



LITHUANIAN UNIVERSITY
OF HEALTH SCIENCES

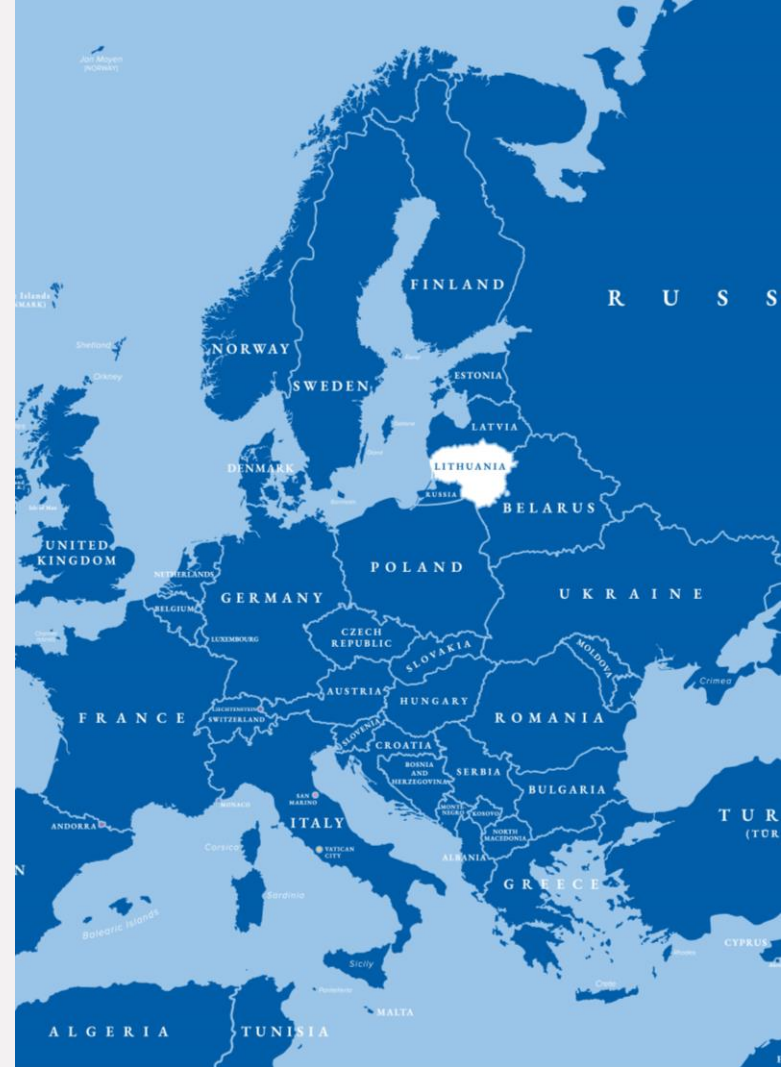
Lithuanian University
of Health Sciences

2025



LITHUANIA

- **Population:** 2.9 million
- **Currency:** €
- **Language:** Lithuanian (most people speak English)
- **Capital:** Vilnius
- **Member:** EU and Schengen Area, NATO, OECD
- **Key sectors:**
 - Global Business Services
 - Manufacturing
 - Technology
 - **Life Sciences**





KAUNAS

- **Second largest city** (population approx. 290,000)
- Business, industry, and services centre
- Highly qualified employees, significant investment opportunities
- Strong scientific potential
- Home to **4 public universities**
- Over **42,000** – the highest student concentration in Lithuania
- **The Hospital of Lithuanian University of Health Sciences Kauno klinikos** is the largest multi-profile medical institution in Baltic States

KAUNAS



Kaunas Modernist Architecture, dominating the city centre, is a **UNESCO World Heritage** site



ABOUT LSMU

- Over 100 years of history
- Specialised university in health sciences
- Unity of the studies, research, and clinical practice
- Strong international scientific centre
- *Kauno klinikos* offers world-class medical services
- LSMU Kaunas Hospital: advanced multi-profile hospital
- Modern infrastructure
- Highest ranked university in Lithuania by *Times Higher Education* ranking (2024)
- Ranked 501-550 in QS WUR Ranking By Subject 2024

LEADING IN THE REGION

LSMU ranks among the leading universities in Lithuania

Leader in **medical and health sciences**

Highest ranking in **medicine and biology ***

Accredited for the maximum period by the National Quality Agency

Top choice for the country's **most talented youth**

* Data from the 2018-2022 external comparative expert assessment of R&D by the Research Council of Lithuania

LSMU TODAY

Over **31,000 people** are part of LSMU, Kauno klinikos, LSMU Kaunas Hospital, and other branches, including:

9

full members of the
**Lithuanian Academy
of Sciences**

4

members of the
Young Academy

1,646

doctors of science

243

professors

256

associate professors

258

lecturers

255

researchers

~ 2,000

medical
doctors

~ 8,000

students

1 in 4

students is
international

LSMU VALUES

Respect for life

Community

Professionalism

Academicity

Openness

Justice



LITHUANIAN UNIVERSITY OF HEALTH SCIENCES



MEDICAL ACADEMY

Faculty of Medicine

Faculty of Odontology

Faculty of Pharmacy

Faculty of Nursing

Faculty of Public Health

Institute of Cardiology

Institute of
Endocrinology

Neuroscience Institute

Biological Research
Centre



VETERINARY ACADEMY

Faculty of Veterinary Medicine

Dr. L. Kriaučeliūnas Small Animal Clinic

Large Animal Clinic

Faculty of Animal Science

Institute of
Animal Science

Wildlife Rescue
Centre

The Hospital of Lithuanian
University of Health Sciences
Kauno klinikos

Kaunas Hospital
of Lithuanian University
of Health Sciences

Centre of Practical Training
and Experimentation

Kindergarten
Primary School
High School

INTERNATIONAL MEMBERSHIPS AND EXPERTISE



- WHO Collaborating Centre for Nursing Education and Practice
- WHO Collaborating Centre for Prevention & Control Noncommunicable Diseases



Strategic partnerships

- **300 academic partners** from over 70 different countries
- Strategic partnerships with **Japan, Ireland, Latvia, Poland, Austria, and Kazakhstan**



STUDIES

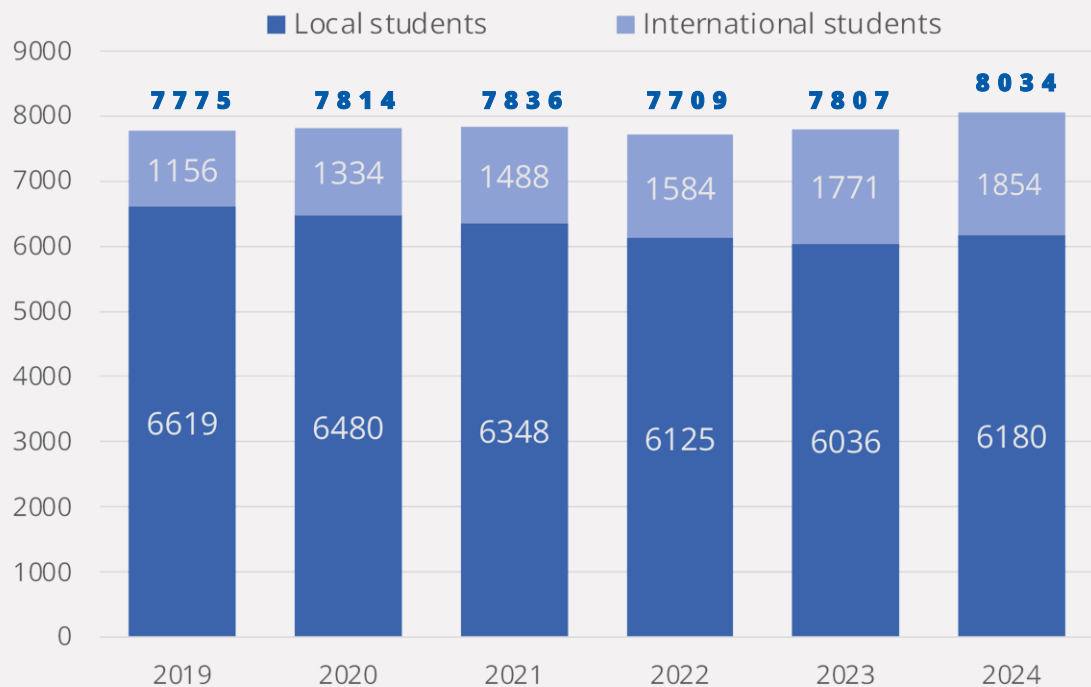
- **Health, psychology, veterinary and agricultural** sciences fields
- **Science- and innovation-**based
- **OSCE** examination
- **Integrated problem-based** training, hybrid laboratories, learning in modules (cycles)
- Kauno klinikos – the **largest practice base**
- Advanced medical and veterinary simulations
- **Modern** infrastructure

STUDIES

- **13** first-, **14** second-cycle, and **4** integrated study programmes
- **20** study programmes taught in English
- **79** residency, **10** doctoral programmes
- The Medicine study programme accredited according to the **WFME** standards
- The Veterinary Medicine study programme accredited by the **EAEVE**



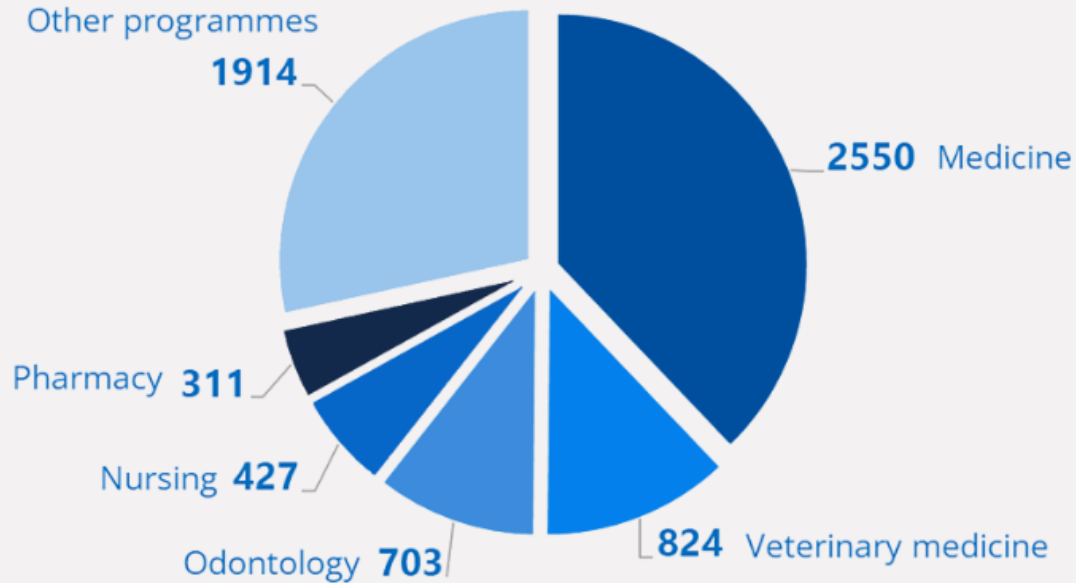
NUMBER OF STUDENTS



- **1,854** international students from **88** countries (Oct. 1, 2024)
- Largely coming from **Sweden, Israel, Norway, and India**

NUMBER OF STUDENTS BY STUDY PROGRAMME

Number of students (Oct.1, 2024)



A RENOWNED SCIENTIFIC HUB IN LITHUANIA

- Fundamental, applied, complex, multidisciplinary research
- 4 research institutes

LSMU as viewed by the Research Council of Lithuania:

- Leader in Medical and Health Sciences
- High international research standard
- Top-ranked fields: Medicine and Biology



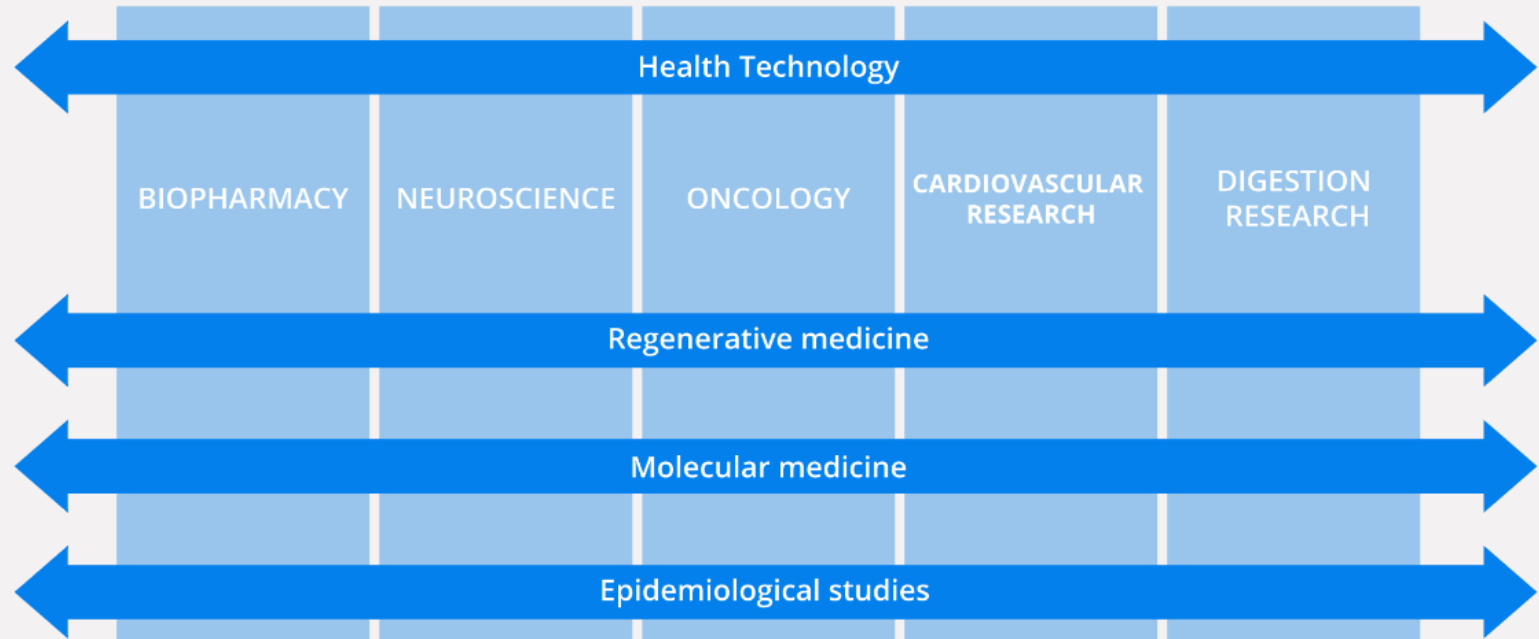


RESEARCH PERFORMANCE

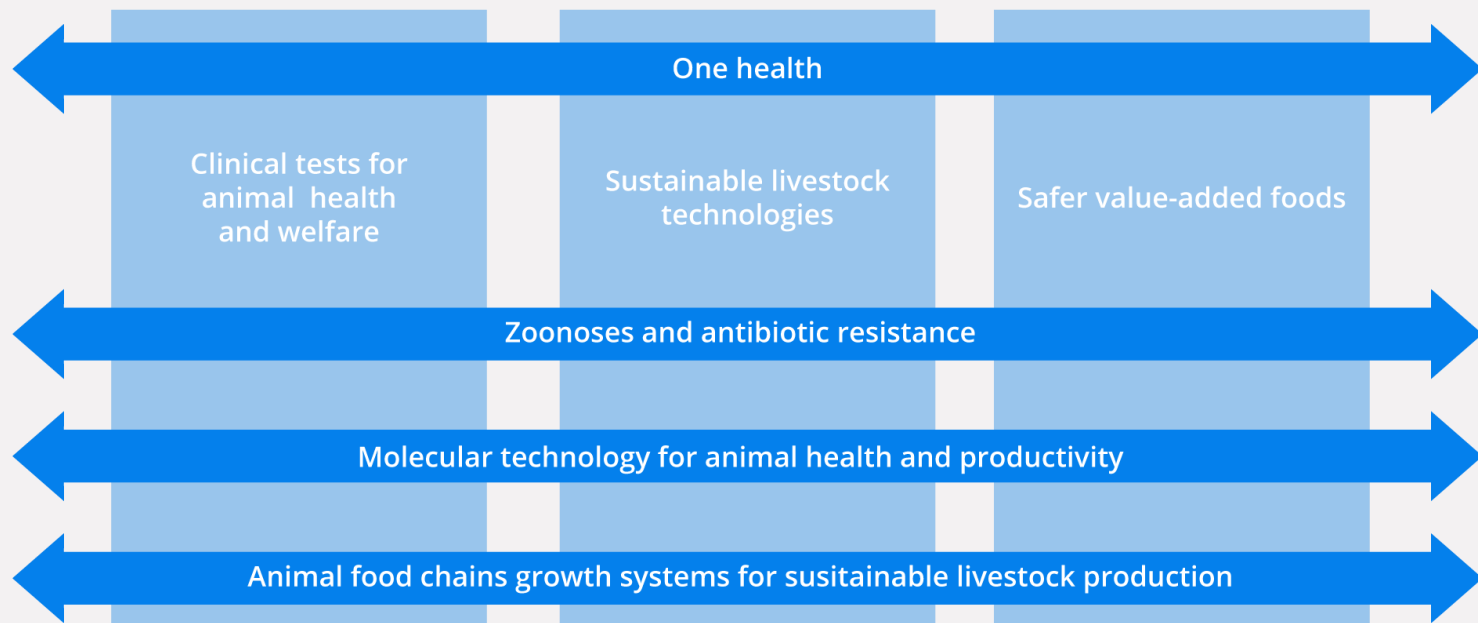
- **433 LSMU scientific papers ranked** in the **top 10%** of the most cited scientific articles **worldwide**, published over the past decade (2023).*
- **72 ongoing** international research projects are currently conducted at LSMU, including **29 funded** by European Commission competitions, such as **modernAKIS, EBRAINS, ONCOSCREEN, AURORA**, and **VOLABIOS**.

*Evaluation by the Research Council of Lithuania

STRATEGIC RESEARCH AREAS IN BIOMEDICAL SCIENCES



STRATEGIC RESEARCH AREAS IN AGRICULTURAL SCIENCES





HIGHLIGHTS OF LSMU SCIENTIFIC ACTIVITIES

**From
molecular
mechanisms
to public
health**

**Complex,
multidisciplinary**

**As early as
during
graduate
studies**

**Collaboration
with research
institutions**

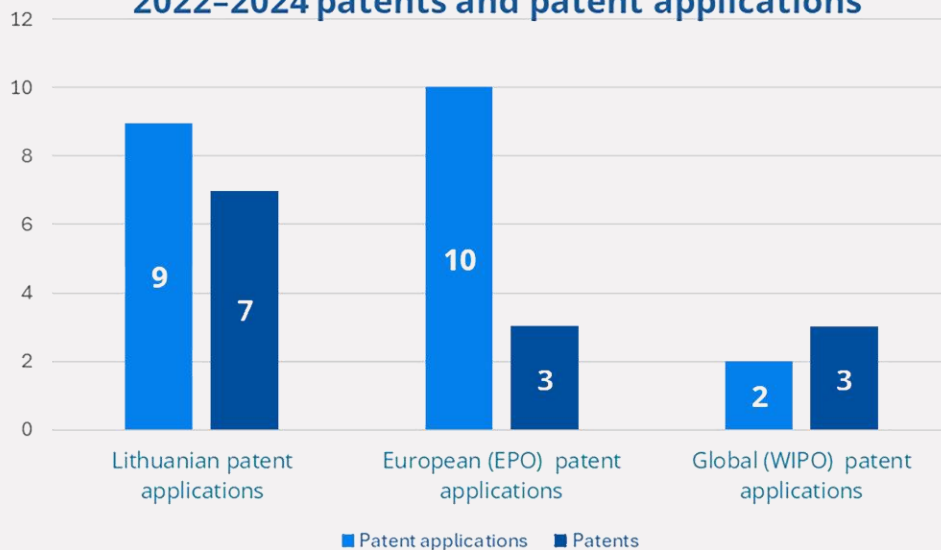
LEADING INNOVATION

- Integrated Science and Business Valleys, **Biological Research Centre**
- Coordinator of the **EIT Health** RIS Hub Lithuania



LEADING INNOVATION: PATENTS

2022-2024 patents and patent applications



EXCELLENCE THROUGH INNOVATIONS

Optogen – a rapid gene testing device

Software for identifying **melanoma and other skin diseases**

Exosomes for the development of **medical and cosmetic products**

Stem cells for **joint cartilage regeneration**



KELIFARMA

EXCELLENCE THROUGH INNOVATIONS

Innovative medicine forms created using 3D printing

**Micro- and
nano-
capsules**

**Hydrogels
in various
forms**

**Synthetic
hyaluronic
acid matrices**

**Mesoporous
bioactive
matrices**

**Bioresorbable
nanocomposite
antibiotic
micropatterns**

**Nano-
suspensions**

THE HOSPITAL OF LITHUANIAN UNIVERSITY OF HEALTH SCIENCES KAUNO KLINIKOS

39

clinical departments

5

affiliated hospitals

9

intensive care and
anesthesiology units

14

diagnostic and
interventional units



2,128

Doctors and
residents



2,391

Nursing staff



2,233

Hospital beds



> 97,000

Hospitalisations



> 77,000

Surgeries



> 1.4 mln

Outpatient
clinic visits



> 70

Organ transplantations



2,998

Babies born



> 124,900

Diagnostic radiology studies
(CT, MRI, and nuclear imaging)

LSMU KAUNAS HOSPITAL STATISTICS

60

clinical departments

14

affiliated clinical hospitals

10

emergency care and
consultation centers

7

diagnostic and outpatient
clinics



919

Doctors and
residents



1,070

Nursing staff



1,500

Hospital beds



> 60,000

Hospitalisations



> 21,500

Surgeries



> 400,000

Outpatient
Clinic Visits



> 2,900

Babies born



> 24,000

Diagnostic radiology studies
(CT, MRI and nuclear imaging)

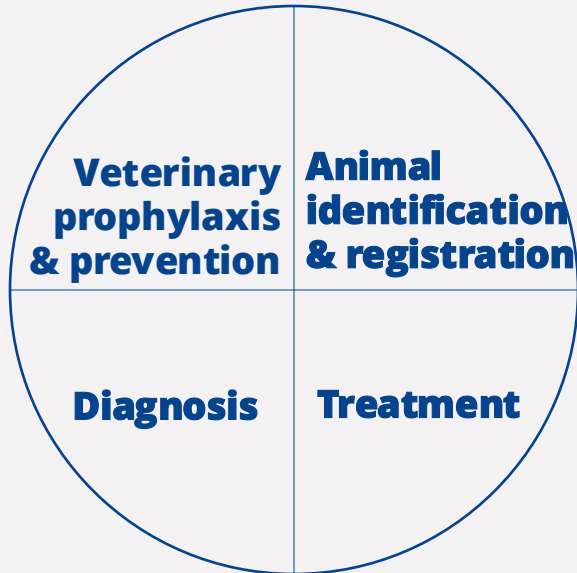
The **Department for Infectious Diseases**– frontline of the fight
against the COVID-19 pandemic

LARGE ANIMAL CLINIC

The only large animal clinic in Lithuania

~ 60% are livestock outpatients

~14% are equine patients





SMALL ANIMAL CLINIC



RECENTLY IMPLEMENTED PROJECTS

**Nuclear Research
Centre with
cyclotron**



**Human Biological
Resource Centre
for biomedical
research**



**Research and
study facility of
the Faculty
of Nursing**



**LSMU Wildlife
Rescue Centre
is the only
centre of this kind
in the country**



UPCOMING PROJECTS

- The largest **veterinary hospital** in Lithuania, serving as a centre for veterinary care and practical studies in veterinary medicine
- New infrastructure for the research and education at the Faculties of **Medicine** and **Odontology**





BUILDING A HEALTHY SOCIETY

- **Nursery-kindergarten “Lašeliai”, Primary School and Gymnasium**
- LSMU Gymnasium: **~600 students**
- **Over 50%** of LSMU Gymnasium graduates **choose to pursue their studies at LSMU**
- Virtual School: **74 students**
- Gifted Children Programme (Kaunas region): **166 pupils**

SHAPING THE PROGRESS OF SOCIETY AND THE STATE

Activities centred around sustainability:

- Creating a healthy and friendly environment
- Fostering strong strategic partnerships
- Enhancing infrastructure and its solutions
- Adopting principles of sustainable management





SHAPING THE PROGRESS OF SOCIETY AND THE STATE

LSMU's impact on regional and national development:

- Disseminating scientific knowledge
- Offering expert insights on promoting health and lifestyle topics
- Equipping future specialists with expertise
- Pioneering and embracing innovations

