

SEMMELWEIS TECHNOLOGY TRANSFER CENTER

INTRODUCTION

2026 Q1



SEMMELWEIS
TECHNOLOGY
TRANSFER CENTER



INTRODUCING SEMMELWEIS TTC

Technology transfer company of Hungary's largest medical university

TTC's mission



Simmelweis Technology Transfer Center Ltd., established in July 2024, is a market-oriented company fully owned by the University. Its purpose is to support the commercialization of the University's intellectual property also the market utilization of its research and development infrastructure.

Simmelweis University (SU)



Hungary's leading medical and health sciences university, with almost 16 000 students and more than 250-year-long tradition of academic excellence.

Operating across six faculties within an **integrated clinical and research model**, it combines a strong international presence with an extensive healthcare industry network.

Approximately **10% of public patient care in Hungary** is concentrated in university clinics located in the center of Budapest.

2 main areas of our operations



Core Facilities

Commercializing the university's extensive research and development infrastructure to market players.



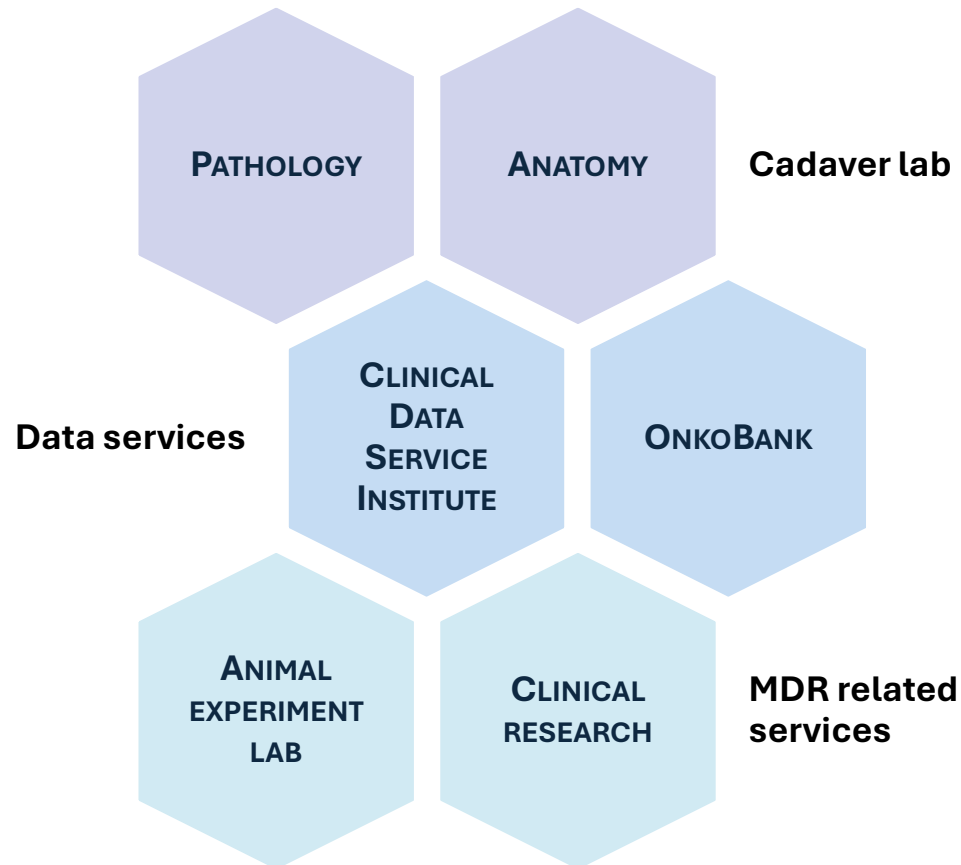
IP Projects

Mid- and long-term value creation through licensing of university intellectual property and spin-off-based market exploitation.

CORE FACILITY SERVICES

Commercializing the University's research and development infrastructure to market players, operating as a non-exclusive sales house

Already established service areas



Focus areas of our activities



We understand and assess market needs and channel them into clinical practice.



We play an active role in preparing the internal facilities for commercialization.



We conduct active sales activity at international expos and conferences.



We are currently developing our CRO service framework to support clinical research.

ANATOMY & INNOVATION CENTER FOR EDUCATION AND RESEARCH

AICER unites medicine, education, cadaver surgery, molecular laboratories, and engineering innovation, uniquely in Hungary and Europe

1. Clinical problem

Identifying real problems in healthcare or education.

2. Laboratory

Histological and genetic testing, target search, biological and psychological.

3. AR/VR & Biomechanics

Modelling and measurement with functional and biomechanical tests.



Opening in May 2026

4. Cadaver Lab

Testing devices and protocols in a validation environment.

5. Animal testing*

GLP-accredited pre-clinical studies using small and large animal models.

6. Clinical trials*

Back to the patient – clinical trials at Semmelweis University institutions.

* Service available at other locations within Semmelweis University

CORPORATE PARTNERSHIPS

Long-term, value-driven corporate partnership network to support innovation

Semmelweis TTC Ltd. builds strategic collaborations with leading domestic and international healthcare companies and innovative technology firms. These partnerships cover joint R&D projects, clinical validation, core facility services, and IP-based collaborations.

Medtronic

法盛资本
FaaS Capital

 **URBAN**
Regeneration Institute



RICHTER GEDEON



 **IPSEN**

straumann

B | BRAUN

SurgicTech

kaiko.³

Sanatmetal 
Ortopediai és Traumatológiai Eszközök Gyártó Kft.

Johnson & Johnson



 **BIOTRONIK**

 **BRAINOMIX**

IP MANAGEMENT

SU TTC plans to support innovation projects through different lifecycle phases from the beginning of the project to market entry



Evangelization and education

- Basic entrepreneurship education and public events
- Ongoing communication about innovation opportunities
- Targeted advertising and transparent innovation support



Proof of Concept and validation

- Proof of Concept grants for the development of early-stage projects
- Training series to strengthen business mindset and skills
- Supporting the idea with market research and mentor validations



Product development and regulatory

- Supporting teams with a regulatory roadmap from the beginning
- Supporting spin-offs to develop their product with the University's internal core facilities
- Temporary business development and founder recruitment



Financials and fundraising

- Providing support in the development of the financial structure
- Obtaining available spin-off grants (HU + EU)
- Fundraising support – investor connections and negotiation support

PROOF OF CONCEPT FUND

Our Proof-of-Concept fund, launched in the fall of 2025, supports the development of early-stage innovative projects

Goals and context of the fund



Identification of projects suitable for business application



Technological and market validation of early-stage research results



Preparing projects for further commercialization steps

A pilot project with **total fund of EUR 920,000**, which aims to provide predictable funding for early-stage ideas over several semesters, with planned grants ranging from EUR 13,000 to EUR 65,000.

Projects of the first batch (Autumn, 2025)



Development of an **ascorbyl palmitate-based regenerative ophthalmic eye drop** formulation.



Device innovation to help **prevent CAUTI infections** of urinal catheterization.



Machine Learning supported **chiral separation process development** to innovate HPLC process.



MicroRNA-based in vitro diagnostic procedure for thyroid cancer.



Fluorescence-based **microplate device for in vitro diagnostic use**.



Prediction of myocardial abnormalities using radiomic analysis.

CONTACT

Looking forward to introducing ourselves
and exploring potential collaboration options!



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