



LEARNING
BY DOING



25/26

SUPERVISOR'S MASTERCLASS

OF THE CLINICAL TRANSLATIONAL PROGRAMS

Join our high quality educational program to learn the methods of translational medicine.



tmalapitvany



TMFoundationHQ



transmedkozpont

TM-CENTRE.ORG

SEMMELWEIS UNIVERSITY
CENTRE FOR TRANSLATIONAL MEDICINE

PROGRAM SUMMARY

BASIC INFORMATION ABOUT THE PROGRAM

Welcome to the "**Supervisor's Masterclass**" a comprehensive course designed to equip the participants with the essential skills for supervisory success in any field, especially in academic and research settings. Supervisors in these environments face unique challenges that require a robust set of skills to manage teams, communicate effectively, and lead with confidence. This course will help the participants develop the skills to inspire and guide their team. This course is particularly vital for individuals engaged in graduate or postgraduate education, especially for those working within universities and research institutions.

Our program includes **13 topics, 184 engaging video lectures and 8 interactive workshop days**, ensuring a balanced approach to both theoretical knowledge and practical application. Each workshop focuses on key areas such as time management, communication, adaptability, leadership, and team collaboration. Participants will also gain valuable insights into crisis management, article writing and management, grant writing, and entrepreneurship. Enroll now and take the first step towards becoming a successful supervisor, capable of leading with excellence and making a significant impact in your academic and research endeavors.

WHAT WE'RE OFFERING

- Learn the important skills to succeed in any field
- Specific important information for success in research (grants, articles) "
- Interactive practice days

TIME COMMITMENT OF THE PROGRAM

- Each workshop is 8 hours long, approximately once a month from October - June
- 24 hours of lecture materials (184 videos, 1783 slides)

STRUCTURE OF THE PROGRAM

The course consists of 184 videos comprising a total of 1783 slides. Each video addresses one topic and the course is designed specifically to consist of short videos, which can be watched during convenient times throughout the day. These videos are complimented by 8 workshop days of 8 hours each, occurring from October until June, on Tuesday, Wednesday or Thursday (attendance on a particular day is by personal choice).

PROGRAM DIRECTOR

Péter Hegyi, MD, PhD, DSc, MAE

ORGANIZERS

Centre for Translational Medicine & Semmelweis University

INTRODUCTION

OF THE COLLABORATING INSTITUTES



SEMMELWEIS UNIVERSITY

Semmelweis University's (SU) history started more than 250 years ago in 1769. Today, SU is one of the leading institutions of higher education in Hungary and the Central European Region in the field of medicine and health sciences. At SU, our core commitment is based on the integrity of education, research, and medicine, which makes the University an internationally recognized center of excellence.

TRANSLATIONAL MEDICINE FOUNDATION

Our foundation focuses:

- Apply scientific results and innovations in healthcare.
- Facilitate data exchange between universities, hospitals, and research centers to improve multicenter research quality and efficiency.
- Help the public and professionals implement evidence-based knowledge through various platforms.
- Organize conferences and training and provide support for research services and human resource selection.

THE HISTORY

OF TRANSLATIONAL MEDICINE IN HUNGARY



The **Translational Medicine (TM)** “learning by doing” education model was launched at Hungary University of Pécs in 2016 under the leadership of Péter Hegyi. In the past five years, almost 50 PhD students and residents have participated in our programs. In this period, more than 300 high-quality publications have been published through scientific research and translational patient care initiated and supported by the **Translational Medicine Foundation**, the University of Pécs, the University of Szeged, and the Semmelweis University (*Nature Medicine*). The results have made it possible to develop and supplement a number of treatment guidelines and to immediately apply scientific results in patient care.

Semmelweis University aims to rank among the best universities in the world and recognize the importance and the high potential of translational medicine. Therefore, in 2021, this program was invited to function on a much bigger scale than before, now under the umbrella of Semmelweis University. As a result, the training at SU already enrolled more than 340 PhD students and almost 100 undergraduate research students.

THE IMPORTANCE

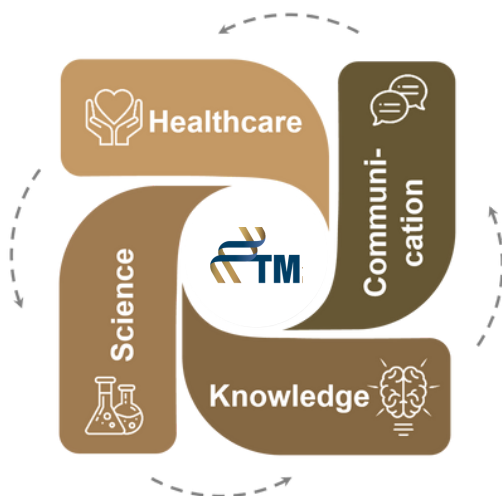
OF TRANSLATIONAL MEDICINE

The key goal of **Translational Medicine (TM)** is to transform scientific discoveries into tangible benefits for communities. This is crucial because scientific findings are currently underutilized in everyday medical practice, limiting their potential to save lives. In 2016, 1.7 million people under the age of 75 died in Europe, **and 1.2 million of these deaths could have been prevented** with effective public health interventions and better use of medical research.

Recognizing this, **Academia Europaea** launched a groundbreaking project in 2018 to speed up the application of scientific knowledge for the public good. Leading researchers, journal editors, and academic experts came together to develop the TM cycle—a model designed to close the gap between science and clinical practice. The **TM cycle** focuses on generating new scientific insights, making them accessible to healthcare providers, and communicating them effectively to the broader public. This approach aims to deliver more efficient, cost-effective healthcare—and that's where our summer school comes in.

By attending this program, you'll gain hands-on experience with the TM cycle, learning how to apply cutting-edge research directly to patient care. You'll work alongside international experts, growing your professional network and contributing to the future of global healthcare innovation. Join us to help make a real-world impact by transforming research into life-saving solutions.

Don't miss the chance to join the movement improving healthcare for everyone!



STRUCTURE

OF THE TRAINING



Public speaking and presentation skills: Scientists and physicians may need to present their findings at conferences, to patients, or to the public. Effective public speaking and presentation skills can enhance their impact and credibility.



Communication skills: Effective communication is paramount. Physicians need to convey complex medical information to patients and their families, while scientists must communicate research findings to colleagues, funders, and the general public. Listening skills are equally important to understand patient concerns or collaborate effectively with other researchers.



Adaptability & Flexibility: The fields of medicine and science are everevolving. Professionals must adapt to new technologies, treatments, and research methodologies. Being open to change and continuous learning is essential.



Time management: Managing time efficiently is crucial, as physicians and scientists often juggle multiple responsibilities, from patient care to research projects. Effective time management ensures that tasks are completed promptly and with quality.



Leadership & Management: As one progresses in their career, leadership skills become increasingly important. Physicians may lead medical teams, and scientists might lead research projects or teams. Leadership qualities like decision-making, delegation, and mentorship are valuable. However operational management, often referred to as operations management, is the process of designing, overseeing, and controlling the day-to-day activities and processes within an organization to ensure efficient and effective operations. It involves coordinating resources, processes, and people to achieve organizational goals.



Teambuilding & Collaboration: Collaboration is integral in both professions. Physicians work in multidisciplinary teams, and scientists often collaborate on research projects. Being able to work effectively with others, delegate tasks, and share credit is essential. Team building is the process of enhancing the cohesion, collaboration, and performance of a group of individuals working together toward common goals. Effective team building involves various elements and activities to create a positive and productive team dynamic.



Crisis prevention & Management: Crisis management at a personal level involves a set of strategies and actions to effectively respond to and navigate challenging or unexpected situations. Here are the basic elements of personal crisis management.



Thinking smart: "Thinking smart" typically refers to the use of cognitive processes and strategies that lead to effective, efficient, and insightful thinking.



The secret of success: Achieving a high level of success in any area of life typically requires a combination of skills, traits, and habits. While success can be subjective and vary greatly from person to person, there are several fundamental skills and qualities that can contribute to a person's ability to reach their goals and aspirations.



Entrepreneurship: Entrepreneurship is a broad and multifaceted field, and covering its basics in a training session can be quite beneficial. Here are some key topics and points you can include in your training on entrepreneurship.



WORKSHOPS

OF THE POSTGRADUATE CERTIFICATE COURSE

WORKSHOP NAME	DATE RANGE
Translational medicine soft skill course I. Time management, communication	October 28 - 30, 2024
Translational medicine soft skill course I. Thinking smart, secret of success	December 16 -18, 2024
Article writing	February 10-12, 2025
Translational medicine soft skill course II. Part I. Adaptability and flexibility, Crisis management	February 24 - 26, 2025
Article management	March 10- 12, 2025
Translational medicine soft skill course II. Part II. Leadership and management, Teambuilding and collaboration	April 7 - 9, 2025
Translational medicine soft skill course II. Part III. Grant writing	May 19 - 21, 2025
Translational medicine soft skill course II. Part IV. Entrepreneurship	June 9 - 11, 2025



Each workshop is held on three separate days, it is up to participant discretion which of the days the wish to attend.

CERTIFICATE

REQUIREMENTS

COURSE NAME	E-LEARNING (HOURS)	PRACTICE DAYS
Translational medicine soft skill course I. Time management, communication	3.5	1
Translational medicine soft skill course I. Thinking smart, secret of success	4.5	1
Translational medicine soft skill course II. Part I. Adaptability and flexibility, Crisis management	2	1
Translational medicine soft skill course II. Part II. Leadership and management, Teambuilding and collaboration	3.5	1
Translational medicine soft skill course II. Part III. Grant writing	1	1
Translational medicine soft skill course II. Part IV. Entrepreneurship	1	1
Article Writing	2	1
Article Management	1	1
Overall Supervisor Course Time Commitment	18.5	8
Minimum attendance requirements	100%	75%

APPLICATION

HOW TO JOIN OUR PROGRAM

CLICK HERE
OR SCAN THE
CODE TO **APPLY**



TUITION FEE

3000 Euros

1500 Euros for Semmelweis University affiliates

APPLICATION DEADLINE

October 1st, 2024

ELIGIBILITY

Completed Graduate degree, such as MSc, MD, PhD

AVAILABLE PLACES

15 person / course

ENTRANCE INTERVIEWS

The interviews will be held in the first week of **October, 2025**.

REQUIRED DOCUMENTS

For this course, you are required to upload the following documents when applying:

- Motivation Letter
- CV

PAYMENT

After completing the application form, you will be contacted by our staff, and we will provide the payment information.

RESPONSIBILITIES OF THE CENTRE

The Centre will provide access to the training materials in case of successful recruitment, but this does not cover the technical requirements for access, particularly a stable internet connection and computer equipment. The application fee covers the costs of the application procedure, and the Centre does not undertake to reimburse the costs of unsuccessful applications. Students who are successfully admitted will be offered a training contract by the Centre. Hungarian law will apply to the application process and the training as a whole.

CONTACT US

FOR MORE INFORMATION

Should you need any further information, please do not hesitate to contact us! Also feel free to check out our and our partner's online content as well.

ORGANIZATION NAME

Semmelweis University, Centre for Translational Medicine

POSTAL ADDRESS

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E-MAIL ADDRESS

tmk@semmelweis.hu

OUR WEBSITES

tm-centre.org, semmelweis.hu/tmk

YOUTUBE CHANNEL

Translational Medicine Foundation

NATIONAL ACADEMY OF SCIENCES

edu-sci.org

ACADEMIA EUROPAEA

ae-info.org



A grayscale photograph of a man with a beard and short hair, wearing a dark suit, white shirt, and dark tie. He is holding a tablet in his left hand and looking towards the camera with a slight smile. The background is a plain, light color.

Supporting partner
of our program



**MOL-ÚJ EURÓPA
ALAPÍTVÁNY**



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