VetQ1>VetQ2>Q2>Q3>Q4)
- Providing a regular list of D1 and VetQ1 for researchers
- Involving **successful national and international researchers**
- Internal grants for funding research activities
- Thorough support and assistance in external grant applications
(national and international)
- More efficient utilization of resources



1. Advancing in international university rankings

	2018	2019	2020	2021	2022
D1 (VET D1) ¹	39 (12)	43 (5)	35 (7)	36 (5)	39 (4)
VET Q1¹	1	3	11	12	16
VET Q2 ¹	17	15	18	3	11
Q1¹	28	29	42	39	58
Q2 ¹	22	16	24	41	29
International collaboration ²	69	74	71	89	77
IF¹	351,69	383,93	502,85	542,79	681,83

1 Data from MTMT

2 Data from InCites



2. Strengthening Innovation Potential

- **Quality goals:**
 - Increasing the number of national **patents**
 - Increasing the number of international patents
 - Increasing intellectual property utilization revenues
 - Increasing the number of projects financed by the ***Proof of Concept*** fund
 - Increasing the number of industrial collaborations (potentially marketable products) → **KDP-PhD** students





2. Strengthening Innovation Potential

- **Activities :**
 - Enhancing the activities of the Office of Innovation and Grant Projects
 - Call for PoC applications at least every two years (for academic and research staff and students as well)
 - Individual mentoring and shaping mindsets
 - Assuming research and development costs
 - Assuming industrial property right protection costs
 - Proactive pursuit of industrial collaborations, joint grant applications



3. Enhancing Grant Application Activity

- **Quality goals:**
 - Increasing **international > national grant application** activities
 - Alignment with UVMB's strategy
 - Enhancing **infrastructure**
 - Researcher and support staff can partially or fully be funded by grants
 - Development of our own or joint products with industrial partners → active involvement of clinics
 - **Dissemination of results and their implementation into education**



3. Enhancing Grant Application Activity

- **Activities:**
 - Regular monitoring of grants
 - Sending out informational calls
 - Organizing research events and workshops
 - Harmonizing the equipment and investment needs of grants with the strategical interests of UVMB
 - Introduction „Royalty” or other utilization conditions in industrial collaborations



4. Ensuring Researcher Succession

- **Quality goals:**
 - Maintaining the current number of **SSA-students** (Scientific Student Association)
 - Maintaining the current number of **NSSA students** (National Scientific Student Association)
 - Increasing the number of students in **special colleges**, enhancing the quality of their training
 - Appropriate utilization of the **Hungarian National Excellence Programs**
 - Increasing the number of **PhD-students**
 - Increasing the number of students in the **Cooperative Doctoral Program**





4. Ensuring Researcher Succession

- **Activities:**

- Maintaining the prestige and appeal of the Scientific Student Association (SSA)
- Providing financial and infrastructural support for SSA researches
- Careful selection of National Excellence students
- Mentoring SSA and National Excellence students in the critical period (between finishing SSA and starting PhD)
- Promoting participation in special colleges, providing professional support



SCIENTIFIC QUALITY PLANNING

Individual
On Department level as well
Research group

COUNTER-MEASURES

Preventive measures against future
non-compliance

YEARLY MONITORING OF UVMB RESEARCH ACTIVITIES

(superintended by the Committee of RI)



YEARLY PROJECTION OF UVMB RESEARCH ACTIVITIES

(superintended by the Committee of RI)

- Publications
- Grant applications
- International collaborations
- Industrial cooperations
- Intellectual property elements

RESEARCH ACTIVITIES

- Research group workflow
- Grant milestones
- Finding industrial cooperations
- Proof of Concept advancements
- Research and Innovation result dissemination



ORGANIZATIONAL STRUCTURE

